

WASWAC HOT NEWS 2010 (04) APRIL 30, 2010

Compiled and sent out monthly by Samran Sombatpanit, Editor

Please send your contributions/ information for next issue(s) of HOT NEWS/ WASWAC Newsletter to sombatpanit@yahoo.com and samran_sombatpanit@yahoo.com

This document is NOT properly edited, to enable a quick release, to meet many deadlines.

Previous information is available on the website <http://waswac.soil.gd.cn> sub page WASWAC HOT NEWS

New items in MEETINGS are highlighted in light blue for easy identification

REDUCE

REUSE

RECYCLE

These are what every one of us can do to mitigate global climate change – our imminent threat.



PLEASE CONSIDER THE ENVIRONMENT BEFORE YOU PRINT THIS HOT NEWS



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Editor's Note: Our transition year



Running the World Association of Soil and Water Conservation (WASWAC) is not an easy task, particularly when the target is to have it functioning to serve soil and water conservationists all over the world in a sustainable way. Since departing from our previous host (The Soil and Water Conservation Society – SWCS) in Iowa, USA, in April 2003 with the destination in China, the work in general stays at my home office in Bangkok, with several persons working in many offices around Asia, with few more operating from other continents. Undoubtedly, all works have been done with good spirit to help preserve natural resources essentially to enhance the good living of humans.

Now, after seven years have passed, several works have been developed and transformed to better suit the needs of academics and professionals who are members in WASWAC. One good example to cite is the **WASWAC Newsletter** (the all-time flagship of the association), which after 25 years has eventually changed its title to **WASWAC Bulletin**, to start from this year onward as Volume 26, with intention to have it more science-based than before. At the same time, the **Journal and Proceedings of WASWAC** that has been produced for four years (2006-2009) will merge with the WASWAC Bulletin, thus strengthening the latter, enabling it to serve members even better. On the other hand, the **WASWAC HOT NEWS** (commenced in 2006) that reports urgent matters to members monthly will continue to be produced as such, only to have it improved in certain aspects. In all, the production of these publications has been possible ONLY because of the availability of the digital technology, or IT in short. In fact, in autumn of 2001 during the tenure of David Sanders as President and I was his deputy, we were quite alarmed because of the unbalanced balance sheet of our association. Due to the sharp suggestion of Hans Hurni, Immediate Past President during that time, to use IT instead of conventional printing method, we instantly grabbed - and the number of works that WASWAC has been doing has increased all the time, from one to ten, while the association can serve people who have internet access all over the world. An example of changing 'threat' to 'opportunity'.

Concerning the administration, the council has increased its number from five in 2001 to twenty-eight in 2010. They cover all habitable regions of the world, while those that serve to represent individual countries (almost 100) hold the title of Vice President.

Eventually, the administrative works of WASWAC Secretariat will be put at an office in Beijing, China within this year. Preparatory works will be done now and will continue in the third and fourth quarters. With the generous offer from the host country, China has agreed to hold the first ever Council meeting at Xi'an where the **LANDCON 1010 conference on Combating Land Degradation in Agricultural Areas** will take place during **October 11-15, 2010**. Like during the ISCO 2002 in Beijing, all WASWAC members who will attend the LANDCON 1010 conference will be invited to join in a WASWAC Forum where various issues about running WASWAC will be discussed. It is expected that by the end of this year the Secretariat Office will be readily established in Beijing, with various works to be done at several offices in China and other Asian countries and – to minor extent – in other continents. Wherever we are, we continue our tradition of being a **member-for-member association**.

We will report about this issue to members in the pages of HOT NEWS regularly.

HOT MEETINGS

LANDCON meetings for the rest of 2010

1005	First International Conference on Soil and Roots Engineering Relationship habibibibalani@gmail.com	Ardebil Province, Iran	May 24-26, 2010
1009	FAME 2010 , an annual event organized by Green World Conferences Contact: Derek Michalski at dm@greenworldconferences.com , www.greenworldconferences.com	Berlin, Germany	Sep 13-14, 2010
1010	FIRST WASWC COUNCIL MEETING and Int. Conf. on Combating Land Degradation in Agricultural Areas: www.ms.iswc.ac.cn , lirui@ms.iswc.ac.cn , wafe@ms.iswc.ac.cn , landcon1010@gmail.com	Xian, Shaanxi, China	October 11-15, 2010
1011	International Conference on Cooling the Earth , coolingtheearth2010@rediffmail.com , coolingtheearth2010@gmail.com , drvirsingh@rediffmail.com , www.gbpuat.ac.in	Pantnagar, India	Nov 15-17, 2010
1012a	International Geographical Union (IGU) Commission Seminar on Land Use, Biodiversity and Climate Change dr.mahfuzarahman@gmail.com	Guwahati, Assam, India	Dec 11-13, 2010
1012b	ASADWA Arid and Semi-arid Development through Water Augmentation, Optimizing water resources in a world of water shortage , www.asadwa.ugent.be . Contact asadwa@ugent.be	Valparaiso, Chile	Dec 13-17, 2010

Organizers of technical meetings are welcome to discuss with us if your events are suitable to join our LANDCON series of meetings and get support in certain products and services. If your event can fit at least seven of the ten points in the Guidelines for Successful Meetings, <http://waswc.soil.gd.cn/consti-decentra.html>, it is possible to do so. The LANDCON e-LIBRARY is among the promotional materials that participants who attend your LANDCON event will receive at a very affordable cost. Pls contact sombatpanit@yahoo.com to apply for it and receive a LANDCON title, plus all other benefits.

BULLETIN BOARD

Newsletter issue 25(4) for October-December 2009 is posted on our website <http://waswac.soil.gd.cn>.
Versions in various languages will be soon available.

<<<<<<>>>>>>

Members in U.S.A. can buy **NO-TILL FARMING SYSTEMS** book online at
<http://www.conservaioninformation.org/index.asp?site=1&action=products&deptID=1&dept=All+Products>.
Members in all other countries may contact their country representatives or write to sombatpanit@yahoo.com.

<<<<<<>>>>>>

SWAT book + DVD can be purchased by contacting representatives in some countries (see the last page of this HOT NEWS) or may order directly from sombatpanit@yahoo.com. For U.S.A., copies are available from Prof. Manuel R. Reyes of North Carolina Agricultural and Technical State University in Greensboro, NC
reyes@ncat.edu, mannyreyes@nc.rr.com, who has stocks of other WASWAC Special Publications too.

<<<<<<>>>>>>

LANDCON e-LIBRARY: Our Gift to the Earth

If you have not sent any digital materials to us for including in our Special Publications No. 5 (SP5), **LANDCON e-LIBRARY: Our Gift to the Earth**, pls do send. Almost everything digital produced from your office can be sent to us and we will help you sort out and make a good 'bookshelf' for them. The DVD set of this SP5 (~10,000 items or more) will be ready in the third quarter of this year.

JOBS

▲ The **Wageningen Socio-Spatial Analysis Chair Group** offers a challenging career path as an **Assistant Professor in the field of cultural geography**. The new Assistant Professor will participate in research projects focused on the cultural geographies of travel and landscape, with emphasis on questions of power and knowledge. The group is committed to social theory in all its spatial articulations and has a strong international reputation in landscape studies and tourism studies, while it intends to expand its more recent theoretical interest in the spatial dimensions of 'the political'. The candidate will be responsible for research projects in the field of cultural geography. She/he will be expected to teach a course in Geography of Tourism in the new BSc in Tourism and to give a substantial teaching contribution to the MSc in Tourism, Leisure and Environment and/or to the Landscape Architecture and Spatial Planning curriculum (BSc and MSc). The candidate should develop a research profile capable of attracting PhDs and external funding, and to contribute in a significant way to the international profile of the group in the field of cultural geography.

Requirements:

The successful candidate must:- hold a PhD, preferably in human geography; a PhD in other related social sciences will be taken into consideration- show an outstanding early career publication record and international research profile, together with a long term vision for her/his contribution to the field of cultural geography - have recognized teaching skills and experience in the field of human geography - show the ability to acquire externally financed projects- have excellent command of English and be willing to learn Dutch.

www.academictransfer.com/employer/WUR/vacancy/4235/lang/en/

Dr Todd A. Crane

Wageningen University

Technology and Agrarian Development, Hollandseweg 1, 6706 KN Wageningen, The Netherlands

T: +31 317 48 2873, +31 317 48 2873, F: +31 317 48 5616, todd.crane@wur.nl; <http://www.tad.wur.nl/uk>

▲ I am looking for a good Research officer to work on my landslide projects especially on Landslide modeling and remote sensing. His/her English must be good (written and spoken). If you have a good candidate, please let me know. Also if you have a student and want to continue a Ph.D in landslide area at USM, please let me know. Prof Habibah Lateh, Universiti Sains Malaysia, Penang, Malaysia habibah@usm.my

▲ [Vacancies at Qatar university](#)

▲ [Vacancies at kharj university in Saudi Arabia](#)

▲ [Vacancies for academic positions at Arab international university, Syria](#)

▲ [Vacancies for academic positions at the University of Nizwa in The Sultanate of Oman.](#)

▲ We are seeking a **GIS Manager**, possibly two, to help support our Data management project here in Kabul for a period of 10mths. This position is open to all nationalities, with the right experience and skills. Within our project there are participatory approaches being used, hence my posting to this list (so thanks!) while we use ESRI, we also use a range of other open source technologies.

The successful applicant will be based in Kabul, and work with local staff and ministries to provide mentoring, training and supervision of GIS staff and projects. Ideally you will have 10+ years demonstrated experience, and a degree in GIS or related discipline and international experience. We particularly seek specialist skills in Roads, Asset Management and infrastructure projects.

I welcome your application, equal opportunity employer, conditions are the best amongst NGO employers in Kabul in my opinion. Please send me your resume to dwilkins@ird-hrls.org, include a bullet point cover letter outlining your recent experience with regard to the above and include GIS manager in the subject line and please feel free include a recent photograph if you wish (informal).

Kindest regards, from a quickly warming Kabul spring,

Duane Wilkins dwilkins@ird-hrls.org

Deputy Director, Afghanistan Infrastructure Data Center, USAID HRLS II

▲ We are currently looking for a volunteer GIS specialist to work for a period of 3 to 6 months to work on the data that we have. We need to process our data and print maps and hand it to local communities and government. We are also planning to use the maps to develop Participatory Management Plans for the areas that we are working at. We will provide a working place and a social support. As we are a small and local NGO, we can not provide airfare, internal transport, accommodation and food. We will do what ever is in our capacity to make his/

her stay in Ethiopia as comfortable and enjoyable as possible. Please look at our website melca-ethiopia.org for more information about us.

Million Belay, Director, MELCA (Movement for Ecological Learning and Community Action) Ethiopia

AWARDS/PRIZES/FUNDS/FELLOWSHIPS/SCHOLARSHIPS

▲ *****IUSS wins large grant:** The IUSS has participated in a large grant-winning draw since 1998. This draw is held every two years and organized by the International Scientific Institute for the Advancement of the Natural Sciences (ISIANS). This Amsterdam-based institute has endowment funds that are used to stimulate progress in both the applied and fundamental sciences. The funds are distributed amongst scientific institutions and unions that have been carefully selected based on scientific prestige. The IUSS was asked to join ISIANS in 1998. Last month the Bureau was informed that the IUSS won 2.1 million Euros and the grant has already been added to the IUSS bank accounts. The IUSS Bureau has decided that these funds belong to the members and the global soil science community. A set of criteria have been developed and all eligible members are invited apply. If you wish to share in this unexpected benefit please click [here](#) for further information. (From IUSS Alert 60)

▲ **Endeavour Awards for Research, Postgraduate study or research, Vocational education and training** Professional Development and Student Exchanges Open on 5 April 2010 and will close on **31 July 2010**. The Endeavour Awards is an internationally competitive, merit-based program providing opportunities for citizens of the Asia-Pacific region to undertake study, research and professional development in Australia. Awards are also available for Australians to do the same abroad. Readmore: <http://cambodiajobs.blogspot.com/2008/04/endeavour-awards-for-research.html>

▲ [Scholarships for university graduates coming from European Neighbourhood Policy countries](#)
The College of Europe can offer a significant number of scholarships to graduates from the European neighbourhood policy countries for post-graduate studies to its Bruges or Natolin (Warsaw) campus during the academic year 2010-2011.
Some of the Islamic countries concerned are: Algeria, Armenia, Azerbaijan, Egypt, Jordan, Lebanon, Libya, Morocco, the Palestinian Authority, Syria, and Tunisia

▲ **Ph.D. Fellowship Opportunities in NREM at UHM**
Department of Natural Resources and Environmental Management
University of Hawai'i at Ma-noa, Hawai'i, USA

The Department of Natural Resources and Environmental Management (NREM) at the University of Hawai'i at Ma-noa (UHM) is seeking applications from outstanding students interested in pursuing a doctorate in sustainability, conservation, and natural resources. We will be selecting two Ph.D. fellows, fully funded by a recently awarded USDA Food and Agricultural Sciences National Needs Graduate Fellowship (NNF) grant. Fellows will be generously supported for up to four years (three years as a fellow and one as a Teaching Assistant) at \$24,500/year, with additional funds available for research. In addition, selected students will receive complete tuition remission.

The overall goal of the project is to create an interdisciplinary cohort of graduate fellows to work in the interrelated areas of: (i) ecosystem services, (ii) sustainable ecosystem management, (iii) community watershed management, and (iv) environmental valuation and policy, using the Hawai'i 2050 Sustainability Plan (<http://www.hawaii2050.org/>) as an overarching framework. This Fellowship program will be a model of interdisciplinary research and analysis of sustainable sciences for students and faculty in NREM, and to similar programs worldwide.

We are particularly interested in students who have interdisciplinary skills and interests. In addition, students who have statistical training, are computer literate, team players, self-motivated, and have had success in publishing and presenting are highly desired.

Finally, as the selected fellows will work together with several faculty members (Drs. Catherine Chan-Halbrecht, Carl Evensen, Christopher Lepczyk and Creighton M. Litton), it is critical that they have strong communication and interpersonal skills. Students must have a M.S. degree prior to enrolling in the program, and be citizens of the United States.

Reviewing of applications will begin on April 1, 2010 and remain open until the positions are filled. We anticipate that students will begin as early as August 2010.

For detailed information on submitting an application to our graduate program, visit:

http://www.ctahr.hawaii.edu/nrem/students/grad-e_komo_mai.html#admit.

Please indicate in your application materials, specifically in the objective statement, that you are applying for the NNF Fellowship. Applications are encouraged from underrepresented groups and women. If you have any questions, you can contact the faculty members listed above by calling 808-956-7530, 808-956-7530, or emailing nrem@ctahr.hawaii.edu with NNF Ph.D. Fellowship in the subject line.

Support for this student training project is provided by USDA National Needs Graduate Fellowship Competitive Grant No. 2010-38420-20381 from the National Institute of Food and Agriculture.

Christopher A. Lepczyk

Assistant Professor

Department of Natural Resources and Environmental Management

University of Hawaii at Manoa lepczyk@hawaii.edu

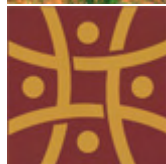
▲ Scholarships at The University of Manchester

<http://cambodiajobs.blogspot.com/2010/02/scholarships-at-university-of.html>



▲ [AFRICA: Plan to reform agricultural higher education](#)

An initiative to reform and develop agricultural higher education in 29 African countries has been approved by the Islamic Development Bank. The plan includes curriculum development and an online directory for agriculture science education resources, among other things.



▲ [JORDON-FRANCE: Joint nuclear science university](#)

In an announcement by the country's Atomic Commission on 19 January, Jordan said it plans to create a Jordanian-French university specialising in nuclear sciences and research to develop scientific human resources in Jordan and the Arab world.



▲ [SAUDI ARABIA: Observatory on higher education](#)

Saudi Arabia now has a national body for higher education that includes student experiences, courses, planning, assessment and evaluation. The Observatory on Higher Education was launched last Tuesday at an international exhibition on higher education in Riyadh.



▲ [EU-EGYPT: EUR20 million fund for research and innovation](#)

The European Union will offer EUR20 million (US\$27.3 million) to Egypt to promote research and innovation initiatives as well as establish technology-based industries. This was announced by the Ambassador of the European Delegation in Egypt Marc Franco at the first Euro-Mediterranean Innovation Marketplace held in Heliopolis, Egypt, from 26-28 January.



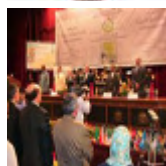
▲ [The Top 100 Universities in the World—No Muslim University Ranked](#)

Although the three oldest universities in the world are Islamic universities, in the most recent list of top 100 universities in the world, not a single one is a university from an Islamic country



▲ [Scholarships for Master and PhD in Renewable Energy Technologies in Saudi Arabia](#)

Scholarships in Renewable Energy Technologies in King Saud University are available for qualified students graduated from Electrical Engineering, Mechanical Engineering, Chemical Engineering, Physics and Chemistry.



▲ [Global Fellowships in Marine Conservation](#)



▲ [Full Scholarships for Graduate Study, MASDAR Institute, Abu Dhabi](#)



▲ [Fellowships from Chinese Academy of Sciences to international scientists](#)



▲ [Scholarships at The University of Edinburgh](#)

The University of Edinburgh will offer 2 residential full-time Master's scholarships and 3 Master's scholarships for eligible distance learning Master's programmes offered by the University.

▲ **USDA Grants for Research, Extension and Education**

The U.S. Department of Agriculture announces the availability of approximately \$262 million in research funds for research, extension and education through the Agriculture and Food Research Initiative (AFRI) to address key societal challenges. These include applications to increase global food availability through increased sustainable food production; and applications to achieve the long-term outcome of mitigating and adapting to climate change in agriculture and forestry. More information is available at

<http://www.nifa.usda.gov/fo/afri/globalfoodsecurity.cfm> and http://www.nifa.usda.gov/funding/rfas/pdfs/10_afri_climate.pdf.

▲ **Oslo Peace Scholarship**

The Graduate Studies in International Affairs (GSIA) program in the ANU College of Asia and the Pacific, in partnership with the International Peace Research Institute, Oslo (PRIO) and Bjørknes College, offers one scholarship each year for full-time study in the Master of International Affairs specialising in Peace and Conflict Studies degree program. Tuition fees will be covered by The Australian National University and Bjørknes College; and students will receive some funding towards living costs as a stipend.

Eligible Program(s): Master of International Affairs specialising in Peace and Conflict Studies

Eligibility Criteria: International students, Australian and Norwegian students

Readmore: <http://cambodiajobs.blogspot.com/2008/07/oslo-peace-scholarship.html>

▲ **Grants:**

[Department of Conservation and Natural Resources Electronic Grants System](#)

[Chesapeake Bay Watershed Initiative](#)

[Chesapeake Bay Trust Mini Grants](#)

[1675 Foundation](#)

[Bridgestone Americas Trust Fund](#)

[William Penn Foundation Grants](#)

[Maryland DNR Grants and Loans](#)

[Maryland DNR Tree-Mendous Program - Trees for Schools Project](#)

[The Maryland Urban and Community Forest Committee \(MUCFC\) Grants](#)

[PennVEST Loans – Pennsylvania Infrastructure Investment Authority](#)

[Pennsylvania Historical and Museum Commission Grants Page](#)

[NY DEC Grants](#)

[USDA Rural Development Water and Waste Disposal \(WWD\) Loan and Grant Program for Rural Areas](#)

[USDA Technical Assistance and Training Grants for Rural Areas](#)

[USDA Solid Waste Management Grant Program for Rural Areas](#)

[PA Resource Enhancement and Protection Program \(REAP\)](#)

[Gannett Foundation - Community Action Grants](#)

[H2O PA - High Hazard Unsafe Dam Projects](#)

[H2O PA Water Infrastructure Projects Bonds](#)

[New Jersey DEP Grants and Loans](#)

[Foundation for Pennsylvania Watershed Grants](#)

[EPA Wetland Grants Database \(WGD\)](#)

[USDA Encourages Farmers Within Chesapeake Bay Watershed to Signup for Conservation Program](#)

[TogetherGreen Fellowships](#)

[TogetherGreen Innovation Grants](#)

[NY DEC Grants For Hudson Valley Landowners To Protect Endangered Bog Turtle Habitat](#) NEW

[USDA – Conservation Innovation Grants \(CIG\)](#) NEW

▲ **Awards:**

[PROP Recycling Festival Best Video Competition](#)

[4th Annual Rachel Carson “Sense of Wonder” Contest](#)

OBITUARY

IECA Member Loved Dirt!

IECA member **Craig Knock** passed away on December 27, 2009. He was a leader in the field of erosion control, landscaping and hydroseeding, and he was only one of three in South Dakota to become a Certified Professional in Erosion & Sediment Control (CPESC). He specialized in reclamation of various mines and oil fields, and his company has installed lawns and irrigation systems for commercial and residential properties throughout a four-state area. In the last several years, he had been emphasizing soil chemistry, biology and balancing the soils for optimum growth of grasses and/or food crop plants. He also developed a high impact humified compost which, added with the soil, will cut water usage by 50% and provide adequate biology to optimize growth and sustainability. Craig loved dirt, and he eagerly shared his knowledge with all who wanted to learn. [Please read more about Craig and sign the guestbook for his family >>](#)



Note: *International Erosion Control Association (IECA) is an Organization member of WASWAC.*

In Memoriam – Beverley Kay



Dr. Beverley David Kay, 67, Professor Emeritus, died on 14 January 2010 at home in Elora, Ontario, Canada, after a long journey with a slow form of ALS. He was born on a farm in Ontario and received his B.Sc. (1965) and M.Sc. (1966) from the Ontario Agricultural College in Guelph, which, at that time, was part of the University of Toronto. He went to Purdue University for his Ph.D. (1969) with Professor Phil Low. There he met his future wife Maureen. He joined Guelph's soil science faculty in 1969 and chaired the Department of Land Resource Science from 1983 to 1994. In the mid 1990's, he co-chaired the U of G's Strategic-Planning Commission. A Fellow of the Canadian Society of Soil Science, he retired in 2003.

Dr. Kay was renowned for his research in soil structure and carbon sequestration. His most significant single contribution has been the development of the concept of "the least limiting water range (LLWR)" He authored and co-authored more than 100 papers and chapters in books. He was an inspiring mentor to over two dozen graduate students and many postdoctoral and research associates. Several of these people have become leaders in research and teaching in Government and Universities in Canada, the United States, Australia, Brazil, Denmark, Iran and Sri Lanka. He was admired and loved by his staff.

Dr. Kay was an enthusiastic participant in the life of the International Soil and Tillage Research Organization (ISTRO), which he served as its Secretary-General from 2000-2003. Prof. Kay is survived by his wife, Maureen, and two children, Ailsa and Laird. – *From ISTRO Newsletter of first quarter 2010*

IECA Remembers C. Earl Israelsen

C. Earl Israelsen passed away peacefully on March 14, 2010, surrounded by family members. He was a former president of IECA. He graduated from Utah State University with a Bachelor's of Science degree in civil engineering and received a Ph.D. in hydrology from the University of Arizona. He was employed by Utah State University, where he worked at the Utah Water Research Laboratory. [More >>](#). [Sign an online guestbook for his family >>](#).



TRAINING COURSES

▲ Training workshops on new media, ICT, and wireless technologies for social change – for Mekong sub-region

Mekong ICT Camp is a biannual training workshop on information, communication, and technologies for citizen media, community health, and civil society practitioners in Mekong sub-region. <http://mekongict.org/apply>
Participants are welcome from all countries in Mekong sub-region, including Burma, Cambodia, Laos, Thailand, and Vietnam. Mekong ICT Camp is to be held in **May 31-June 5**, in Chiang Mai, Thailand.

**INTERNATIONAL CONSERVATION
AGRICULTURE TRAINING COURSES**

TRAINING AIM
To contribute to building the desired capacity and ability of frontline agricultural extension and research staff in the development and promotion of conservation agriculture (CA) technologies, thereby enhancing their ability to respond to farmers' needs.

TARGET GROUP
Agricultural extension and research staff from the Government, Non-Government and Private sector organizations.

COST OF TRAINING
US Dollars 2,500 per participant.

HOW TO APPLY
Online via www.act-africa.org/cacourse/onlineereg.html

Limited chances
available
APPLY NOW

TRAINING SCHEDULE AND VENUES			
Location	Date	Application deadline	Training language
Arusha, Tanzania	10-19 May 2010	31 st March 2010	English
Maseru, Lesotho	7-16 June 2010	30 th April 2010	English
Duquoyville, Burkina Faso	8-18 Aug 2010	31 st June 2010	French
Lusaka, Zambia	11-21 Oct 2010	31 st Aug 2010	English

For more information about the training log on to www.act-africa.org/cacourse/cacoursebrochure.pdf





**African Conservation
Tillage Network**

*Learn with the Conservation
Agriculture experts*

P.O. BOX 16375-00100, Nairobi, Kenya
Tel: +254 20 4444242, Fax: +254 20 4451391,
Email: cacourse@act-africa.org, Web: www.act-africa.org

EXHIBITION

Following exhibition had been shown recently in Bali. We appreciate the permission of David Booth to let us have the following hand-out with a number of beautiful pictures made by children of Bali shown in our HOT NEWS. If interested you may ask David for details of some pictures of local scenes of Bali Island. Your purchase of some of them will truly help poor children of North Bali where David is working.



EAST BALI POVERTY PROJECT



David J Booth MBE, Founder & Chairman
EBPP, PO Box 3850 Denpasar, Bali; Tel: (62) 0361 410071 (hunting); Fax: (62) 361 430785
Email: info@eastbalipovertyproject.org; Homepage: www.eastbalipovertyproject.org

Press release, 13 March 2010

Through the Eyes of Children Children's Art Expo in Bali March 21–April 30, 2010 in Support of the East Bali Poverty Project.

Reproduced with permission of Bali Discovery Tours. <http://www.balidiscovery.com>

(3/13/2010) The children assisted by the *East Bali Poverty Project's (EBPP)* will launch a second art exhibition on from **March 21 – April 30, 2010** presenting 130 paintings in various mediums.

Following a successful inaugural exhibition held in June 2009, this year's exhibition will return to the *Three Monkeys Cuisine and Art Café* in Ubud. Last year's exhibition saw the art work of the talented mountain children snapped up by eager collectors, precipitating an early closure to the exhibition. Accordingly, the public is urged to visit this year event as soon as possible following its opening on March 21st.





Partially in response to the talent displayed at last year's show, a number of professional artists have visited the children over the past year to share their knowledge and skills. This has further emboldened the young child artists who now are experimenting with different styles and mediums across a broad spectrum of art. The subjects remain the same: Balinese temples, traditional ceremonies, finely detailed coconut palms, magnificent landscapes and the daily life in Bali's mountain villages.

The children, who live in one of Bali's most remote and impoverished communities, have discovered art as a means of expressing the dreams and aspirations for the future. The remarkable story of bottom up development implemented by the *East Bali Poverty Project* has been celebrated in a book "*Learning by Doing*" documenting the success of bringing water supplies, education and home gardens to the people of East Bali. That book, now distributed internationally, was illustrated with drawings made by the children of EBPP.

Despite the poverty of their region, the children have expressed strong sentiments to remain in their villages and develop a better future for themselves and their families. Relying on educational programs provided by EBPP, the children are busily developing skills, with creative art at the forefront, in the hope of establishing sustainable businesses as the vehicles for social and economic development.

The children of Cegi in East Bali recently established their own art cooperative "*Koperasi Sekolah Cegi Dewata Suka Maju*". Although still in school, many will graduate senior high school in 2010 and some, like Wayan Lias, with more than 50 paintings in the current exhibition, aspire to continue their art education and become professional artists.

The current exhibition has been made possible by *Bali Art Media* who have professionally framed 33 paintings and mounted 100 more, Balinese artist I Made Budhiana who has acted as a consultant, Don Jensen who has photographed much of the collection, and Sarita Newson of *Saritaksu Publications* who created invitations and catalogs. *Three Monkeys Cuisine and Art Café* have donated their premises for the exhibition.

Visions of Art through the Eyes of Mountain Children – A Children's Art Exhibition

March 21 – April 30, 2010 – Open Daily from 4:00 pm until 7:00 pm

Three Monkeys, Cuisine & Art Café - Jalan Monkey Forest, Ubud

For more information telephone ++62(0)361 410071 or ++62(0)361 975544.
Email: info@eastbalipovertyproject.org; Homepage: www.eastbalipovertyproject.org

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CONTEST

FAO International Art Competition - Biodiversity

<http://www.fao.org/climatechange/youth/60638/en/>

The Young Hands Together for Diversity International Art Competition is part of a worldwide youth education initiative on biodiversity to provide children and young people with useful information and help them participate in protecting, preserving and improving biodiversity in their communities.

The theme for the competition is “biodiversity” and what it means to young people around the world. For example, in their artwork, children and youth may explore the amazing variety of life on the planet, the richness of ecosystems, the reasons why biodiversity is being lost, or the things people are doing to protect biodiversity. The winning artwork may be used to make the activity badges and logos for the “Young Hands Together for Diversity” initiative. All submissions will be considered for use in “Young Hands Together for Diversity” posters, publications and T-shirts and in other United Nations publications.

The competition is open to children and young people between 6 to 20 years in three age categories: 6-10 years, 11-15 years and 16-20 years. The competition was launched on 28 January 2010 and closes on **15 June 2010**. We invite young people around the world to submit their biodiversity artwork. Last year there were 1,400 entries from 46 countries around the world.

The organizers of the competition are Biodiversity International (BI), the Convention on Biological Diversity (CBD), the Food and Agriculture Organization of the United Nations (FAO) and the World Association of Girl Guides and Girl Scouts (WAGGGS). The competition is an activity of the Youth and United Nations Global Alliance (YUNGA) and The Green Wave for biodiversity.

WORLD DAYS

▲ World Water Day – March 22, 2010



Farmers as key actors for water quality in agriculture

▲ 40th Anniversary of Earth Day – April 22, 2010

For background information about Earth Day visit <http://www.earthday.org/earthday2010> The Monsanto feature is at http://www.monsanto.com/features/earth_day.asp?WT.svl=2

▲ World Book and Copyright Day - April 23

By celebrating this Day throughout the world, UNESCO seeks to promote reading, publishing and the protection of intellectual property through copyright.

23 April: a symbolic date for world literature for on this date and in the same year of 1616, Cervantes, Shakespeare and Inca Garcilaso de la Vega all died. It is also the date of birth or death of other prominent authors such as Maurice Druon, K.Laxness, Vladimir Nabokov, Josep Pla and Manuel Mejía Vallejo. It was a natural choice for UNESCO's General Conference to pay a world-wide tribute to books and authors on this date, encouraging everyone, and in particular young people, to discover the pleasure of reading and gain a renewed respect for the irreplaceable contributions of those who have furthered the social and cultural progress of humanity.

The idea for this celebration originated in Catalonia where on 23 April, Saint George's Day, a rose is traditionally given as a gift for each book sold. The success of the World Book and Copyright Day will depend primarily on the support received from all parties concerned (authors, publishers, teachers, librarians, public and private institutions, humanitarian NGOs and the mass media), who have been mobilized in each country by UNESCO National Commissions, UNESCO Clubs, Centres and Associations, Associated Schools and Libraries, and by all those who feel motivated to work together in this world celebration of books and authors.

- Download the poster of the Day in high-resolution PDF for your printing and reproduction needs (2 Mo, 42x27 cm):
 - [Poster with text](#) in English and French
 - [poster](#) - adaptable version

NEW INFORMATION SOURCES

BOOKS

New titles from EARTHSCAN



▲ [Biocultural Diversity Conservation](#)



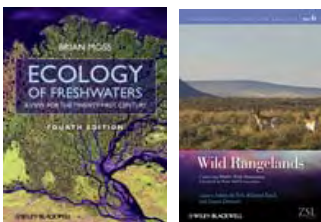
A Global Sourcebook from Earthscan
By *Luisa Maffi and Ellen Woodley*
Publication date: 19th February 2010



'All of the world's cultures are utterly dependent upon the biodiversity among which they live. Each culture has developed ways of adapting to their biodiversity, drawing on nature for goods, services, inspiration, mythology, and much else besides. Biocultural Diversity Conservation is a treasure trove of the many approaches that have been taken by the world's diverse cultures to maintain the biological systems upon which they depend. This invaluable resource will certainly find great utility in all parts of the world and among many disciplines.'

Jeffrey A. McNeely, Senior Science Advisor, IUCN

NEW TITLES FROM WILEY



▲ **Soil Biology and Agriculture in the Tropics** by Dion, Patrice (Ed.) **Springer**, 2010, XIII, 350 p., Hardcover ISBN: 978-3-642-05075-6. The relationships between soils, microbes and humans are of crucial relevance in the tropics, where plant stress and microbial activity are exacerbated. This volume of Soil Biology presents the living component of tropical soils, showing how it is shaped by environmental conditions and emphasizing its dramatic impact on human survival and well-being. Following an introduction to the specificities of tropical soils and of their microbial communities, the biological aspects of soil management are examined, dealing with land use

change, conservation and slash-and-burn agriculture, the restoration of hot deserts, agroforestry and paddy rice cultivation. As they are of particular relevance for tropical agriculture, symbioses of plants and microbes are thoroughly covered, as are the biodegradation of pesticides and health risks associated with wastewater irrigation. Lastly, traditional soil knowledge is discussed as a key to our sustainable presence in this world. (From IUSS Alert)

▲ **Nutrient Uptake, Removal and Recycling by Crops** by Dr HLS Tandon and Dr Y. Muralidharudu. 2010. ISBN: 81-85116-61-X. Pages 167+xvi. **Fertiliser Development and Consultation Organisation**, India, Email: fdco@airtelmail.in or fdco@vsnl.net Price:US\$60 (inclusive of airmail delivery). This compilation and analysis is probably the first one which is exclusively devoted to nutrient uptake, removal and recycling by crops. All major and micro plant nutrients are covered for over 180 crops. These include cereals, millets, grain legumes, crops yielding oils, sugar, fibre, fruits and nuts, vegetables, fodders and forages, pastures, stimulants, plantation crops, tubers, edible roots, those used as spices and for garnishing, medicinal and aromatic plants, industrial crops such as mulberry, cluster bean and rubber and finally, some forest tree species. The impact of soil-climate conditions, crop cultivar, season and soil fertility level/ fertiliser application on nutrient uptake in relation to economic yield is discussed in relation to absolute yield, per tonne yield production basis and the N:P:K ratios in which these are absorbed with and without fertiliser application. Where information is available, partitioning of the absorbed nutrients into various plant parts (both removed from the field and recycled) and their fate is dealt with. Two conclusions drawn are that (i) nutrient uptake estimated at harvest is not necessarily the maximum nutrient uptake by the crop and (ii) nutrient uptake cannot be equated with nutrient removal in most cases. (From IUSS Alert)

▲ **Soil and Water Conservation Advances in the United States**. Ted M. Zobeck and William F. Schillinger, editors. ISBN 978-0-89118-852-0. Hardcover, 320 pp. Have agricultural management efforts begun in the desperation of the Dust Bowl brought us to where we need to be tomorrow? Questions about the environmental footprint of farming make this book required reading. Approximately 62% of the total U.S. land area is used for agriculture, and this land also provides critical ecosystem functions. Authors from each region of the continental United States describe the progress of soil and water conservation to date and visualize how agricultural production practices must change in future years to address the newest challenges. Available here (From IUSS Alert)

▲ **Trace Elements in Soils**. P. Hooda (Ed). Hardcover 592 pages. April 2010, Wiley-Blackwell. ISBN: 978-1-4051-6037-7. Trace elements occur naturally in soils and some are essential nutrients for plant growth as well as human and animal health. However, at elevated levels, all trace elements become potentially toxic. Anthropogenic input of trace elements into the natural environment therefore poses a range of ecological and health problems. As a result of their persistence and potential toxicity, trace elements continue to receive widespread scientific and legislative attention. *Trace Elements in Soils* reviews the latest research in the field, providing a comprehensive overview of the chemistry, analysis, fate and regulation of trace elements in soils, as well as remediation strategies for contaminated soil. Written as an authoritative guide for scientists working in soil science, geochemistry, environmental science and analytical chemistry, the book is also a valuable resource for professionals involved in land management, environmental planning, protection and regulation. (From IUSS Alert 59)

▲ **Soils, Plants and Clay Minerals**. B. Velde & P. Barr?. Springer. ISBN 978-3-642-03498-5. Hardcover, 349 pp. This book considers the inter-relations between plants and minerals in an entirely new way, in that it introduces the notion of eco-engineering: i.e. the manipulation of the mineral world by the living world to the ends of the living world. These inter-relations are the basis for traditional agriculture and should be the basis for new, ecologically oriented land management disciplines, including agriculture itself. These relations also have an impact on surface geochemistry and determine pollution problems. A better understanding of this concept will lead to a renewed consideration of surface environmental problems. (From IUSS Alert 59)

▲ **Electrochemical Remediation Technologies for Polluted Soils, Sediments and Groundwater**. K.R. Reddy & C. Cameselle. Wiley, October 2009. Hardcover, 732 pages. ISBN: 978-0-470-38343-8. Electrochemical technologies are emerging as important approaches for effective and efficient pollution remediation, both on their own and in concert with other remediation techniques. *Electrochemical Remediation Technologies for Polluted Soils, Sediments and Groundwater* provides a systematic and clear explanation of fundamentals, field applications, as well as opportunities and challenges in developing and implementing electrochemical remediation technologies. Written by leading authorities in their various areas, the text summarizes the latest research and offers case studies that illustrate equipment, installation, and methods employed in real-world remediations. Divided into nine sections, the coverage includes: Introduction and fundamental principles, Remediation of heavy metals and other inorganic pollutants, Remediation of organic pollutants, Remediation of

mixed contaminants, Electrokinetic barriers, Integrated (coupled) technologies, Mathematical modeling, Economic and regulatory considerations, Field applications and performance assessment. Unique as a comprehensive reference on the subject, *Electrochemical Remediation Technologies for Polluted Soils, Sediments and Groundwater* will serve as a valuable resource to all environmental engineers, scientists, regulators, and policymakers. (From IUSS Alert 59)

▲ **Booklets from PACA, New Delhi:** Continuing with our effort to build the knowledge base, we have now uploaded our second booklet in the education series titled, "Soil Degradation". An even more fulfilling moment is the release of our first language booklet - we have uploaded the Hindi version of the English Education Series title released earlier, "Our Soil Resource". Both these publications can be downloaded from our website www.conserveagri.org/content.htm - the (New) tag against them will help in easy identification.

REPORTS



▲ Rethinking Agriculture

How innovative agriculture can help adapt to a world of changes in the Greater Mekong Subregion

Find out how to:

- Build resilience and wealth for rural communities
- Revive ecosystems
- Meet doubling future food demands
- Cope with climate change

www.iwmi.org/News_Room/Rethinking_Agriculture/

IWMI RELEASED:

Media release: www.iwmi.org/News_Room/Outstanding_Scientist

Essay: www.iwmi.org/About_IWMI/25_Years/Changing_Face_of_Development.aspx

New Publication: www.iwmi.org/Publications/index.aspx

Coming Soon: www.iwmi.org/News_Room/Archives/Water_Management_Summit/

▲ FAO Agri-biotech Report Available Online

The Report of the Food and Agriculture Organization (FAO) technical conference on Agricultural Biotechnologies in Developing Countries (ABDC-10) in Guadalajara, Mexico on 1-4 March 2010 is now available at <http://www.fao.org/biotech/abdc/>.

The conference discussed the application of biotechnologies across the different food and agricultural sectors in developing countries. Lessons of the past were analyzed and options identified to face the challenges of food insecurity, climate change and natural resource degradation.

▲ USDA Gain Report on Biotechnology Law in Turkey

The USDA has recently released information on the passing of the National Biosafety Law in Turkey. The USDA/FAS GAIN Report discusses Turkey's National Biosafety Law which will regulate the production, sale and import of all products of, containing, or derived from biotechnology except for pharmaceuticals and cosmetics. The report includes a chronology of events that lead to the passing of the Law as well as the text of the Law which the president of Turkey is expected to sign within the week. The full report is downloadable at http://gain.fas.usda.gov/Recent%20GAIN%20Publications/Turkey%20Biotechnology%20Update_Ankara_Turkey_3-19-2010.pdf

▲ Nature as a Model for Ecological Intensification of Agriculture

The French Centre for Agricultural Research and Development (CIRAD) has recently published a report on *La nature comme modèle, pour une intensification écologique de l'agriculture* or *Nature as a model for ecological intensification of agriculture*. The 15-page brochure deals on how to build sustainable farming systems capable of feeding nine billion people by 2050 and providing them with energy and biomaterials, while preserving the environment and resources. Specifically, the discussion revolves around nature as a model, the humid tropical climate, the dry tropical climate, the Mediterranean climate, and agricultural research and innovation. The brochure is downloadable at <http://www.cirad.fr/en/news/all-news-items/articles/2010/ca-vient-de-sortir/la-nature-comme-modele>

▲ Italian Farmers Lose USD 475 M Annually By Not Being Allowed to Grow GM Corn

According to Futuragra, a pro-biotech farmers' organization in Italy, Italian farmers lose an estimated €175 (USD 273) to €400 (USD 543) per hectare because they are not allowed to grow *Bt* corn, resulting in total annual losses of €150 million (USD 203 million) to €350 million (USD 475 million). The EU Council of State has recently ordered the Italian Ministry of Agriculture to permit biotech cultivation. This threw into relief the financial implications of prohibiting biotechnology, says a new report by the US Department of Agriculture's Foreign Agricultural Service (USDA FAS). *Bt* corn has been approved for environmental release in the European Union since 1998. However, cultivation of the GM corn is prohibited in Italy. Download the report at http://gain.fas.usda.gov/Recent%20GAIN%20Publications/The%20Financial%20Cost%20to%20Corn%20Growers%20of%20Italy%27s%20Ban%20on%20Biotechnology_Rome_Italy_2-11-2010.pdf

HANDBOOKS, MANUALS

▲ Sustainable Food Lab and SAI Platform launch 'Cool Farm Tool' to assess opportunities for climate-friendly farming

At least a dozen companies representing the Sustainable Food Lab and the Sustainable Agriculture Initiative (SAI) Platform are teaming up to estimate the greenhouse gas footprint of specific farming systems and to talk with farmers to figure out how to reduce that footprint as rapidly and efficiently as possible. This estimation tool, the 'Cool Farm Tool', will be applied over the next 12-15 months to help companies and farmers understand the most effective mechanisms for reducing agricultural greenhouse gas emissions.

▲ Farming on the Edge – American Farmland Trust

The American Farmland Trust conducted this national study showing the relationship between high-quality farmland and land development in America. It details the importance of high-quality farmland and how its being lost to development. It shows sprawling development and the threat to farmland state by state. To view the study, visit <http://www.farmland.org/resources/fote/default.asp>

▲ **Smart, Green & Growing Planning Guide - Maryland Department of Planning** This guide provides the history and an introduction to land use planning in Maryland, which includes protecting the state's valuable resources and implementing smart, sustainable growth. It gives an overview on the State's legislation and laws governing planning. To view the guide, visit http://www.mdp.state.md.us/PDF/OurProducts/Publications/otherPublications/SGG_Guide_09_Web.pdf

▲ Landowner Guide to Buffer Success

This guide provides necessary information for any landowner to restore a forested buffer, which has multiple benefits and is important for a healthy ecosystem and stream. It gives insights from conservation professions with real-world experience. The guide is written especially for those participating in the USDA's Conservation Reserve Enhancement Program (CREP), but can be used by anyone wishing to improve their property. <http://www.creppa.org/pdf/landowner%20guide%20revised%2030oct07.pdf>

▲ BMP of the Month: Infiltration Trench

An Infiltration Trench is a Best Management Practice (BMP) that consists of a pipe with holes in it located in a flat stone filled trench. Water enters through the pipe, leaks out through the stone bed, and infiltrates into the soil. Infiltration trenches should be designed on soils with good infiltration rates and should have an overflow system to handle large storms. This BMP reduces stormwater volumes and peaks, increases groundwater recharge, and improves water quality.

To view the Pennsylvania Stormwater Best Management Practices Manual, visit <http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-8305>

▲ Groundwater Vulnerability

Fresh water accounts for 2.5% of the earth's water. About two thirds of this water is frozen in glaciers and the poles, leaving only 1% of the earth's water for human, animal and plant use. Of this 1%, only 1% is contained in lakes, rivers and swamps. The rest is found underground. Groundwater aquifers can be contaminated by septic systems, hazardous waste sites, landfills, salt, fertilizers, pesticides, and other chemicals.

By David A. Gabel, *Environmental News Network*, March 25, 2010
http://www.enn.com/top_stories/article/41145

NEWSLETTERS/BROCHURES/BULLETINS/MAGAZINES



▲ Access <http://www.congresoeuropeoac.eu/en> and request your copy of Ecoagriculture Partners Newsletter regularly.



- ▲ [PACA Newsletter Issue 12.pdf](#) or access www.conserveagri.org

Operated by I.P. Abrol, Centre for Advancement of Sustainable Agriculture (CASA) abrolip@gmail.com and Sanjeev Vasudev, Society for Strategy Technology & Delivery for Development (SocietySTADD) svasudev@conserveagri.org

▲ CA-CoP Alert 9

1. Scaling-up Conservation Agriculture in Africa ([read the full document](#))
2. Proceedings of the International Workshop, ACSAD, 7-9 May 2007, Syria ([read the full document](#))
3. Cooling the Earth: International Conference (www.gbpuat.ac.in)
4. The Case for Improving Soil Health (www.fao.org/ag/ca/doc/WORKSHOP-LR.pdf)
5. Farming for the Future ([PDF version of the manual](#))
6. Conservation Agriculture Toolbox for Zimbabwe ([read the full document](#))
7. CAIR News ([available as PDF copy](#))
8. International Training Course on Conservation Agriculture (www.act-africa.org)

CA-CoP Alert 10

1. WOCAT – World Overview of Conservation Approaches and Technologies.
2. LANDCON e-LIBRARY: Our Gift to the Earth (from WASWAC).
3. "European Congress on Conservation Agriculture: Towards agroenvironmental, climate and energetic sustainability", to be held in Madrid 4-7 October 2010.
4. Updating CA Data base in AquaStat, FAO.
5. Conservation Agriculture Website at Cornell
6. Articles on No-Tillage by Tom Borland in the Farmer's Weekly (Zambia), February-March 1980.
7. European Society of Agronomy Congress, 29 August to 3 September 2010, Montpellier.

For your copy of **CA-CoP Alert** to be sent to you regularly, write to **Amir Kassam** at amirkassam786@gmail.com, www.fao.org/ag/ca

▲ SOIL Action Newsletter - European Soil Portal: <http://eusoils.jrc.ec.europa.eu> **Volume 15, March 2010** eusoils@jrc.ec.europa.eu

Soil pH in Europe

The JRC created a quantitative map of estimated soil pH values across Europe from a compilation of 12,333 soil pH measurements from 11 different sources, and using a geo-statistical framework based on Regression-Kriging. The map can be downloaded as a graphical file or as data. Its spatial coverage is 25 Member States of the European Union, Norway, Switzerland, Croatia, Albania. The data are available as a raster (ESRI GRID), in the ETRS89 Lambert Azimuthal Equal Area Co-ordinate System; Temporal coverage: 2009.

<http://eusoils.jrc.ec.europa.eu/library/data/ph/>

Integration of the Soil Database of Turkey into European Soil Database

In order to extend the Soil Geographical Database to the countries of Mediterranean Basin, the implementation of soil geographical database of Turkey at 1:1 million scale was done. In the current report, you will be informed about the preparation of soil database of Turkey compatible with European database and how the Turkish soil data have been integrated the European Soil Database. A number of attributes have been transformed from local/national soil datasets while some attributes have been obtained from auxiliary datasets using remote sensing and GIS Techniques. http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/EUR24295.pdf

SCAPE: The way ahead

CAPE project (Soil Conservation and Protection for Europe) has given scientists the opportunity to discuss soil conservation and protection strategies in an informal way with people who are either responsible for finding solu-

tions, or being affected by them. Several hundreds of people have contributed to this book, either collectively or individually. They include the scientists, soil conservation and protection practitioners and stakeholders.

http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/SCAPE.pdf

▲ Biosafety Newsletter in Malaysia

The 'Biosafety Newsletter' published by the Ministry of Natural Resources and Environment (NRE), Malaysia is a joint effort with United Nations Development Programme - Global Environment Facility (UNDP-GEF) project. In pushing forward the Ministry's effort to have open communication with stakeholders and also in being transparent, the newsletter is an important tool to ensure that accurate information is given to all stakeholders and public in general. The publishing of this newsletter that zooms in on biosafety will be a useful communication tool to convey up to date information about the Biosafety Act and other related legislations for the purpose of raising awareness and giving unbiased information to all stakeholders and the public.

This newsletter is envisaged to be a reliable reference point on current issues and national policies concerning biosafety and to get reports of biosafety activities. This Biosafety Newsletter is an avenue to provide useful information about biosafety in general and publicize biosafety events, initiatives and training courses in Malaysia. This newsletter is published three times a year. An online version is also made available on the NRE biosafety website (<http://www.biosafety.nre.gov.my>).

▲ **New Newsletter:** The latest issue of the **History, Philosophy, and Sociology of Soil Science Newsletter** has been released. This issue includes information on the value of historical studies to scientists, a student writing contest, symposium plans for the 2010 WCSS in Brisbane, recent books and articles, and much more. The newsletter is available on the IUSS website by clicking on the "IUSS Newsletters" link and scrolling down to "Commission for History, Philosophy and Sociology of Soil Science" to "Number 17 – January 2010". (From IUSS Alert 58)

▲ It is my great pleasure to share with you our latest issue of **Between the Lines**, the Equator Initiative newsletter. This edition highlights the North American Launch of the International Year of Biodiversity, two Equator Initiative-supported "Brown Bag" events held at UNDP Headquarters, and a number of other developments in our work to support local and indigenous efforts in biodiversity conservation and poverty reduction. The Equator Initiative is also reaching out to Equator Prize winners from all four award cycles to participate in a collaborative project with the GEF-Small Grants Programme (SGP) and the Secretariat to the Convention on Biological Diversity (SCBD) entitled, "Biodiversity for Local Livelihoods".

The newsletter is available for download at: [Between the Lines April 2010](#)

Or write to eileen.de.ravin@undp.org



▲ Out now: Farming Matters, Going for MORE Animals

Livestock is very much under debate, as it is a big contributor to greenhouse gas emissions. What we should not forget is that most of these emissions come from countries using industrial farming practices, and that for family farmers, livestock is still, first and foremost, an opportunity. Hence the title of the latest issue of Farming Matters, which shows that there is a lot to be gained from intensifying livestock keeping in family farming. View the issue [here](#).

Sample issue of Farming Matters

Farming Matters (formerly LEISA Magazine) offers debate, interviews, opinions and background information on sustainable family farming. Are you not a subscriber and would you like to receive a sample copy of our latest issue? Or do you know of an organization that would really appreciate receiving this issue? Send an e-mail with your name, function, organisation you work for and address, or with the name and address of the organization or person you would like to have it send to, to Petra Rooijakkers (p.rooijakkers@ileia.org).

Debate

Livestock services: free or fee?

In the 1990s, when privatisation was the buzzword, many countries commercialised the provision of livestock services, such as vaccinations, advice and training. Has privatisation helped farmers? Or should governments remain responsible for livestock services in order to benefit society as a whole, and the poor in particular? [Join the debate](#).

The future of family farming

Can family farming produce enough food for the growing world population? we asked in our December issue Scaling up and sustaining the gains. [Here's](#) what our readers think.

Learning AgriCultures: first two modules available

ileia has a new educational series in the making, providing ideas for teaching about the principles behind sustainable small-scale farming. It consists of seven modules,

focusing on different sustainability issues. The interim versions of Modules 1 (Sustainable small-scale farming) and 2 (Soil and water systems) are now ready. The modules can be downloaded [here](#). Mail us at educators@ileia.org with your feedback.

Renew your subscription!

Do you want to continue receiving Farming Matters for free? If so, you MUST let us know! Farming Matters is supported by development funds. We need to make sure that those who subscribe to the magazine for free continue to read it and still want to receive it. Therefore we urgently ask you to renew your subscription before the end of April. People who do not renew their subscription, will be removed from our mailing list. You can renew [here](#).

On our blog

Our [blog](#) is on the list of '50 Best Farm and Agriculture Blogs', as compiled by [Onlinedegrees.net](#). So it is definitely worth a visit. Read, for example, the full report on our jubilee conference [here](#), or an interview with dr. Hijaba Ykhanbai, of the Mongolian Ministry of Nature, Environment and Tourism, on a new approach in Mongolia aiming to strengthen the governance of pastoralist systems.

Meet our editors in...

From April 26 to April 29, two editors of Farming Matters, Jorge Chavez-Tafur and Petra Rooijakkers, will be present at the World Congress of IAALD, the International Association of Agricultural Information Specialists, in Montpellier, France. Jorge will deliver a paper on how to document agriculture experiences, and Petra will promote the new Farming Matters. Are you also going and would you like to meet them? Send an e-mail to j.chavez-tafur@ileia.org.

On May 11 and 12, ileia will be present at the third Conference on Sustainable Agriculture, the Art of Farming, in Brussels. If you wish to contact us about this conference, please send an e-mail to p.rooijakkers@ileia.org.

Our next issue: Financing sustainable farming

Our September issue will cover issues related to financing of sustainable family farming. It will feature, among others, articles on topics such as micro-insurance, contract farming and a certification scheme for banks to help them decide whether farmers are credit-worthy or not. Apart from financing, there will be columns, interviews, practical examples from around the world, and news – on how the different regions in the world look at developments regarding genetically engineered crops, for example.

News from the AgriCultures Network

[LEISA India](#) has come out, for the second time, with special editions of the magazine, in Hindi and Kannada. The editions are specifically aimed at farmers and farmers' groups.

One of the editors of LEISA India, KSV Prasad, attended a meeting in Delhi organized by the World Rural Forum, which is campaigning worldwide to get the United Nations to declare an International Year of Family Farming. For information about this meeting, and the campaign, see our [blog](#).

Two editors of [LEISA China](#) visited an international workshop on sustainable food and agriculture in Beijing. Reports on the conference are not yet available, but the site of [IATP China](#) (Institute for Agriculture and Trade Policy) offers the agenda, and an interview that's worth viewing, on the role of agriculture in China, and the function of rural China. Our [Peruvian partners](#) have introduced a new section to their LEISA revista de agroecología at the beginning of the year: [Pautas para políticas](#) (Policy Guidelines). The pages point out to policy makers the relevance of biodiversity in maintaining a sustainable environment.

In Indonesia, our partners have completely renewed their magazine, formerly known as SALAM. It is now called PETANI Magazine, and offers, apart from articles, features, an advocacy section, a section on information and technology, a Question and Answer section, Tips, and Voice of Farmers.



▲ PCLG News

Promoting mutual learning on conservation-poverty linkages

Access www.povertyandconservation.info/en/newslst.php and write to ask for your copy.

JOURNALS



▲ [The International Journal of Agricultural Sustainability](#)

The leading international, peer-reviewed journal on agricultural sustainability.

This first issue for 2010 is a double special issue, meaning more articles and in-depth research to begin Volume 8. Two more issues for 2010 will follow.

Write to earthscan.books@earthscan.co.uk for a free sample copy.

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Earthscan Journals

[Advances in Building Energy Research](#)

[Architectural Engineering and Design Management](#)

[Architectural Science Review](#)

[Climate and Development](#)

[Climate Policy](#)

[Environmental Hazards](#)

[Greenhouse Gas Measurement & Management - New for 2011](#)

[Intelligent Buildings International](#)

[International Journal of Agricultural Sustainability](#)

[Journal of Sustainable Finance & Investment - New for 2011](#)

[Manual of European Environmental Policy](#)

[Studies in Conservation](#)

▲ [Journal of Plant Nutrition and Soil Science](#) **Managing Soils for Carbon Sequestration and Conservation** Soil management lies at the very heart of some of the biggest questions facing human development and now a special issue of [Journal of Plant Nutrition and Soil Science](#) has been launched to explore and understand this pivotal role. "The World is facing a trilemma of climate change, food insecurity, and the energy demand," says Dr Rattan Lal of Ohio University. "Therefore the objective is to describe the importance of sustainable management of global soil resources to meet the just needs of a growing population for food, feed, fibre and fuel, while also adapting to climate change. The answer lies in soils.' To read Dr Lal's review, and the other papers published in this special issue, visit the [journal home page here](#). **Contact:** lifesciencenews@wiley.com

WEBSITES (Mixed subjects)

▲ [Wind Energy taking off worldwide](#)

<http://www.wbcds.org/plugins/DocSearch/details.asp?type=DocDet&ObjectId=Mzc00Dc>

▲ The U.N. climate chief Yvo de Boer has resigned to join a consultancy group as an adviser, the U.N. climate secretariat said on Thursday, two months after a disappointing Copenhagen summit.

<http://link.email.washingtonpost.com/r/O914NF/01TWT/YBGINY/15X0FW/JNF3N/82/t>

▲ Winter Olympic medals made from recycled e-waste

When Olympic champions are crowned at this year's winter games in Vancouver, they will be playing a role in Canada's efforts to reduce electronic waste

▲ [Mekong River at record low flow](#)

<http://www.wbcds.org/plugins/DocSearch/details.asp?type=DocDet&ObjectId=Mzc1NTM>



▲ Charles Darwin, Earthquake Predictor

<http://news.sciencemag.org/sciencenow/2010/02/did-darwin-predict-chilean-quake.html>



▲ Invitation to visit updated website and featured mining reclamation project

We would like to invite you to visit our updated website <http://www.terraerosion.com/> where you can view a diversity of soil and water bioengineering project types including our new feature project; <http://www.terraerosion.com/projects/IndustrialReclamation-SyncrudeCanadaAlphaSwaleWIProject.htm> showing the rehabilitation of a re-constructed waterway on an overburden mine dump in the Alberta oil sand. Also featured is our new vegetated riprap design for streambank protection developed in 2005 and applied to large rivers in British Columbia and Alberta Canada <http://www.terraerosion.com/VegetatedRiprap.htm> In most cases this approach will negate the need for regulator's to require habitat alteration compensation.

Pierre Raymond, President

Terra Erosion Control Ltd. www.terraerosion.com

Tel: 250 352 2757, 250 352 2757, Fax: 250 352 2756

NOTE: You may see several powerpoint files as well as videos that we have sent to include in the LANDCON e-LIBRARY. Contact admin@terraerosion.com for more information.

▲ McDonald's launches major study to cut cows emissions in the UK

Fast-food chain McDonald's has launched a **three-year project** that would explore ways to cut greenhouse gas emissions from cows. The burger giant, which uses beef from 350,000 cattle a year, will study methane emissions from cattle across 350 UK farms.

▲ CARE-WWF payments for watershed services projects with small farmers progress in Tanzania and Kenya

In early 2008, CARE International and the World Wildlife Fund (WWF) **initiated a project in the Uluguru Mountains of Tanzania** to bring watershed services payments to farmers. Now in its implementation phase, the Equitable Payments for Watershed Services program has enrolled 450 farmers to implement land use projects including reforestation and soil conservation. The Dar es Salaam Water and Sewage Corporation (DAWASCO) and Coca Cola Kwanza Limited will pay between US\$30 and \$280 per hectare per year to the farmers, depending on project type, rewarding them for improving their land use practices and ensuring a cleaner water supply. Following the recent signing of a Memorandum of Understanding between buyers and sellers, the first payments are expected shortly. CARE and WWF are also working on a similar **project in the Lake Naivasha basin in Kenya** to compensate upstream farmers for improving water quality for downstream water users.

▲ New initiative aims to save the Papagayo river in Mexico

EcoLogic and the Regional Council of Sierra de Guerrero (CRESIG) have brought together a wide range of stakeholders, from academics to community leaders to government representative, to protect the Papagayo River. The group considers a watershed payments scheme to be a promising idea for the river, but a major challenge facing them is how to get the more affluent residents of Acapulco to pay the poorer communities of the Sierra de Guerrero for ensuring that the quantity and quality of water that reaches their city will remain high. They are now defining who exactly will be providing the watershed service and in what form it would come. They are also developing the institutional support structure for the providers to implement the necessary land management changes. Read more about it [here](#) .

▲ Carbon emissions begin to appear on food labels in Sweden

New labels listing the carbon dioxide emissions associated with the production of foods, from whole wheat pasta to fast food burgers, are appearing on some grocery items and restaurant menus around Sweden. Some of the proposed new dietary guidelines, released over the summer, may seem startling to the uninitiated. They recommend that Swedes favor carrots over cucumbers and tomatoes, for example. (Unlike carrots, the latter two must be grown in heated greenhouses in Sweden, consuming energy.) They are not counseled to eat more fish, despite the health benefits, because Europe's stocks are depleted. And somewhat less surprisingly, they are advised to substitute beans or chicken for red meat, in view of the heavy greenhouse gas emissions associated with raising cattle. If the food guidelines were religiously heeded, some experts say, Sweden could cut its emissions from food production by 20 to 50%. Read more [here](#) from the New York Times

▲ Kraft foods to purchase 30,000 tons of Rainforest Alliance-certified cocoa by 2012

Kraft Foods has launched the first mainstream chocolate products in Europe to carry the Rainforest Alliance Certified seal. The global food company has also committed to increase its current purchases of cocoa beans from Rainforest Alliance-certified farms ten-fold by the end of 2012, to 30,000 tons. Since 2005, Kraft Foods has been working with the Rainforest Alliance, together with leading development organizations in Germany

and the U.S. - Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) and the United States Agency for International Development (USAID) - as well as with cocoa trader, Armajaro, to support sustainable cocoa production in Cote d'Ivoire, West Africa. This project, the "Market-Oriented Promotion of Sustainable Certified Cocoa Production" project, has enabled six Ivorian cooperatives, representing over 2,000 farmers in the Daloa/Issia and Abengourou areas, to earn the Rainforest Alliance-certified seal. As a result, the last crop year improved yields and made significant productivity gains, in some cases above 50%, according to the project. The incidence of cocoa 'black pod' disease was also reduced by one third and farmer incomes have improved. Read more [here](#) from Environmental Leader.

▲ Certified sustainable palm oil trade exceeds 250,000 tons

More than 250,000 tons (metric tons) of certified sustainable palm oil have been purchased since it became available late last year, indicating the emergence of a market for sustainable palm oil. From September to November alone, more than 100,000 tons of palm oil or corresponding certificates were acquired by companies globally. The rise in sales of sustainable palm oil coincides with a growing number of companies publicly pledging to fully switch to sustainable palm oil within a certain time frame - most by 2015 - as all RSPO members are required to do. Read more [here](#) from Environmental Leader.

▲ Farmers are granted official status within the UNFCCC

The UNFCCC granted the request from the International Federation of Agricultural Producers (IFAP) for Farmers, as an organized group, for official status within the Convention. Subject to a 1 1/2 year trial period, the status includes privileges such as a dedicated Farmers office at UNFCCC meetings, access and speaking slots in restricted plenary sessions. This recognition indicates that the UNFCCC secretariat believes that farmers and agriculture will play a significant role in the Convention in the future. [IFAP has been a very effective advocate](#) for the agriculture and farmers agendas under the UNFCCC.

▲ FAO launches report on food security and climate change in developing countries

During the UNFCCC Barcelona Climate Change Talks in November, the [Food and Agriculture Organization of the United Nations \(FAO\)](#) launched a report, *Food Security and Agricultural Mitigation in Developing Countries: Options for Capturing Synergies*, that argues that the twin battles to improve food security for a growing world population and contain climate change can be fought on the same front – the world's farmland. According to FAO, agriculture not only suffers the impacts of climate change, it is also responsible for 14% of global greenhouse gas emissions. But agriculture has the potential to be an important part of the solution, through mitigation – reducing and/or removing – a significant amount of global emissions, FAO says. Some 70% of this mitigation potential could be realized in developing countries.

▲ **FAO reports examine the potential of organic agriculture and grasslands to mitigate climate change** The UN Food and Agriculture Organization (FAO) has released reports examining the potential for organic agriculture and sustainable management of grasslands to mitigate climate change. The report on organic agriculture, *Organic Agriculture and Carbon Sequestration: Possibilities and constraints for the consideration of organic agriculture within carbon accounting systems*, discusses the ways in which organic systems can meet carbon accounting requirements, including permanence, leakage and additionality, and how organic agriculture might be treated under existing carbon accounting standards. The report advocates for the development of guidelines for measurement and verification strategies suitable for organic agriculture and the development of pilot programs.

The second paper, *Review of Evidence on Drylands Pastoral Systems and Climate Change*, explains that grasslands have vast untapped potential to mitigate climate change by absorbing and storing CO₂, and that this could be greater than forests if properly managed. Covering some 30% of the earth's ice-free land surface and accounting for 70% of its agricultural land, the world's 3.4 billion ha of grasslands can also play a major role in supporting the adaptation and reducing the vulnerability to climate change of over one billion people who depend on livestock for a living.

▲ Australian scientists researching burp-less livestock

Australian scientists hold out hope that breeding a burp-less sheep can help the country reduce its emissions. About two-thirds of Australia's agricultural greenhouse emissions are produced from the guts of grazing livestock such as sheep and cattle. Scientists are testing different strains of sheep to find out which belch less methane. The Sheep Co-operative Research Centre is conducting a world-first study into about 700 sheep with 20 different genetic lines – each is fed, then shepherded into a booth where scientists measure their burp outputs. If a particular gene controls can be found for methane production, breeders may be able to select sheep that belch less and less methane. They also are considering a similar program for cattle. Read more [here](#) from the Herald Sun.

▲ **World Bank publishes note on reduced emissions and enhanced adaptation in agricultural landscapes** The World Bank has [published a note](#) emphasizing the role of good agricultural practices and integrated natural resource management in addressing both mitigation and adaptation to climate change in production landscapes. The note focuses on the role of good agricultural practices in protecting existing stocks of soil carbon in croplands, peatlands and wetlands; replenishing soil and biomass carbon and

improving productivity in degraded lands; and reducing greenhouse gas emissions from crop and grazing land.

▲ **Ecoagriculture Partners Chapter on 'Paying for biodiversity conservation in agricultural landscapes' published** EP's Sara J. Scherr, Jeffrey C. Milder and Seth Shames have written a chapter on *Paying for Biodiversity Conservation in Agricultural Landscapes* in a new book, *Agriculture, Biodiversity and Markets*, edited by Stewart Lockie and David Carpenter, in which they cover the rationale for paying farmers for biodiversity conservation, potential buyers, types of biodiversity conservation services farmers can provide, potential benefits and risks to farmers, barriers to widespread use of biodiversity payments, and ways to scale up biodiversity PES in agricultural landscapes.

▲ **FAO and EP hold DC roundtable assessing outcomes from Copenhagen on Agriculture and Climate Change**

Ecoagriculture Partners (EP) and the *Food and Agriculture Organization of the United Nations* (FAO) hosted a roundtable to discuss the outcomes at the Copenhagen Summit and in the 15th Conference of the Parties as part of an Agriculture and Climate Change Discussion Series on Monday January 11, 2010 at Conservation International in Arlington, Virginia. The session began with comments from Leslie Lipper, Senior Environmental Economist at FAO, who talked about the presence (or absence) of agriculture in the negotiations and side events. Next, Fred Boltz, Senior Vice-President, Global Strategies Climate Change at Conservation International, spoke about REDD+ and forest conservation as a part of the negotiations. The others participants then shared their experiences in the side events and negotiations, and discussed outcomes including the Copenhagen Accord, the Green Fund, the Adaptation Fund, and the Global Research Alliance on Agricultural Greenhouse Gases. Participants also discussed the implications of the US climate legislation process for the international negotiations. For information about future FAO-EP roundtables, please contact Sarah Fulton at sarah.fulton@fao.org.

▲ **CGIAR launches rural climate exchange blog connecting agricultural and environmental science to the climate change agenda**

The Consultative Group on International Agricultural Research (CGIAR) and their partners generate a wealth of knowledge that can better enable rural people in developing countries to mitigate climate change and adapt to its impacts. They have launched a *rural climate exchange blog* to help bring such knowledge to light, so it can better serve global efforts to cope with climate change.

▲ **PEPA project looking to partner with watersheds in the US**

The primary goal of *PEPA* (Performance-based Environmental Policies for Agriculture), a project of Winrock International in conjunction with the University of Vermont and Iowa State University Extension, is to help improve environmental quality and the cost-effectiveness of agricultural nonpoint source pollution (NSP) control by facilitating the development and use of performance-based incentives. The PEPA project is currently looking for watersheds to partner with in the US. If you know of a watershed that meets the PEPA *criteria* or are interested in learning more about performance based incentives, please contact PEPA at Jonathan R. Winsten, jwinsten@winrock.org.

▲ **Origin of Maps** You can get a beautiful documentaion in <http://www.gisdevelopment.net/history/index.htm>.

▲ **FAO Conference Reexamines Role of Biotechnology**

The feature article is at <http://www.cgiar.org/monthlystory/march2010.html>

▲ **Addressing Growth and Poverty in Asia and Latin America**

IFPRI's media release <http://www.ifpri.org/pressrelease/fostering-growth-reducing-poverty-and-hunger>

▲ **Biosafety South Africa to be Launched**

Read the wire release at <http://www.webnewswire.com/node/518813>

▲ **Nigerian Scientists Make Progress on Cowpea Breeding**

Visit <http://www.afrol.com/articles/35815> for the full article.

▲ **Rethink Rotations Before Switching to Organic Grains**

For more on this article, see <http://www.purdue.edu/newsroom/research/2010/100329AlexanderOrganic.html>

▲ **No-till Cropping Revolution Drives Widespread Change**

A research study conducted by the Grains Research and Development Corporation of Australia reports a detailed insight into the status of no-till and conservation cropping in major grain growing regions of Australia. The report is based on a study involving 1172 growers from 19 selected grain growing regions in South Australia,

Victoria, New South Wales, Western Australia and southern Queensland. The report showed that no-till adoption in Australia is extensive and is being sustained across a wide range of regions.

http://www.grdc.com.au/director/events/mediareleases?item_id=989B0EF9CF932E0FD6B08BC979B1EF42&pageNumber=1

▲ **PhilRice Promotes New Rice Varieties for Adverse Environments**

http://www.philrice.gov.ph/index.php?option=com_content&task=view&id=1045&Itemid=103

▲ **Researchers Look at Reducing Yield Loss for Crops Under Stress**

For more information, see <http://www.news.iastate.edu/news/2010/mar/psistress>

▲ **Visit the following URL for SWAT SEA 2009 in Chiang Mai**

<http://www.trfdss.net/SWAT/index.php> Thanks to Phennapa/Jazz for their effort with the new commercial server host. Attachai

▲ **CGIAR's Open Access and International Collaboration**

For the full article view <http://www.thecommonsjournal.org/index.php/ijc/article/view/147/147>

▲ **Tanzania PM Gives Support to Use of Biotech in Agriculture**

For more crop biotech news about Tanzania, email Dr. Nicholas E Nyange, Chief Research Officer and Programme Officer of the Biotechnology & Biosafety Directorate of Research, Dar es Salaam at nicholasnyange@yahoo.com or nnyange@costech.or.tz

▲ **SCRI Support for Farmers in Malawi**

For details, view the article at <http://www.scri.ac.uk/news/malawi>

▲ **US Court Allows Planting and Harvest of GM Sugar Beets**

View the story at: <http://www.gmo-compass.org/eng/news/496.docu.html>

▲ **Global Crop Biotech Network Meet in Beijing** Representatives from the International Service for the



Acquisition of Agri-biotech Applications' (ISAAA) Global Knowledge Center on Crop Biotechnology and its network of Biotechnology Information Centers (BICs) converged in Beijing, China from March 23-25, 2010 to discuss knowledge sharing initiatives and science communication strategies to foster greater understanding of the technology. ISAAA's Global Coordinator Randy Hautea noted that the network was the only one of its kind in the world and is a powerful information network that addresses the developing world's thirst for science-based

information.

Dr. Zhu Zhen of the Chinese Academy of Science briefed the group on genetic modification technology in China noting that the country is fast gaining recognition for its efforts to use biotech tools to improve agricultural productivity. Just recently, China approved biosafety certificates for Bt rice and phytase maize. Dr. Jikun Huang of the Chinese Academy of Agricultural Sciences discussed farmer acceptance of GM crops noting that there has been a general positive acceptance of Bt cotton due to benefits in terms of yield and health considerations. For further information about the meeting contact Hongxiang Zhang of the China Biotechnology Information Center at zhangx@mail.las.ac.cn

▲ **Key Environmental Issues Facing the Arab Region**

<http://www.unep.org/Documents.Multilingual/Default.asp?DocumentID=617&ArticleID=6500&l=en&t=long>

▲ **New Research Institute for Food and Climate Change**

The Scottish Crop Research Institute (SCRI) in Invergowrie, Dundee and the Macaulay Land Use Research Institute in Aberdeen, have agreed to set up an institute to strengthen Scotland's research capacity in food, land use and climate change, and enhance international competitiveness. It is expected to be the first of its kind in Europe. Cabinet Secretary for Rural Affairs and the Environment Richard Lochhead said: "Scientific research is hugely important to our support for rural industries, our drive to grow the food and drink sector and our efforts to tackle global issues such as climate change and food security." SCRI has international development links to Africa and trade links to China while Macaulay is active in more than 40 countries worldwide.

For the news from SCRI visit <http://www.scri.ac.uk/news/newinstitute>

▲ Website About Safety of GM Crops

Two professors have created a new website called Academics Review (<http://academicsreview.org>) to set the record straight about the proven safety of GM crops. Dr. David Tribe is a biotechnologist and microbiologist at the University of Melbourne and Dr. Bruce Chassy works in food safety and human nutrition at the University of Illinois. The website analyzes negative claims about GM crops on the basis of available evidence, the peer-reviewed scientific literature, and scientific logic. The website is designed as a platform for critical scientific review of issues relating to food, food safety, agriculture, nutrition and GM crops. In the coming months, other issues and expert opinion will be added to the website. For more information contact Bruce Chassy at chassy.ar@gmail.com.

▲ Regional Climate Model for Crops in Africa

View the full article at <http://allafrica.com/stories/201002240894.html>

▲ Cloned Gene Being Used to Develop Aluminum Tolerant Crops

For details, see the story at <http://www.news.cornell.edu/stories/Feb10/aaasKochian.html>

▲ Crop Bio-Breeding Industry Development Summit in Beijing

The Crop Bio-breeding Industry Development Summit cosponsored by the Chinese Society of Biotechnology (CSBT) and Chinese Society of Agricultural Biotechnology (CSABT) was held on February 25 in Beijing, China. More than 150 officers and experts from Ministry of Agriculture (MOA), Chinese Academy of Sciences (CAS), Chinese Academy of Agricultural Sciences (CAAS), Peking University, China Agricultural University and relevant bio-corporations participated in this conference. For more information on crop biotech developments in China, contact Prof. Zhang Hongxiang of the China Biotechnology Information Center at zhanghx@mail.las.ac.cn

▲ India's Prime Minister Bats on GM Crops for Food Security

Visit the Press Information Bureau (PIB) for the article 'PM holds consultation on the role of biotechnology in food security' available at <http://pib.nic.in/release/release.asp?relid=58322> See also <http://www.indianexpress.com/news/bt.-brinjal/583749/> For more information about biotech developments in India contact b.choudhary@cgiar.org and k.gaur@cgiar.org

▲ Dow and Victorian Government Ink Biotech Agreement

The press release is available at <http://new.dpi.vic.gov.au/about-us/news-and-events/news/media-release-listing>

▲ New Public-Private Collaboration Aims to Develop High Yielding Maize for Africa

For more information, read

<http://www.pioneer.com/web/site/portal/menuitem.46a38374fe929fcde580e580d10093a0/>

▲ Improved Maize Varieties Give West and Central African Farmers Hope

The press release is available at

http://www.iita.org/cms/details/news_feature_details.aspx?articleid=3286&zoneid=342

▲ African, Arab Ministers Meet on Action Plan to Improve Agricultural Productivity

See Africa Union's press release at <http://www.africa-union.org/root/au/index/index.htm>

▲ Bangladeshi Agric Minister: Encourage Farmer to Adopt Modern Technology

Bangladeshi Minister for Agriculture Matia Chowdhury challenged the country's agriculturists to produce food to make the country food sufficient. She said that varieties resistant to salinity, drought, submergence, pests and diseases should be developed through both conventional breeding and genetic engineering to mitigate food shortage of the country. The Minister was the Chief Guest during a seminar on *Institutional reforms in agricultural sectors* at the Agriculturists Institution Bangladesh on February 12. She told an audience of 3,500 agriculturists that more experts will be posted at the grass root level (Union Parishad) to encourage farmers to adopt high technology agriculture. For more news about crop biotechnology development in Bangladesh email Dr. Khondoker Nasiruddin of the Bangladesh Biotechnology Information Center at nasirbiotech@yahoo.com

▲ India's Minister of Agriculture Backs GM Crops for Food Security

For more details visit <http://www.pib.nic.in/release/release.asp?relid=57918> and <http://www.icar.org.in/node/1065>
For more information about biotech development in India contact b.choudhary@cgiar.org and k.gaur@cgiar.org

▲ Switzerland Extends Moratorium on GM Crops

The original story by GMO Compass is available at <http://www.gmo-compass.org/eng/news/488.docu.html>

▲ Positive Link Between Population Growth and Emissions of Greenhouse Gasses from

Agriculture The abstract of this study is available at

[http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VP6-4XV451J-1&_user=9229648&_coverDate=04%2F30%2F2010&_rdoc=2&_fmt=high&_orig=browse&_srch=doc-info\(%23toc%236198%232010%23999869997%231783336%23FLA%23display%23Volume\)&_cdi=6198&_sort=d&_docanchor=&_ct=12&_acct=C000070094&_version=1&_urlVersion=0&_userid=9229648&_md5=2da73cf0c6e21d74afe1dcf624c7a96f](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VP6-4XV451J-1&_user=9229648&_coverDate=04%2F30%2F2010&_rdoc=2&_fmt=high&_orig=browse&_srch=doc-info(%23toc%236198%232010%23999869997%231783336%23FLA%23display%23Volume)&_cdi=6198&_sort=d&_docanchor=&_ct=12&_acct=C000070094&_version=1&_urlVersion=0&_userid=9229648&_md5=2da73cf0c6e21d74afe1dcf624c7a96f).

▲ Ethiopia Committee on Biotech Formed

For more information contact Dr. Tilahun Zeweldu at zeweldu@gmail.com

▲ Improved Cowpea Varieties In Nigeria's Savanna Region

For more details, see the press release at

http://www.iita.org/cms/details/news_feature_details.aspx?articleid=3488&zoneid=342

▲ Americans Value the Nutritional Essence of Brown Rice

See the complete news report at <http://www.ars.usda.gov/is/AR/archive/apr10/rice0410.htm>.

▲ Ending the Food vs Fuel Debate

Read the press release from MSU at <http://news.msu.edu/story/7750/>

▲ ISU and Kenyan University to Establish Africa Seed Institute

For details, see the news release at http://www.soyatech.com/news_story.php?id=18198

▲ If you want to join nidokidos group

Get Funny Pictures, Interesting Articles, Funny Video Clips, Audio Songs, Presentations, Links and a lot of stuff that you will love to see in your InBox.

The easiest method to join our email list, write your e-mail address in text box below and click on "join nidokidos" button (or access the website www.nidokidos.org and send your e-mail address from there)

<input type="text" value="Your email address here"/>	<input type="button" value="Join Nidokidos"/>
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▲ National Geographic Birding

This brand-new guide has colorful images and important information including an interactive bird identifier, bird photos, bird puzzles, and more. To identify a bird you've seen, just answer a few simple questions and the interactive bird identifier will give you suggestions of the possibilities. This is an easy and fun way to learn more about birds and to stay connected to our environment. Have fun! http://animals.nationalgeographic.com/animals/birding/backyard-bird-identifier?source=email_inside

▲ Montpellier Conference Helps Shape Agricultural Research Agenda

About 1,000 participants joined the first Global Conference on Agricultural Research for Development in Montpellier, France held last March 28-31, 2010. The CGIAR coverage is at

http://www.cgiar.org/changemanagement/embracingchange2/embracing_change_april8_2010.html For further information on the CGIAR reform process visit <http://www.cgiar.org/changemanagement/index.html>

▲ Madeira flood kills at least 40

<http://www.reuters.com/article/idUSTRE61J2ME20100221>



CALL FOR PAPERS

I L E I A



The water issue

Water is a scarce resource, and one which is unevenly distributed. Estimates say that only one percent of the world's water resources are fresh and renewable, and thus available for man's many uses.

Agriculture uses 70 percent of this, and much more water is required if we are to increase production. Population growth, deforestation, urbanisation, industrialisation, and certainly climate change, all point to a worsening situation. How are small-scale farmers, and the institutions that support them, getting ready to tackle this situation?

Can we be more efficient?

At least 60 percent of the world's food is produced under rainfed conditions. For the millions of farmers who do not have access to irrigation, an uneven distribution of water means much lower yields, and therefore less production. Providing irrigation water is expensive, and irrigated areas also face difficulties. The overexploitation of groundwater has dramatically reduced its availability, while many canal-irrigated fields have become salinised – with the Aral Sea, in the old Soviet Union, as the best example of a manmade disaster.

If water is an increasingly scarce resource, how do we ensure its availability for agriculture, and also for sanitation and all our other needs? What steps are being taken in order to diminish uncertainty, or in order to make the best decisions? What rights, and what possibilities, do small-scale farmers have in order to increase yields, and improve their livelihoods? In this coming issue of Farming Matters we want to explore how groups of farmers, communities, or various stakeholders are working together, look at the co-ordinated steps which are needed at a watershed level, and at the possibilities for improving our overall efficiency.

Send us an e-mail!

The AgriCultures Network welcomes your contributions for our September issues. Featuring practical experiences from the field, our regional editions will look at micro-irrigation techniques, storing water, or at local level co-ordination approaches. Our global edition, Farming Matters, will complement the regional editions, addressing water management from a broader perspective. How can policies support small-scale farmers in improving their access to water? How can good governance ensure a more prudent, less wasteful use of water, and promote the production and consumption of water efficient crops? How can urban planners create space for urban agriculture that uses recycled wastewater? And finally, how can we, as a global movement for sustainable family farming, argue the case for low carbon agriculture as it implies better water management and greater resilience against drought and floods?

Send us your suggestions for articles, the articles themselves, photographs, names of people you feel we should talk to, ideas for topics you feel we must definitely address, your opinion, or just information about the issues mentioned above. As we are a global network, your contribution is bound to be useful to one of the editions.

You can send your ideas to **Jorge Chavez-Tafur**, editor, at j.chavez-tafur@ileia.org before May 15th, 2010. For more information on the AgriCultures Network, see www.agriculturesnetwork.org.

A CALL FOR YOUR ATTENTION (some may want to ask for help)

▲ Do you believe in Global Warming?

Environmentalist Robert Kennedy, Jr. said:

"Ninety-eight percent of the research climatologists in the world say that global warming is real, that its impacts are going to be catastrophic," he argued. "There are 2 percent who disagree with that. I have a choice of believing the 98 percent or the 2 percent."

<http://www.npr.org/templates/story/story.php?storyId=124008307>

▲ CLIR Call for Proposal on Cataloging Hidden Special Collections and Archives Libraries, archives, and cultural institutions hold millions of items that have never been adequately described. According to a 1998 Association of Research Libraries' survey of 99 North American research universities' special collections, on average 15 percent of their printed volumes, 27 percent of manuscripts, and 35 percent and 37 percent of video and audio, respectively, are unprocessed or uncataloged. Nationally, this represents a staggering volume of items of potentially substantive intellectual value that are unknown and inaccessible to scholars. Readmore: <http://cambodiajobs.blogspot.com/2010/03/clir-call-for-proposal-on-cataloging.html>

▲ Britain facing food crisis as world's soil 'vanishes in 60 years'

You may need to read this article, as soil could be distinct in 60 years:

<http://www.telegraph.co.uk/earth/agriculture/farming/6828878/Britain-facing-food-crisis-as-worlds-soil-vanishes-in-60-years.html> from Dr. Pandi Zdruli, CIHEAM IAM Bari, Italy pandi@iamb.it

▲ Free membership in ISTRO for new PhDs – a good idea

A reminder that ISTRO members involved in supervising doctoral students are reminded that ISTRO will honor each new PhD in soil-tillage related fields with a free 3-year Membership of ISTRO and a free 1-year subscription to our journal - Soil & Tillage Research. New PhD's should be nominated by one of their graduate advisors / promoters who must be an existing ISTRO Member by sending an email to the Secretary General of ISTRO. Again details are on the ISTRO website (http://iworx5.webextra.net/~istroorg/p_frame.htm)

Contact Blair M. McKenzie, Assistant Secretary General Blair.McKenzie@scri.ac.uk for more information

▲ **Earthworms on Mars:** The first successful Mars rover was Sojourner. It was launched by NASA in December 1996 and landed in July 1997. It was the first to use a new radical landing technique whereby the impact of the spacecraft was mitigated by its placement inside a multi-cell balloon that bounced and rolled across the Martian surface, killing its momentum. Mars rover Spirit was launched in June 2003 and Opportunity was launched in July 2003. The computer used in these rovers was a radiation hardened PowerPC called the IBM RAD6000. Both have made a large series of spectroscopic measurements and high resolution images. Computerized 3D temporal analysis of these images has shown the existence of earthworm casts in several locations of the Meridiani Planum. Dr Edmundo Folderal from the University of Baltiland is an expert in extra-terrestrial soil ecology and confirms the findings: "These results came totally unexpected and show the fruitful interaction between technology and the power of imagination." The paper will be published in Nature this month; more information [here](#). (From IUSS Alert 60)

WHAT MEMBERS WROTE TO US



▲ From Yash Kalra Yash.Kalra@NRCan-RNCan.gc.ca

After working with the Government of Canada for more than 42 years, I will be retiring on April 28, 2010 (<http://intranet.nrcan.gc.ca/archives/features/2010/04/14/soil-science>).

Effective tomorrow my email address will be yashpk1@hotmail.com

Ed.: We wish you a happy retirement, Yash. You are always welcome to use our pages to publish your valued information or narration about your experience in soil, water, forest, air, and so and so accumulated from your long academic journey. Samran

INTERESTING QUOTES

▲ Albert Einstein

"When you sit with
a nice girl for two hours,
it seems like two minutes.

When you sit on a hot stove for two minutes,
it seems like two hours.

That's relativity."

"If I had only known, I would have been a locksmith."

"Gravity cannot be held responsible for people falling in love."

"Education is that which remains when one has forgotten everything learned in school."

"Only two things are infinite, the universe and human stupidity, and I am not sure about the former."

"A hundred times every day I remind myself that my inner and outer life, depend on the labours of other men, living and dead, and that I must exert myself in order to give in the same measure as I have received."

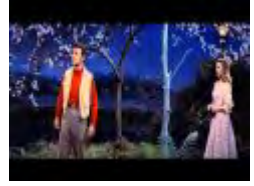
"If my theory of relativity is proven successful, Germany will claim me as a German, and France will declare that I am a citizen of the world. Should my theory prove untrue, France will say that I am a German, and Germany will declare that I am a Jew."

From <http://www.nidokidos.org/rome-t36355.html>

LET'S SING A SONG

This time let's sing *If I Loved You* by Gordon MacRae and Shirley Jones from the classic Richard Rodgers and Oscar Hammerstein's movie *Carousel* (1956). My contemporaries will remember it well as we were teenagers at that time and were always excited when such movie came to a nearby theater. Please click:

<http://www.youtube.com/watch?v=iuHAh-2xGxw> and some other urls shown on your monitor. Following are the lyrics:



If I loved you
Time and again
I would try to say
All I'd want you to know

If I loved you
Words wouldn't come
in an easy way
Round in circles I'd go

Longing to tell you
But afraid and shy
I'd let my golden chances
Pass me by

Soon you'd leave me,
Off you would go
In the mist of day,
Never never to know
How I loved you
If I loved you.

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To thoroughly make use of all possibilities that water offers, water will have to be managed. That concerns both a dry area in Africa as well as a relatively wet country, such as the Netherlands.

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(<http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/Diver-e-SENSE.pdf>)



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[SOUND PRINCIPLE NO. 31]

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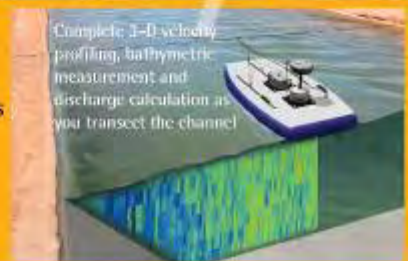
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Conference organizers may ask for a 'LANDCON Cooperation Package' from WASWC, where among several benefits you may ask WASWC to endorse your event, register it in the global LANDCON series of meetings as well as to offer participants free Guest membership in WASWC for one year.

This is our service to society. Ask for the file Cooperation Package from sombatpanit@yahoo.com or click <http://waswc.soil.gd.cn/consti-decentra.html> & <http://waswc.soil.gd.cn/package.html>.

IMPORTANT

We can publicize your stuff sent to us in Word. If you send to us in pdf, we will be able to put only a few words in our WASWC Newsletter or HOT NEWS. [NOTE: Another way to promote your meeting event is by sending your stuff to publish in the EARTHSCAN E-alert. Please contact dan.harding@earthscan.co.uk]

LANDCON Series of Meetings*

No.	Meeting topic	Place	Time
0902	Conference of the International Erosion Control Association (IECA): Environmental Connection 09 www.ieca.org	Reno, Nevada, USA	Feb 9-12, 2009
0903	Conference on Land Degradation in Dry Environments jawadhi@kuc01.kuniv.edu.kw	Kuwait City, Kuwait	Mar 8-14, 2009
0905a	Global Change, Challenge for Soil Management: From Degradation – Through Soil and Water Conservation – To Sustainable Soil Management www.sfb.bg.ac.yu/erosion2009/	Tara Mt., Serbia	May 26-30, 2009
0905b	Conference on “The sustainable development of water resources”, organized by Hydrotechnics Faculty of “Politehnica” University of Timisoara, Romania gcr@mail.dnttm.ro	Timisoara, Romania	May 27-28, 2009
0906a	The 10th international meeting on Soil with Mediterranean Type of Climate http://www.cnrs.edu.lb/10IMSMTc.pdf .	Beirut, Lebanon	Jun 22-26, 2009
0906b	Conference on “Challenges and Opportunities of Bioindustrial Watershed Development for the Prosperity of the Farming Community”, organized by the Soil Conservation Society of India www.soilcsi.org/	Bengaluru, India	Jun 25-27, 2009
0909	International Conference on Desertification in memory of Professor John B. Thornes http://fobos.bio.um.es/thornes/doku.php , arodi@um.es	Murcia, Spain	Sep 16-18, 2009
0911	International Seminar on Upland for Food Security, Faculty of Agriculture, University of Soedirman, Purwokerto, Central Java. Contact Budi Prakoso prabud2001@yahoo.com	Purwokerto, Central Java, Indonesia	Nov 7-8, 2009
1004a	Interpraevent Conference in the Pacific Rim http://interpraevent2010.nchu.edu.tw/ , scchen@nchu.edu.tw	Taipei, Taiwan	Apr 26-30, 2010
1004b	6 th National Seminar on Watershed Management and 4 th National Seminar on Soil Erosion and Sediment. wmconf6@gmail.com , seconf4@gmail.com	Noor, Iran	Apr 28-29, 2010
1005	First International Conference on Soil and Roots Engineering Relationship habibibalani@gmail.com	Ardebil Province, Iran	May 24-26, 2010
1009	FAME 2010, an annual event organized by Green World Conferences Contact: Derek Michalski at dm@greenworldconferences.com , www.greenworldconferences.com	Berlin, Germany	Sep 13-14, 2010
1010	FIRST WASWC COUNCIL MEETING and Int. Conf. on Combating Land Degradation in Agricultural Areas: www.ms.iswc.ac.cn , lirui@ms.iswc.ac.cn , wafe@ms.iswc.ac.cn , landcon1010@gmail.com	Xian, Shaanxi, China	October 11-15, 2010
1011	International Conference on Cooling the Earth, coolingtheearth2010@rediffmail.com , coolingtheearth2010@gmail.com , drvirsingh@rediffmail.com , www.gbpuat.ac.in	Pantnagar, India	Nov 15-17, 2010
1012a	International Geographical Union (IGU) Commission Seminar on Land Use, Biodiversity and Climate Change dr.mahfuzarahman@gmail.com	Guwahati, Assam, India	Dec 11-13, 2010
1012b	ASADWA Arid and Semi-arid Development through Water Augmentation, Optimizing water resources in a world of water shortage, www.asadwa.ugent.be . Contact asadwa@ugent.be	Valparaiso, Chile	Dec 13-17, 2010
1101	SWAT SEA II Workshop and Conference: nguyenkimloi@gmail.com http://ssc.hcmuaf.edu.vn ,	Ho Chi Minh City, Vietnam	January 4-8, 2011
1103	BioWise 2011, an annual event organized by Green World Conferences, Contact: Derek Michalski at dm@greenworldconferences.com , www.greenworldconferences.com	Kuala Lumpur, Malaysia	Mar 14-15, 2011
11...	A conference organized by the Indian Association of Soil and Water Conservationists: www.iaswc.com/index.html	Dehra Dun, India	2011???

*See details in this issue of HOT NEWS. Organizers of these conferences have pledged to follow the Guidelines for Successful Meetings (<http://waswc.soil.gd.cn/consti-decentra.html>) that WASWC had deliberated and achieved in 2008, to facilitate the attendance of academics and professionals so that the meetings that we recommend are of high quality, worth the expenses they have to pay if they decide to go to attend. If your meeting will meet at least 7 in 10 points (by self-appraisal) in the Guidelines, you may register the event in the LANDCON series and receive certain technical support from WASWC at no cost. To register, write to Samran Sombatpanit at sombatpanit@yahoo.com.

MEETINGS 2010++

May 2010

Land Quality and Land Use Information in the EU – Conference

Following recent scientific and policy developments, land quality is now regarded as an integrated measure of different aspects of land ecosystem services. A conference is planned for May 2011 to facilitate the exchange of information and views among stakeholders involved in different aspects of land quality management; be it research, policy planning, soil management or conservation. <http://landq2011.uni-pannon.hu/>

May 2-7, 2010

The European Geosciences Union General Assembly 2010 will be held in Vienna, Austria, 02 - 07 May. In view of the congress, we would like to draw your attention to session NH3.10 - an integrated part of the section Natural Hazards - entitled: **Hydrological, hydraulic, and mechanical effects of plants for slope stability.**

Deadline for Receipt of Abstracts: 18 January 2010

<http://meetingorganizer.copernicus.org/EGU2010/sessionprogramme>

May 2-7, 2010

EGU Session on Rainfall simulation as a tool for soil erosion and soil hydrology studies. Convener: Artemi Cerdá, co-Conveners: Peter Fiener, Xinping Wang, Rob Loch, Lee MacDonald, Fred Pierson, EGU 2010.

<http://meetingorganizer.copernicus.org/EGU2010/session/2493> (from IUSS Alert 56) 

May 3-5, 2010

4th MEDITERRANEAN MEETING ON NO TILLAGE, Setif, Algeria, May 3-5, 2010

* Registration form to complete and mail it with a summary of your contribution to ATU_PAM: atu.pam@gmail.com

May 3-10, 2010

EGU – Vienna: The impact of soil degradation on soil functioning.

European Geosciences Union General Assembly, 3-10 May 2010 in Vienna, Austria. in the Soil System Science Division: "The impact of soil degradation on soil functioning" Conveners: Erik Cammeraat, Bas van Wesemael & John Quinton. Soils are fundamental to Man's existence on Earth. They are essential for food, fuel and fibre production, regulate production of greenhouse gases, and help to protect and regulate water resources. Soils also provide a habitat for biota, can safeguard our cultural heritage and archaeology, are the foundation for the built environment and supply us with raw materials for a variety of industries. The need to protect all these functions is now being recognised in political circles: the European Union has drafted a Soil Framework Directive, US Senate has adopted a resolution on soil and nine European countries have put in place soil protection legislation. However, a significant threat to soil and its functionality is soil degradation, whether by erosion, salinity or compaction. Delivering on new soil policies will require us to understand the impact of soil degradation and develop robust methodologies to quantify, monitor and mitigate these impacts on all soil functions. This session will assesses the extent of our current understanding of the significance of soil degradation for different soil functions, and examine some of the challenges that lie ahead in delivering soil protection frameworks. <http://meetingorganizer.copernicus.org/EGU2010/session/2497>. Abstracts are welcome and the submission deadline is 18 January 2010. (From IUSS Alerts 57)

May 6-7, 2010

International workshop on Gender, Economic Integration, and Cross-border Road Infrastructure Development, AIT, Bangkok, Thailand

As Saskia Sassen noted, globalization is a process of differentiation. This workshop discusses how regional economic integration strengthened by cross-border road networks has differentiated effect based on gender, ethnicity and class.

Asia has historically experienced high intra-mobility of goods and people, but in the recent years, the quantum of such mobility has increased dramatically. Various factors have contributed to this increase, including economic disparity within the region; differences in economic/ employment/business opportunities; transportation and communication infrastructure development, education opportunities, and a wider network of migrants in major cities and industrial areas in the region.

The workshop explores how mobility of goods and people are changing as a result of road infrastructure development and economic integration policies, how such changes affect the livelihoods of the people along the road, and how such changes further affect the way of life and practices of local women and men, especially in terms of gender-based power relations. The effects can be varied for different communities, ethnicity, gender and age, and their coping/ adaptation strategies will also be different. Readmore:

<http://cambodiajobs.blogspot.com/2010/02/international-workshop-on-gender.html>

May 17-19, 2010

International Conference on Soil Classification and Reclamation of Degraded Lands in Arid Environments

Abu Dhabi, United Arab Emirates

From : May 17, 2010 To : May 19, 2010

Open : to public

Abu Dhabi, United Arab Emirates

mpillai@ead.ae

<http://www.ead.ae>

Under the Patronage of His Highness Sheikh Hamdan Bin Zayed Al Nahyan Ruler's Representative in the Western Region, Chairman of Environment Agency- Abu Dhabi The Environment Agency -Abu Dhabi (EAD) and The International Center for Biosaline Agriculture (ICBA) will be organizing the First Announcement of the International Conference on Soil Classification and Reclamation of Degraded Lands in Arid Environments in conjunction of Launching of Abu Dhabi Soil Survey Report

From : May 17, 2010 To : May 19, 2010

Open : to public

Abu Dhabi, United Arab Emirates

mpillai@ead.ae

<http://www.ead.ae>

Under the Patronage of His Highness Sheikh Hamdan Bin Zayed Al Nahyan Ruler's Representative in the Western Region, Chairman of Environment Agency- Abu Dhabi, the Environment Agency -Abu Dhabi (EAD) and the International Center for Biosaline Agriculture (ICBA) will organize the International Conference on Soil Classification and Reclamation of Degraded Lands in Arid Environments in conjunction of Launching of Abu Dhabi Soil Survey Report from May 17-19, 2010.

Background

The soils display extensive spatial and temporal variability in their properties, and therefore, their understanding, soil classification, land use management and reclamation are of prime importance. Soil information provides foundation for potential uses and problems that may arise and therefore is the key for policy and decision making, especially in arid regions facing severe water scarcity. The co-occurrence of the International conference and launching of the Abu Dhabi Soil Survey Report will provide excellent opportunities to the international scientific community to share the world soils information leading to proper land use management, and reclamation of degraded land in arid environments.

Objectives

- To bring forth and introduce Abu Dhabi Soil Survey Report to the Scientific Community at large.
- To discuss and review classification of soils and land use in arid environment.
- To examine advances made in soil salinity mapping, monitoring and land reclamation in degraded irrigated agriculture ecosystems.
- To review impacts of use of marginal water in agriculture and landscaping.
- To identify research development (R&D) needs and utilization of database of soil survey and classification including policy and institutions.
- To bring together scientists, professionals and decision-makers to share knowledge and information on land use and planning.

Conference Structure

The Conference will include:

- Launching of the Abu Dhabi Soil Survey Report.
- Plenary papers by invited speakers on a specific conference topic.

- Submitted papers that have been selected for presentation at the conference.
- Workshop on utilization of soil survey data in land use planning and policy implications.
- A field trip to different soil types to agricultural production areas in Abu Dhabi.

Conference Highlights

- 250 Abstracts received
- 5 Plenary simultaneous sessions
- 79 accepted for oral presentation
- 2 Poster sessions
- 44 accepted for poster presentation
- Round Table Workshop Discussion
- 35 countries represented
- Launching of Abu Dhabi Soil Survey Report
- 6 keynote speakers from Australia, Austria, India, Spain, Thailand and USA
- Presentation of Abu Dhabi Soil Survey Project outcomes

Session titles

- Session I Soil Survey and Classification Strategies and Use in Different Ecological Zones
- Session II Advances in Soil Salinity Mapping, Monitoring and Reclamation
- Session III Land Use Planning and Policy Implications
- Session IV Use of Marginal Quality Water in Agriculture and Landscaping
- Session V Research and Development/Innovations in Soil Classification & Reclamation

Language

English will be the official language of the Conference.

Conference Venue

The Conference will be held at the Fairmont Hotel, Bab Al Bahr, Abu Dhabi, United Arab Emirates.

Registration

Registration is free for all participants. Registered participants will be provided with conference material, abstract book, copy of conference proceeding, lunches .

Please [click here](#) to fill up the REGISTRATION FORM.

Travel and Visa:

The travel and visa will be taken care by the organizers. Please [click here](#) to fill in the Travel information.

Committees:

Conference Chair

- H.E Majid Al Mansouri, Secretary General, Environment Agency - Abu Dhabi

Orgaizing Committee

Dr. Ahmed Bashir(Chairman)	Advisor, Secretary General's Office, Environment Agency – Abu Dhabi (EAD)
Dr. Jaber Al Jabri	Executive Director, Environment Operations, Environment Agency - Abu Dhabi
Prof . Dr Faisal Taha	Director of Technical programs, International Center for Biosaline Agriculture (ICBA), Dubai, UAE
Mr. Abdalnasser Al-Shamsi	Executive Director, Animal Welfare and Forestry Projects, Environment Agency – Abu Dhabi
Dr. Mohamed Dawoud	Manager, Water Resources Department, Environment Agency – Abu Dhabi
Dr. Mahmoud A Abdelfattah	Soil Scientist, Environment Agency - Abu Dhabi
Mrs. Alicia Jimenez Al Mutawa	Deputy Manager, Public Relations, Environment Agency – Abu Dhabi
Ms. Laila Yousef Al Hassan	Deputy Manager, Media, Environment Agency – Abu Dhabi

Scientific Committee

Prof. Dr. Faisal Taha (Chairman)	Director of Technical programs, International Center for Biosaline Agriculture (ICBA), Dubai, UAE
Dr. Shabbir A Shahid	Salinity Management Scientist, International Center for Biosaline Agriculture (ICBA), Dubai, UAE
Dr. Mahmoud A. Abdelfattah	Soil Scientist, Environment Agency – Abu Dhabi
Dr. Michael Wilson	United State Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS)
Dr. S Prathapar Dean	College of Agriculture and Marine Sciences, Sultan Qaboos University, Oman
Dr. Mohamed Al Mulla	Director, Soil and Irrigation Department, Ministry of Environment and Water, UAE
Dr. Bill Porter	Department of Agriculture, Western Australia
Dr. Mahmoud Shendi	Professor of Soil Science, Faculty of Agriculture, Fayoum University, Egypt
Dr. Taoufik Ksiksi	Associate Professor, College of Science, UAE University, Al Ain, UAE

May 18-22, 2010

7th International Symposium Agro Environ "**Strategies and policies for a sustainable use and management of agricultural soils for its local and global impacts**", Cancun, Mexico. Contact José L. Oropeza-Mota oropeza@colpos.mx

May 24-26, 2010

4th Global Workshop on Digital Soil Mapping, Rome, Italy

<http://2010.digitalsoilmapping.org/>, www.pedometrics.org, chiara.piccini@entecra.it

May 24-26, 2010

LandCon 1005 Meeting

First international conference of soil and roots engineering relationship (LANDCON1005)
Ardebil, Iran 24-26 May 2010

This conference is the first in the series of LANDCON on soil and roots engineering relationship. The aim of this meeting is to bring together scientific researchers, practitioners, geotechnical and civil engineers, biologists, ecologists, rangeland managers and foresters to discuss current problems in soil and root engineering relationship. Papers will be presented orals and posters on Mechanics of Roots, wind loading on roots system, slope instability, soil erosion with water and wind, soil hydrology, mountain plants ecology, land use planning, Modeling root reinforcement, Failure criteria of roots, Root and soil interaction, catchments management, Ground bio- engineering, Eco-engineering and modeling of root reinforcement.
We hope that you will be able to join us at this meeting to be held in mountain part of Ardebil Province- Iran.

Deadlines:
Abstract submission: Nov. 15, 2009. Please send to: landcon.ir.abstract@gmail.com
Acceptance of abstract: Jan. 22, 2010.
Full paper submission: March 15, 2010.

Supporting institutions:
ICSEB
International Congress of Soil Engineering for Health (ICSEB)
World Association of Soil and Water Conservation (WASWC)
International Union of Forest-Research Organizations (IUFRO)
International Union of Pure and Applied Chemistry (IUPAC)

Subject Areas:

- Avalanches bio- engineering
- Biological richness
- Catchment's management with Plant
- Coastline protection with plants
- Debris flow bio- engineering
- Disaster management on soil debris
- Disturbance ecology
- Effect of grazing on Vegetation diversity
- Effect of human intervention on root-soil Interaction
- Effect of silviculture on root-soil Interaction
- Effect of wind throw on soil stress
- Effects of wind loading on Roots
- Evapotranspiration
- Failure criteria of roots
- Flow mitigation with plants
- Forest Soil Environment
- Forests and Water Interactions
- High-altitude plant ecosystems
- Influence of climate change on vegetation
- Landslides bio- engineering
- Legislation for soil bio-engineering
- Mechanics of Roots under wind loading
- Modeling root reinforcement
- Mountain biodiversity
- Plant establishment
- Plant growth versus engineering
- Plant management
- Planting cuttings on embankments
- Riparian Plants
- Risk management with GIS
- Riverbank protection with plants
- Rockfall bio- engineering
- Root anchorage
- Root and soil ecology
- Root and soil interaction
- Root and soil interface
- Root architecture
- Root density
- Root effect on soil cohesion
- Root growth
- Root morphology
- Root reinforcement
- Root strength
- Run-off protection with plants
- Short and long-term measures on soil debris
- Slope degradation
- Slope hydrology
- Slope stability modeling
- Soil bio-engineering techniques
- Soil fixing techniques
- Soil loss protection with plants root
- Soil moisture relations and vegetation
- Soil nailing
- Soil protective techniques
- Soil sealing with plant roots
- Species selection for soil protection
- Torrent control with plants
- Unsaturated strength of soil
- Vegetation ecology
- Vegetation structural diversity
- Wind erosion and conservation with plant

Web site: www.landcon-ir.com

The official language for the conference is English.

contact: 25, Shahid Yasri St., Ardebil, Iran- Postal Code:56197-45344
Tel: +98-451-2230505 Fax: +98-451-3337023 We look forward to seeing you in May 2010!

WASWC provides Guest membership to all participants for one year.

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings <http://waswc.soil.gd.cn/consti-decentra.html>

May 24-29, 2010

Early Bird Registration Deadline is February 28, 2010

Register Now and receive \$100 discount. Registration is available online at <http://5geoeqconf2010.mst.edu>.

Missouri University of Science and Technology will host a **Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics** in San Diego, CA, May 24-29, 2010.

<http://5geoeqconf2010.mst.edu/>, prakash@mst.edu, geoeqconf2010@mst.edu

May 25-27, 2010

2nd International Conference **FRIAR 2010** on Flood Recovery, Innovation and Response, Organiser:

University & Polytechnic of Milan, Wessex Institute of Technology and University of Wolverhampton, UK.

Venue: **Milan, Italy** www.wessex.ac.uk/conferences

May 25-29, 2010

Fourth International Scientific Conference BALWOIS 2010

Ohrid, Republic of Macedonia – 25-29 May 2010 (www.balwois.com/2010)

http://balwois.com/2010/index.php?option=com_content&view=article&id=52&Itemid=54

BALWOIS Secretariat, secretariat@balwois.com or morell@ird.fr

May 26-28, 2010

International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality Samsun, Turkey soil2010@omu.edu.tr; <http://soil2010.omu.edu.tr>

May 26-28, 2010

3rd International Conference DEBRIS FLOW 2010, Organiser: University of Milan, Italy and the Wessex Institute of Technology, UK. Venue: Milan, Italy.

www.wessex.ac.uk/conferences



May 26-29, 2010

International symposium on biology of rare and endemic plants

Date: May 26-29, 2010, Location: Mugla, Turkey

May 27-28, 2010

13th Annual Meeting and Scientific Conference: Soil and Water Management Approaches for Climate Change Mitigation and Adaptation, Legend Hotel, Puerto Princesa City, Palawan Island, The Philippines. Contact Philippine Society of Soil Science and Technology, Inc. (PSSST) See details in <http://www.p3stonline.org>. The organizers will gladly welcome WASWAC members to attend this event in the beautiful island of Palawan - you pay the low registration fee like Filipino scientists. Please contact Ms Constancia G. Mangao, consangao@yahoo.com.ph (m) 09193885055 or write to pssst_pro06@yahoo.com.

June 27-30, 2010

US Biochar Initiative Conference 2010 to be hosted by Iowa State University

The **Biochar Initiative Conference** is designed to advance the understanding of the science and policy issues related to biochar as both an agent for carbon sequestration as well as an amendment for soils. Scientists, engineers, policymakers, policy analysts, producers, and users will attend to discuss recent advances. A call for presentation and poster abstracts now open.

June 2010

International workshop on System Innovations, Knowledge Regimes, and Design Practices towards Sustainable Agriculture Lelystad, The Netherlands June 2010,

Contact boelie.elzen@wur.nl and barbier@grignon.inra.fr and cerf@agroparistech.fr

June 1-4, 2010

Weeds Across Borders Conference

The Weeds Across America's Borders Conference will be held on June 1-4 at the National Conservation Training Center, Shepherdstown, West Virginia, USA. The biennial event will be attended by participants from Canada, Mexico, and the United States who are interested in sharing information on weeds and collaborating to stop their spread. The theme in this year's conference is on "Plant Invasions: Policies, Politics and Practices." The agenda includes presentations, training sessions and field tours focused on a variety of important topics.

http://www.wssa.net/WSSA/PressRoom/WSSA_Weeds_Across_Borders.pdf

June 6-11, 2011

International Plant Biotech Conference

The International Association for Plant Biotechnology (formerly the International Association of Plant Tissue Culture and Biotechnology) will hold an international conference at St. Louis, Missouri, USA on June 6-11, 2010. It is composed of members from 85 countries and is thus considered as the biggest society of its kind. For more details of the congress visit <http://www.iapb2010.org/> <http://www.iapb-stl.org/>

June 7-11, 2010

Pariquera-Açú, 01 de fevereiro de 2010.

VII SIBANANA

É com grande satisfação que a Agência Paulista de Tecnologia dos Agronegócios (APTA) através do Pólo Regional de Desenvolvimento Sustentável do Agronegócio do Vale do Ribeira está organizando o **VII SIBANANA** – Simpósio Brasileiro sobre Bananicultura, que ocorrerá no município de **Registro-SP**, no período de **07 a 11 de junho de 2010**.

O SIBANANA é o principal evento técnico científico relacionado à bananicultura no país, reunindo pesquisadores, técnicos, produtores e estudantes, bem como empresários relacionados à área que, com seus conhecimentos, pretendemos direcionar ações futuras com a cultura. Historicamente o evento é promovido pela Sociedade Brasileira de Fruticultura (SBF) e sua primeira edição ocorreu na cidade de Jaboticabal-SP em 1984. No ano de 2010, em Registro-SP, ocorrerá a sétima edição, com o tema “*Atualidades e Perspectivas da Bananicultura Sustentável*”.

A partir da segunda semana de fevereiro estaremos com o site em funcionamento, onde será possível acessar a programação completa do evento, normas para envio de trabalhos, valores e prazos para inscrição e outras informações referentes ao evento.

A comissão organizadora do VII SIBANANA não medirá esforços para o sucesso deste evento e, mais uma vez contribuir com a bananicultura local e nacional, para tanto gostaríamos de contar com sua participação.

Erval Rafael Damatto Junior Presidente do VII SIBANANA

Informações: E-mail: sibanana2010@hotmail.com. Fone (13) 3856-1656

June 8, 2010

[One Water Many Futures](#) Sydney, Australia

June 8-10, 2010

Risks in Agriculture Conference, Estonia.

Members and others interested are invited to participate in the Estonian Branch conference “**Risks in Agriculture: Environmental and Economic Consequences**” for June 8-10, 2010, in Tallinn, Estonia. Sessions include Environmental Strategy (chair: Anto Raukas, Estonia); Weather and Soil Resources (chair: Gyorgy Varallyay, Hungary); Crop Production (chair: Jean Rogr-Estrade, France); Food Quality and Safety (chair: Fred Stoddard, Finland) and Economic Consequences (chair: Volkhard Scholz, Germany). A field tour of the Kuusiku region will be on 10 June. Details are on the website at (<http://www.eria.ee/index.php?page=273&>). The conference is jointly organized by the Estonian Branch of ISTRO and the Estonian Research Institute of Agriculture (www.eria.ee), in collaboration with the Scientific Creative Association “SCA Ecofiller” and non-profit Organization “Estonian Excellence Centre for Rural Development”.

Tallinn can be reached by direct flight, bus, train and boats from Helsinki or Stockholm. English will be the official language for the Conference. For more information check the website or contact the Chair of the organizing committee at edvin.nugis@eria.ee, or the RAEEC conference team at RAEECinfo@eria.ee.

June 21-22, 2010

Second Open Source GIS UK Conference, Centre for Geospatial Science, University of Nottingham Website:

http://cgs.nottingham.ac.uk/~osgis10/os_home.html

http://www.nottingham.ac.uk/cgs/cgs_suchith_anand.html

<http://www.opensourcegis.org.uk/>; <http://ica-opensource.scg.ulaval.ca/>

June 21-23, 2010

[Conference on scientific research and its role in fighting desertification](#) Libya

June 21-24, 2010

APPLYING REMOTE SENSING AND GIS in DISASTER MANAGEMENT

YOGYAKARTA, INDONESIA, 21-24 JUNE, 2010, organized by University of Gadjah Mada in cooperation with GISDECO, EARSeL and ITC - UNU-DGIM <http://www.itc.nl/gisdeco/>

June 23-25, 2010

The 2010 **International Symposium on Advanced Biological Engineering (ISABE'2010)**

will be held in Beijing, China, from July 23rd to July 25th 2010.

ISABE'2010 is jointly organized by Tsinghua University, China, Tokyo Institute of Technology, Japan, and coorganized by Biotechnology and Business.

On behalf of the organizing committee, I am honored to welcome all of you to ISABE'2010. I look forward to meeting you in July and wish you all a pleasant and fruitful stay in Beijing.

Prof. Xin-Hui Xing, Chairman of the Organizing Committee, ISABE'2010 2010isabe@gmail.com

June 23-25, 2010

CALL FOR ABSTRACTS:

10th International Precipitation Conference, 23-25 June 2010, Coimbra, Portugal

We would like to encourage you to submit an abstract to the 10th International Precipitation Conference, which will be held in Coimbra (Portugal), from 23 to 25 June 2010.

Abstracts due: 1 March 2010

For information and abstract submittal go to <http://www.ci.uc.pt/imar/ipc10/>

Special theme of the conference: **Space time precipitation from urban scale to global change**

The conference will be organized in the following topical sessions:

1. Precipitation prediction on scales ranging from real-time to climate
2. Extreme precipitation events: physics and statistics based description
3. Trends in precipitation time-series
4. Instrumentation and novel precipitation observing systems
5. Variability of precipitation over wide range of space-time scales
6. Hydrologic and water resources needs: research and engineering applications
7. Research needs and challenges

Come and participate in this conference dedicated to promoting interdisciplinary discussions of the present state of knowledge in research and applications related to precipitation.

For more information, please contact the IPC10 (ipc10@dec.uc.pt).

We would appreciate if you could disseminate this information among your contacts.

João de Lima

Witold Krajewski

Isabel de Lima

Conveners

10th International Precipitation Conference IPC-10

IMAR/Department of Civil Engineering, Faculty of Science and Technology

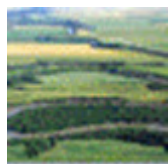
Campus II, University of Coimbra, 3030-788 Coimbra, Portugal

June 27-30, 2010

US Biochar Initiative Conference 2010 to be hosted by Iowa State University on June 27-30, 2010

The [Biochar Initiative Conference](#) is designed to advance the understanding of the science and policy issues related to biochar as both an agent for carbon sequestration as well as an amendment for soils. Scientists, engineers, policymakers, policy analysts, producers, and users will attend to discuss recent advances. A call for presentation and poster abstracts now open.

June 28-29, 2010



[The Fourth International Conference of Healthy Water in the Arab world](#)

Cairo, Egypt

June 28-July 1, 2010

International Symposium on Innovation and Sustainable Development in Agriculture and Food, 28 June - 1 July 2010, Montpellier, France <http://www.isda2010.net/>, inscription_isda2010@supagro.inra.fr

June 28-July 2, 2010

The deadline for abstract submissions for ESA's **Living Planet Symposium**, http://www.esa.int/esaEO/SEMCNO5RN1G_index_0.html

June 28-July 2, 2010

International Conference: 18th Commonwealth Forestry Conference

Edinburgh, Scotland. Some financial support is available for developing country participants, with details on how to apply for support [here](#). For more information about the event, [click here](#).

June 29-July 1, 2010

Call for Abstracts: **2010 International Climate Change Adaptation**, Queensland, Australia, 29 June – Submission deadline: 18 January 2010. For more information and to register, [click here](#).

July 3-7, 2010

24th International Congress for Conservation Biology (ICCB): The 2010 meeting of the Society for Conservation Biology (SCB) will be held in Edmonton, Alberta, Canada on July 3rd-7th, 2010. The theme of the meeting is "Conservation for a Changing Planet." Because of the focus on environmental change, the meeting will highlight the importance of multidisciplinary and interdisciplinary approaches to conservation.

www.conbio.org/2010

July 4-7, 2010

The 9th European IFSA Symposium: 4-7 July 2010 in Vienna! **Building sustainable rural futures - The added value of systems approaches in times of change and uncertainty.** The following five themes give an overview of the issues that will be addressed at the 9th European IFSA Symposium: 1. Knowledge Systems, learning and collective action; 2. Transition, resilience, and adaptive management; 3. Energy production, CO2 sink and climate change; 4. Sustainable food systems; 5. Landscape and rural land use

July 5-9, 2010

AOGS 2010 will be held at the Hyderabad International Convention Centre, India, on July 5-9, 2010.

<http://www.asiaoceania.org/aogs2010/index.asp>

<http://www.asiaoceania.org/aogs2010/public.asp?page=sessionProposal.htm>

July 6-7, 2010

Spatial assessment and analysis of vulnerability GIScience applied in the interdisciplinary domain of hazard and climate change research

Workshop within the framework of GI_Forum 2010, July 6 – 7, 2010 - Salzburg, Austria

Information available at www.gi-forum.org

This theme is expected to highlight different developed and currently investigated methodologies to **spatially assess vulnerability**. It will specifically address the issue of **vulnerability assessment**, independent from conceptual discussions. The focus will be on the **review and discussion of different methods** of GIScience employed to assess, quantify and represent vulnerability as integrated spatial phenomena. Within a workshop session, current **achievements and future research challenges** will be identified and formulated.

Topics

- Assessments in the domains of disaster risk reduction, climate change, natural hazards and human security
- Methods for indicator selection and index construction
- Scale issues in vulnerability assessments
- Validation and accuracy of vulnerability assessments
- Spatio-temporal visualisation of complex indicators

The workshop is scheduled for **Tuesday, July 6** and **Wednesday, July 7, 2010** and will be followed by the annual GI_Forum. In addition to **presentations** ranging from different scholarly schools of vulnerability the workshop will focus on output oriented **discussion sessions**.

The papers will be peer-reviewed and published in a book.

Schedule

- Deadline for submission of full papers for oral presentation and publication in the conference proceedings **1 February 2010** (Information about submission of papers is available at www.gi-forum.org)
- Notification about accepted contributions 17 March 2010

Scientific committee

- Susan L. Cutter, University of South Carolina (Keynote Speaker)
- Mark Pelling, King's College London
- Thomas Loster, Munich Re Foundation

- Fabrice Renaud, United Nations University (EHS)
- Klaus Steinnocher, Austrian Institute of Technology
- Melanie Gall, Louisiana State University
- Peter Zeil, Centre for Geoinformatics – University of Salzburg
- Stefan Kienberger, Centre for Geoinformatics – University of Salzburg

About GI_Forum

The world cultural heritage city of Salzburg is the setting for the 4th Geoinformatics Forum. GI_Forum 2010 runs concurrently with the highly regarded German language conference on Applied Geoinformatics, both organized by Salzburg University's Centre for Geoinformatics. The two symposia share the innovative AGIT EXPO exhibition and stimulating social events. The interdisciplinary GI_Forum focuses on an international GIScience audience, communicating in English, and sharing an interest in translating new methods and techniques into a broad range of application domains in Geoinformatics. Young researchers and established scientists find a vibrant GI community from academia, industry, and government to analyze progress and to explore new research directions www.gi-forum.org

July 12-14, 2010

Uruguayan ISTRO Branch and the Uruguayan Society of Soil Science Conference

The science and technology community is invited to participate in a meeting on the topic of "Soil properties dynamics under different land uses" to be held in Colonia del Sacramento, Uruguay. Topics include: Evaluation of soil quality; Land, energy and food security; Soil fertility and plant nutrition; Erosion and runoff management; Control of land degradation and potential for restoration; and the Environmental impacts of different plant production systems. Invited speakers include Ricardo Melchiori, Cimeli Bayer, Douglas Karlen, Jorge Hernandez, Blair McKenzie, and Mariano Saluzzi. Manuscripts and posters should be submitted before 30 March 2010. The website of the Universidad de la Republica – Uruguay, Estacion Experimental station (<http://www.eemac.edu.uy>) provides a range of information for this meeting (as well as hosting information for the 19th triennial conference). Details specific to this meeting can be found at (http://www.eemac.edu.uy/dmdocuments/reunion_tecnica/La_Sociedad_Uruguaya_de_Ciencia_del_Suelo_y_la_ISTRO.pdf). A meeting of the ISTRO board will follow on **15-16 July 2010**.

July 21-23, 2010



• [Flyer_Symposium_Hanoi_2010.pdf](#)

International Symposium "Sustainable Land Use and Rural Development in Mountainous Regions of Southeast Asia", 21-23 July 2010 in Hanoi, Vietnam, Organized by "The Uplands Program", Hohenheim University and Hanoi University of Agriculture

The conference would like to invite scholars and practitioners to share their research results and experience in the fields of resources management, poverty reduction and innovation development/adoption in mountain regions. Please find the call for papers attached.

We would be grateful if you could forward this call on to interested colleagues.

Dr. Holger Fröhlich, Executive Manager, SFB 564 - The Uplands Program

Hohenheim University (796), 70593 Stuttgart, Germany. Phone: +49 711-459-22574, Fax: +49-711-459-23430
holger.froehlich@uni-hohenheim.de; www.uni-hohenheim.de/sfb564

August 1-6, 2010

AN INVITATION TO THE **19TH WORLD CONGRESS OF SOIL SCIENCE** <http://www.ccm.com.au/soil/>, www.19wcss.org.au. On behalf of Officers of the International Union of Soil Science, we are delighted to extend our personal invitation to you to join us in Brisbane, Australia for the 19th World Congress of Soil Science to be held 1-6 August 2010 at the Brisbane Convention and Exhibition Centre.

The conference theme "Soil Solutions for a Changing World" provides a tremendous opportunity for a broad range of presentations – we urge you to share your research, experiences and knowledge with members in Brisbane.

We are very proud to be associated with an outstanding group of professionals who have gathered to form the steering committee for the 19th World Congress, led jointly by Professor Steve Raine and Mr Mike Grundy.

Won't you join us and colleagues from throughout the world in what promises to be an outstanding gathering of the Soil Science community.

Roger Swift, President, International Union of Soil Sciences

Neal Menzies, Vice-President, International Union of Soil Sciences

It is our privilege and pleasure, on behalf of the Australian Society of Soil Science Inc., to introduce the 19th World Congress of Soil Science to be held at the Brisbane Convention and Exhibition Centre, 1 to 6 August 2010. The Congress, held every four years, presents a global forum at which all those involved in Soil Science can meet with scientists, researchers, academics and professionals to discuss and find Soil Solutions for a Changing World. While you are here we would encourage you and your family to take the time to experience the best of what Queensland has to offer. Brisbane, the capital of Queensland, is a modern, sophisticated city of more than 1.6 million people. Queenslanders enjoy a safe and friendly lifestyle and you will appreciate the reasons why our state is a great place to live, a great place to do business and a great place to visit.

Our Conference Committee is a totally committed group of professionals who are hard at work to present an outstanding conference. We look forward to welcoming you in 2010 to what we are confident will be the best ever World Congress of Soil Science.

Steve Raine, Co-Chair, 19th World Congress of Soil Science

Mike Grundy, Co-Chair, 19th World Congress of Soil Science

Council Meetings at the World Congress of Soil Science

Meetings of IUSS Council will take place during the World Congress of Soil Science in Brisbane August 1-6, 2010. Fully paid up National Members are requested to nominate to iuss@reading.ac.uk their representative at the Council Meetings as soon as possible. Nominated representatives of National Members will receive all information relevant to the Council Meeting and be able to vote during these meetings. Key matters to be discussed will be: revisions to Statutes and Bye-Laws; the potential selection of the host country for the WCSS in 2018; the scope of the IUSS prizes. Please send details of your National Member representative to Stephen Nortcliff at iuss@reading.ac.uk (From IUSS Alert 59)

August 2-4, 2010

Qualitative GIS: emerging issues and possible futures

WISERD, Cardiff University, Glamorgan Building, King Edward VII Avenue, Cardiff, CF10 3WT
wiserd@cardiff.ac.uk (Tel: +44 (0) 2920 87484) (Fax: +44 (0) 2920 874520)

August 2-3, 4-6, 2010

2010 International SWAT Conference to be held in Ilsan, South Korea, in the period 2-6 August 2010.
<http://www.swat-k.re.kr>; <http://www.brc.tamus.edu/swat>

DEVELOPMENT AND APPLICATION OF THE SWAT MODEL

The Soil and Water Assessment Tool (SWAT) is a public domain model jointly developed by USDA Agricultural Research Service (USDA-ARS) and Texas AgriLife Research, part of The Texas A&M University System. SWAT is a river basin-scale model to simulate the quality and quantity of surface and ground water and predict the environmental impact of land management practices on different soil patterns and land use patterns. SWAT is widely used in assessing soil erosion prevention and control, non-point source pollution control and regional management in watersheds. In cooperation with Korea Institute of Construction Technology (KICT), Sustainable Water Resources Research Center (SWRRC), USDA-ARS and TAMUS, the SWAT International Conference will be at the KINTEX at Ilsan, Korea on August 2-6, 2010.

CONFERENCE VENUE: The conference will be at the KINTEX, Ilsan, KOREA
Workshops will be at the multipurpose hall, KICT (in front of KINTEX)

CALL FOR PAPERS

Conference Proceedings will be published.

- Deadline for abstract submission: April 30, 2010
- Deadline for paper submission: June 30, 2010

Upload abstracts to the conference Website: <http://www.swat-k.re.kr>

ACCOMMODATIONS: For Hotel information visit the Conference Website.

SCIENTIFIC COMMITTEE

Karim Abbaspour (EAWAG, Switzerland)
Jeff Arnold (USDA-ARS, USA)
Nicola Fohrer (Christian-Albrechts-University, Kiel, Germany)
Philip Gassman (Iowa State University, USA)
A.K. Gosain (Indian Institute of Technology, India)
Cole Rossi (USDA-ARS, USA)
Ann van Griensven (UNESCO-IHE, The Netherlands)
Fanghua HAO (Beijing Normal University, P.R. China)
C. Allan Jones (Texas AgriLife Research and Extension, Texas)
Valentina Krysanova (PIK, Germany)
Nam-Won Kim (Korea Institute of Construction Technology, Korea)
Pedro Chambel Leitão (IST-MARETEC, Portugal)
Antonio Lo Porto (IRSA, Italy)
Jose Maria Bodoque Del Pozo (UCLM, Toledo, Spain)
R. Srinivasan (Texas A&M University, USA)
Martin Volk (Helmholtz Centre for Environmental Research - UFZ, Germany)
Sue White (Cranfield University, United Kingdom)
Jaehak Jeong (Blackland Research and Extension Center, USA)
Workshop Registration, August 2-3, 2010

The workshop registration fee includes workshop materials, lunch and coffee breaks.

Workshops include:	Participants	Students
Introductory SWAT	US\$300	US\$200
Advanced SWAT	US\$300	US\$200

How to Register: A limited number of seats are available and workshops will be held concurrently. Register online or obtain a registration form at: <http://www.swat-k.re.kr>; <http://www.brc.tamus.edu/swat>

Conference Registration, August 4-6, 2010

The conference registration fee includes conference materials, coffee breaks, lunch and a social dinner. Early Registration for participants, US\$300, and for students, US\$100. Registration must be received on or before May 31, 2010. Registrations received after May 31, 2010 for participants is US\$350 and for students is US\$150.

How to Register

Register online or obtain a registration form at: <http://www.swat-k.re.kr>, <http://www.brc.tamus.edu/swat>

Cancellation Policy: Participants who cancel by June 20, 2010 will receive 100 % of registration fee. No refunds for cancellations after June 20, 2010.

What to Expect

- SWAT development and application
- Large scale assessment
- Landscape processes
- In-stream
- GIS interfaces and databases
- Climate change
- New developments
- Auto-calibration and uncertainty analysis

Contact Dr. R. Srinivasan, Texas A&M University Spatial Sciences Laboratory r-srinivasan@tamu.edu

Dr. Nam-Won Kim, Korea Institute of Construction Technology Water Resources Research Division nwkim@kict.re.kr. Conference Website: <http://www.swat-k.re.kr>; <http://www.brc.tamus.edu/swat>

August 8-14, 2010

Acacia symposium: International Legume Conference, Buenos Aires, Argentina. [More...](#)

August 23-27, 2010

8th Flora Malesiana Symposium, Singapore Botanic Gardens, Singapore

Contact: e: Floramalesiana2010@nparks.gov.sg | [More...](#)

August 23-28, 2010

23rd IUFRO World Congress, Seoul, Korea, 23-28 August 2010 [click here](#).

August 31-September 3, 2010

15th WORLD FERTILIZER CONGRESS OF THE INTERNATIONAL SCIENTIFIC CENTRE FOR FERTILIZERS (CIEC) www.icpa.ro/ciec, ciec@icpa.ro;

NOTE: Proceedings of the 14th World Fertilizer Congress of the International Scientific Centre of Fertilizer, Chiang Mai, Thailand, January 22-27, 2006

The proceedings, titled "Fertilizers and Fertilizations: Stewardship for Food Security, Food Quality, Environment and Nature Conservation," edited by S. Haneklaus, Ch. Hera, G. Hofman, T. Nemeth, R-M Rietz, P. Limtong and E. Schnug (744 pp.) is now available from Pitayakon Limtong pitaya@ldd.go.th, pitaya@asiaaccess.net.th of the Land Development Department in Bangkok, Thailand at 1,500 Thai Baht (~USD43) per copy.



August 29-September 3, 2010

AGRO2010 MONTPELLIER and the XIth ESA Congress <http://www.agropolis.fr/agro2010/index.html>

I have been asked to chair a session at the forthcoming meeting of the European Society of Agronomy in September 2010 entitled: "**S1.4: Conservation agriculture: Did we fail in Africa and which research priorities for the future?**" The organisers have invited Marc Corbeels and Pablo Tittonell to give a keynote talk, and there will then be a round table discussion for half an hour. This will be a useful forum to exchange views so I hope to meet many of you there. If you are able to attend the conference and would like to participate in the debate as part of a panel, please contact me directly.

Ken Giller

Professor - Plant Production Systems,
Wageningen University, P.O. Box 430
6700 AK Wageningen, The Netherlands
Street address: Building 107,
Droevendaalsesteeg 1, 6708 PB Wageningen
Tel: +31 317 485818; Fax: +31 317 484892; ken.giller@wur.nl

September 2010

[12th International Conference of Agronomy](#) Location: North Sinai, Egypt

September 6-8, 2010

AgEng2010 – International Conference on Agricultural Engineering "Towards Environmental Technologies", Venue: Clermont-Ferrand, France, Organiser: Cemagref, SitmaAFGR, AFEID, www.ageng2010.org, info@ageng2010.fr Deadline for Submission of abstracts on-line via AgEng2010 CF website: December 15, 2009 (short time extension is possible, please write to info@ageng2010.fr)

International Conference on Agricultural Engineering AgEng 2010 CF
Towards Environmental Technologies



September 6-8, 2010

The Third IASTED African Conference on Water Resource Management (AfricaWRM 2010), SCIENCE AND TECHNOLOGY INNOVATION FOR SUSTAINABLE DEVELOPMENT, September 6-8, 2010, Gaborone, Botswana. Contact calgary@iasted.org.

September 6-9, 2010

The **Free and Open Source Software for Geospatial (FOSS4G) conference** is pleased to announce a Call for Workshops and Tutorials for the 2010 conference, being held September 6-9, 2010, in Barcelona, Spain. Please visit our site to subscribe and find more information about this conference: <http://2010.foss4g.org> Or contact Conference Chair for details about this announcement: Lorenzo Becchi E-mail: lbecchi@osgeo.org

September 8-29, 2010

Tenth meeting of the Conference of the Parties to the **Convention on Biological Diversity - CBD COP 10** <http://www.cbd.int/meetings>:

September 9-11, 2010

Croatia Branch Plans Conference on Soil Tillage

The Organizing Committee of the Croatia Soil Tillage Research Organization – CROSTRO and International Soil Tillage Research Organization – ISTRO, invites all ISTRO members and other interested persons to an international scientific conference entitled “Soil Tillage, An Open Approach” in Osijek, Republic of Croatia, from the 9-11 of September 2010. <http://suncokret.pfos.hr/~hdpot/simpozij.htm>, Bojan.Stipesevic@pfos.hr

Over 40 delegates have already registered. The conference themes will be:

1. Soil tillage in function of environmental protection
2. Conservation tillage – direct seeding – no-tillage
3. Soil biotic and abiotic degradations – causes and consequences
4. Soil tillage – new approach – technologies – perspectives

The scientific and professional presentations will promote correct application of agrotechnical measures, the newest state-of-the-art information and techniques, and alternative approaches in agricultural production – all in the scope of soil tillage. English will be the official language for the conference. For more information including regards travel and accommodation, see the website contact Dr. Bojan Stipešević – Branch President at: Bojan.Stipesevic@pfos.hr

September 12-15, 2010

ABIC 2010 *Bridging biology and business* is the theme of the Ag-Biotech Conference in Saskatoon, Saskatchewan, Canada scheduled September 12-15, 2010. Conference organizer is Ag-West Bio, Inc. Details of the conference which targets biotech industry players, biotech managers, government officials, scientists, and academics, are at <http://www.abic.ca/abic2010>

September 13-15, 2010

GeoENV 2010 - the 8th International Conference on Geostatistics for Environmental Applications Ghent, Belgium. www.geoenv.ugent.be, geoenv10@ugent.be (From IUSS Alert 51)

LandCon 1009 Meeting

September 13-14, 2010

FAME 2010, an annual event organized by **Green World Conferences**

Contact: Derek Michalski at dm@greenworldconferences.com, www.greenworldconferences.com

NOTE: WASWAC members are eligible to have 50% discount of the registration fee.

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings
<http://waswc.soil.gd.cn/consti-decentra.html>

September 14, 2010

(Full Day Highly Interactive Workshop as a part of the Biofuels Hall Of Fame 2010 Summit And Exhibition)

Integrated Energy Systems for Biodiesel Production Utilizing Algae and Jatropha, by Mr Russell Teall, President and Founder, Biodiesel Industries, USA. Contact: Derek Michalski, President, **Green World Conferences** dm@greenworldconferences.com

September 15-17, 2010

New Zealand Soil Carbon Conference

The second New Zealand Soil Carbon Conference is being held in Wellington, NZ from the 15-17th of September. We are pleased to offer participants a rich content of insightful keynote addresses, panels as well as intellectual and practical discussions. The wide variety of speakers will draw together the science and practical methods behind biological/carbon farming, and the benefits of building humus and soil carbon. This conference will address the challenges facing many of us at this present time along with some ideas for change through innovation.

The New Zealand Soil Carbon Conference brings together an unprecedented range and calibre of participants, offering a unique opportunity for attendees to socialize, network and exchange ideas with peers from across the cutting edge of agricultural and scientific communities. For more information please go to www.soilcarbonconference.co.nz or email Nicole@integritysoils.co.nz

September 18-20, 2010

I am sending you for circulation to all the readers of the CA-CoP-listserv an announcement on the **International Conference on Traditional Practices in Conservation Agriculture** to be held from 18-20 September 2010 in

Bengal Chapters in collaboration with Maharana Pratap University of Agriculture and Technology and the Rajasthan College of Agriculture, Udaipur. It is co-sponsored by Center for Indian Knowledge System, Chennai, Tamilnadu, India.

I am confident that the scientists/agencies involved in research and development in conservation agriculture would find it extremely useful. The persons interested in attending it should fill the attached form and send it to the Organizing secretary, Dr. S. L. Choudhary (slcchoudhary@yahoo.com or slc_aahfrc@rediffmail.com).
Surendra Beniwal, Ph.D., Hon. Prof., Trustee, Asian Agri-History Foundation, Tel (Cell-India):+91 98102 74491

September 20-24, 2010

Henry A. Wallace/CATIE Inter-American Scientific Conference Series, 6th Conference, Turrialba, Costa Rica September 20-24, 2010, Agrobiodiversity in Mesoamerica from genes to landscapes

The aim of this conference is to strengthen the use and management of agrobiodiversity in Mesoamerica by bringing together international research and public sector organizations, universities and civil society to study, analyze and take action to promote sustainable land management, in recognition of the International Year of Biodiversity in 2010, as declared by the United Nations. The conference will link science, practical action and policy to address the challenge of loss of agricultural biodiversity in Mesoamerica.

For more information, contact Fabrice DeClerck, CATIE, fdeclerck@catie.ac.cr, + (506) 2558-2596. (From PES Newsletter for February 2010)

September 27-29, 2010

International conference "innovation in food science and nutrition.....future challenges"

Location: Cairo, Egypt, Documents: [Image 1](#) - [Image 2](#)

September 27-October 1, 2010

6th International phosphorus workshop. Spain. <http://www.ipw6.us.es/>, ipw6@us.es (From IUSS Alert 52)

October 4-7, 2010

European Congress on Conservation Agriculture, Madrid, Spain. Towards Agro-Environmental Climate and Energetic Sustainability. Details are in website www.eurocongressca.eu; Contact info@eurocongressca.eu for more information.

October 6-8, 2010

ECHO Agricultural Conference for Northeast India

The *ECHO Agricultural Conference for Northeast India*, the first of its kind in the region, will be hosted by **NEICORD** (North East India Committee on Relief and Development) in collaboration with the ECHO Asia Regional Office. The conference, organized for those engaged in agriculture development in Northeast India, will focus on sharing among participants, particularly with regard to improvement of hill cultivation, eco-forestry, SRI and preserving the environment. The conference will include plenary sessions on important issues provided by excellent resource persons. Participants will be able to network and exchange skills and knowledge. Venue: Barapani, Shillong - Meghalaya

For more information contact: Joshi Tuisum

Phone - +919436102076, +919436102076 Email - jtuisum2003@yahoo.com, charity@neicord.org

October 6-10, 2010

Eurasia Conference on Chemical Sciences Location: The Dead Sea, Jordan, **Document:** [Image](#)

October 8-29, 2010

Tenth meeting of the Conference of the Parties to the Convention on Biological Diversity - CBD COP 10:

The tenth meeting of the Conference of the Parties to the Convention on Biological Diversity (COP 10) will be held in Nagoya, Japan on 8th-29th of October 2010. This meeting is expected to assess achievement of the 2010 target to reduce significantly the rate of biodiversity loss, adopt an international regime on access and benefit-sharing and celebrate the International Year of Biodiversity 2010. <http://www.cbd.int/meetings>
<http://www.cop10.jp/aichi-nagoya/english/cop/cop.html>

October 9-13, 2010

THE 7TH ANNUAL INTERNATIONAL SYMPOSIUM ON MANAGED AQUIFER RECHARGE ABU DHABI, Abu Dhabi United Arab Emirates

October 11, 2010

[Hydrology Conference 2010 - The Changing Physical and Social Environment: Hydrologic Impacts and Feedbacks](#) San Diego, USA

October 11-15, 2010

LANDCON 1010 Meeting*

World Association of Soil and Water Conservation (WASWC)

International Conference on Combating Land Degradation in Agricultural Areas and the First Annual Councilor Meeting of WASWAC (LANDCON1010)

(Invitation is extended to all 28 councilors from all over the world to meet for the first time in Xi'an, China)

(The 2nd Announcement)

I INVITATION

You are cordially invited to participate in the International Conference on Combating Land Degradation in Agricultural Areas and the First Annual Councilor Meeting of WASWAC (LANDCON1010) to be held in Xi'an, Shaanxi Province, China from October 11th to 15th, 2010.

Land is foundation of human survives and development, but the Land degradation is intensifying in many parts of the world because of the unreasonable land use and global climate change. According to the FAO's estimation in 2008, there 1.5 billion people, or a quarter of the world's population, depend directly on land that is being degraded. Land degradation could induce the deterioration of the ecological function and productivity of land directly through soil erosion, desertification, salinization, loss of bio-diversity and so on. Furthermore, the land degradation has already threatened and is threatening the socio-economic and culture development at regional and global scales.

Fortunately, the increasing attention has been paid in combating land degradation all over world, such as the Soil and Water Conservation Engineering in the Upper and Middle Reaches of Yellow River since 1980 and "Grain for Green Project" of China, ACIAR-AusAID Landcare Project in Australia, the GEF UNEP/FAO program on Land Degradation Assessment in Dryland Areas (LADA) and EU FP6 Integrated Project on Desertification Mitigation and Remediation of Land (DESIRE).

We sincerely hope that you will join us in making LANDCON1010 a success. We look forward to welcoming you to LANDCON 2010 and Xi'an, China.

II THEMES

- Situation and evolution of land degradation
- Mechanism and driving factors of land degradation
- Control measures of land degradation
- Evaluation of land degradation and land management on environment
- Land degradation and regional social-economic sustainable development
- Effect of global change on land degradation
- And other related topics.

III ORGANIZATION

1 Initiative organizations

World Association of Soil and Water Conservation □ WASWC □
Soil and Water Conservation Society of China □ CSWCS □

2 Sponsors

Chinese Academy of Sciences (CAS)
Ministry of Water Resources, China (MWR)
Shaanxi Provincial People's Government

3 Host

IV VENUE AND DATE

Date: October 11-15, 2010

Venue: Xi'an, Shaanxi Province, P. R. China

V SECRETARIAT

Secretariat of LANDCON 1010

Address: Institute of soil and water conservation, CAS & MWR

Xinong Road 26, Yangling, Shaanxi Province, China

Post Code: 712100

Secretary general: Prof. Guo Binliu, deputy-Director of ISWC, CAS and MWR

Emails: landcon1010@ms.iswc.ac.cn, landcon1010@gmail.com

Website: www.iswc.cas.cn/landcon1010

Contact us:

Secretary: Dr. Fei Wang

Tel: +86 29 8701 9829 +86 1377211 9949

Fax: +86 29 8701 2210 +86 29 8701 9829

Secretary: Mrs. Wei Zhang,

Tel: +86 298701 2872, Email: zhangwei@ms.iswc.ac.cn

**World Association of Soil and Water Conservation (WASWAC)
International Conference on Combating Land Degradation
in Agricultural Areas (LANDCON1010)**

Participant Feedback (Registration Form)

Name	<i>(Given name, middle name and Surname)</i>
	Male <input type="checkbox"/> Female <input type="checkbox"/>
Title and position	
Work unit	<i>(Name of Organization or Institute) (abbreviation)</i>
Research field (3 maximum)	
Address (Post code)	
Telephone	
Mobil phone	
Fax	
email	
Note	

How to write your abstract

Title of the Paper (16pt Times New Roman, Bold, Centered)

(One blank line)

Authors1' name, Authors2' name, etc (12pt Times New Roman, centered)

Author's title, Department, University, City, Post zone Number, Country (12pt Times New Roman, centered)

(One blank line)

Abstract (12pt Times New Roman, Bold, Left)

(1) Use single spaced, 12pt Times New Roman for your text.

(2) Manuscripts should be written in English and maximum **200 words** in length.

Keywords (12pt Times New Roman, Bold, Left):

Write your keywords (5 words max.) here with 12pt Times New Roman.

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings
<http://waswc.soil.gd.cn/consti-decentra.html>

October 27-29, 2010

**SOCIEDAD COLOMBIANA DE LA CIENCIA DEL SUELO
XV CONGRESO COLOMBIANO DE LA CIENCIA DEL SUELO**

Hotel de Pereira, Pereira-Risaralda

Octubre 27-28 y 29 de 2010

**“EL SUELO:
SOPORTE DE LA BIODIVERSIDAD Y PRODUCCIÓN EN
AGROECOSISTEMAS TROPICALES”**



COMISIONES CIENTÍFICAS:

- Fertilidad de suelos y nutrición vegetal
- Química de Suelos
- Física de suelos
- Biología del suelo
- Usos de la tierra
- Educación en ciencia del suelo

SIMPOSIOS:

- Captura de carbono y cambio climático.
- Calidad de suelos.
- Innovación educativa y futuro de la ciencia del suelo.
- Fertilidad de suelos, producción agrícola dinámica del Fósforo y Nitrógeno.
- Física, hidrología, degradación, manejo y conservación de suelos y aguas.
- Biología del suelo y Materia Orgánica.
- Programa CALS, metodologías de análisis de suelos y plantas.
- Sistemas de información geográfica, teledetección y sus aplicaciones en la ciencia del suelo.
- Suelos ácidos, salinos, sódicos, calcáreos y yesíticos.
- Suelo, ambiente y sociedad.

**NORMAS PARA PRESENTACION DE TRABAJOS
INSTRUCCIONES A LOS AUTORES
RESUMENES PARA TRABAJOS ORALES**

Fecha límite de entrega: **JUNIO 30 de 2010**

TAMAÑO: 1 Hoja Tamaño Carta (21,5 x 27,0 cm) con márgenes de 2,5 cm a todos los lados, a una columna, espacio sencillo

TITULO. Times New Roman, tamaño 12 en mayúscula y negrita. Sin espacio entre líneas y centrado.

AUTORES: Times New Roman, tamaño 11 en negrita y centrado

ENTIDAD: Times New Roman, tamaño 12 en negrita e *itálica*.

CORREO ELECTRONICO DE LOS AUTORES: Times New Roman 11.

TEXTO DEL RESUMEN: Times New Roman, tamaño 12. Deberá contener objetivos, situación actual del tema muy sucintamente, métodos y técnicas empleadas, resultados y conclusiones. (Con un máximo de 350 palabras). Incluya al final del resumen, tres palabras claves que identifiquen el contenido del trabajo en un renglón aparte en *itálica*.

RESUMEN AMPLIADO

El resumen expandido no debe exceder las 4 páginas, los cuadros y/o figuras deberán estar insertados dentro del texto con el título en la parte inferior, no se aceptarán en archivos separados. Los trabajos deberán ser escritos en español en formato Microsoft Word, Times New Roman 11. Es obligatorio el uso del Sistema Internacional de Unidades.

INSTRUCCIONES PARA EL RESUMEN AMPLIADO

TITULO. Times New Roman, tamaño 12 en mayúscula y negrita en Español y en Inglés (Minúscula y tamaño 11 en negrita).

AUTORES: Times New Roman, tamaño 11 en negrita y Cursiva

ENTIDAD: Times New Roman, 11, cursivas.

CORREO ELECTRONICO: Times New Roman 11 cursiva.

RESUMEN EN ESPAÑOL Y ABSTRACT.

INTRODUCCION: En forma breve indicar la motivación, la importancia y los objetivos de su trabajo.

MATERIALES Y METODOS: Explique su metodología resaltando solo lo más importante, utilice la literatura citada en el mismo resumen o haga alusión a métodos convencionales sin describirlos. Es importante indicar cómo evaluó y analizó sus datos experimentales.

RESULTADOS Y DISCUSIÓN: En esta sección describa sus observaciones más sobresalientes y discuta cada resultado relevante con relaciones a las hipótesis planteadas, los objetivos y los antecedentes de su revisión de la literatura. Cada cuadro o figura debe ser introducido, analizado, discutido e insertado como texto dentro del documento.

CONCLUSIONES. 3-4 conclusiones del trabajo que sean coherentes con los objetivos del mismo.

REFERENCIAS BIBLIOGRAFICAS: La Literatura citada deberá estar indicada en el texto.

AUTOR A, AUTOR B, AUTOR C. 2009. Título. Publicación vol. (número): páginas.

Las citas deberán simplificarse al máximo según este ejemplo y no usar doble espacio después de los puntos, ni sangría.

ARTÍCULOS COMPLETOS:

De ser aprobados por la Comisión Científica y Técnica, tendrán plazo hasta **JULIO 30 de 2010** para su envío.

Instrucciones para cartelones

1. ROTULO

1.1 Título. Las letras para el título deberán ser de 2.5 cm de altura como mínimo, con tinta oscura que contraste con el resto del cartel, también deberá incluir el nombre del autor y/o expositor y nombre de la institución.

1.2 Cuerpo. Los encabezados de los cuadros y figuras, así como el texto, deberán tener al menos 1 cm de altura, de tal manera que puedan ser leídos a 2 metros de distancia, debiéndose reducir la escritura de párrafos u oraciones complejas.

1.3 Figuras, cuadros y fotos. Las letras y números incluidos en las figuras, cuadros y fotos tiene las mismas reglas que el texto.

1.4 Materiales accesorios. Es deseable colocar en el cartel la dirección del ponente y/o autor(es) para fines de identificación y futura correspondencia.

1.5 El material expuesto deberá presentarse con una secuencia lógica: título, autores, introducción, materiales y métodos, resultados, discusión, conclusiones y referencias.

Se dispondrá de un espacio 1.00 m de ancho y 1.20 m de alto para colocar su cartel.

2. GENERALES

2.1 El horario y presentación de carteles, serán señalados en el programa general y al final de la sesión deberán ser retirados por el autor o el designado para ello. La comisión no se hará responsable de ningún cartel que no sea retirado.

2.2 Todo preparativo del cartel deberá hacerse con anticipación, pues el Comité Organizador se reservará el derecho de admisión de aquellos carteles cuya estructura sea muestra obvia de imprevisión.

2.3 Enviar el resumen del cartel antes de: **JUNIO 30 de 2010** con las mismas normativas explicadas en el ítem de los resúmenes para presentación oral. Indicar en el correo su preferencia. Así mismo enviar resumen expandido antes de **JULIO 30 de 2010** para ser publicado en las memorias.

VALOR DE INSCRIPCIÓN AL CONGRESO ANTES DE JULIO 31 DE 2010

Socios: \$400.000

No socios: \$480.000

Estudiantes de pregrado socios: \$350.000

Estudiantes de pregrado no socios: \$370.000

VALOR DE INSCRIPCIÓN AL CONGRESO DESPUES DE AGOSTO 1 - 2010:

Socios: \$480.000

No socios: \$580.000

Estudiantes de pregrado socios: \$370.000

Estudiantes de pregrado no socios: \$390.000

Los estudiantes de Pregrado deben enviar copia del carné estudiantil vigente.

Estudiantes de Posgrado deben pagar tarifa de profesionales socios o no socios según su calidad.

El valor de la inscripción da derecho a:

- . Almuerzos, refrigerios, café y agua durante los días del evento.
- . Credencial, maletín, programa, memorias en CD, libro de resúmenes, certificado de asistencia.
- . Asistencia a la cena de inauguración

Formas de pago:

Pago en efectivo o en cheque a nombre de la SOCIEDAD COLOMBIANA DE LA CIENCIA DEL SUELO (Nit. 860.031.042-2) o por consignación nacional o transferencia electrónica al Banco de Bogotá cuenta corriente No. 05600136-5 y/o Bancolombia Cuenta de Ahorros 58657178720.

Remitir copia de la consignación o de la transferencia a la Carrera 11 No. 66-34 oficina 202 o al telefax (1) 2113185 y 2113383 de Bogotá.

October 31-November 4, 2010

ASA-CSSA-SSSA International Annual Meeting is in Long Beach California, U.S.A. 31 October – 4 November 2010.

November 4-5, 2010



[Annual conference of the Arab Forum for Environment and Development \(AFED\)](#)

[Water: Sustainable Management of a Scarce Resource](#) Date: 4-5 November 2010. Beirut, Lebanon

November 5-7, 2010

Conference on Asian Borderlands – Enclosure, Interaction, and Transformation, Chiang Mai, Thailand: 5-7 November 2010. This conference draws from James C. Scott's book, *The Art of Not Being Governed: An Anarchist History of Upland Southeast Asia*, which explores the mountainous regions of the Himalayas and its lower ranges where many groups of people live across multiple national borders. It intends to encourage scholarship that looks across Asian borders, and invites papers that develop new perspectives on this study. For more information, <http://asiapacific.anu.edu.au/newmandala/2009/10/05/asian-borderlands-enclosure-interaction-and-transformation/>

November 8-12, 2010



The **16th Congress of the International Soil Conservation Organization (ISCO 16), THE LAND WE WANT FOR THE FUTURE MUST BE BUILT TODAY**, scheduled for November 2010 in Santiago, Chile, has now established an active website with most of the information needed by potential contributors and participants. Please visit <http://www.iscochile2010.cl/> for pertinent details, and inform your associates, colleagues and ISCO friends accordingly. Expedient publicity in your organization's bulletins and newsletters will be particularly appreciated. Contact: Claudio Perez Castillo (cperez@inia.cl) and German Ruiz Cardenas (german.ruiz@sag.gob.cl) and ezagal@udec.cl

CONGRESS FEES (from the website):

Registration fee will cover the welcome reception, participation in the scientific sessions, book of abstracts, coffee, tea and snacks, social dinner, and field excursion (including lunch) at the end of the conference.

Members of **SISS, IUSS and ESSC** (Latinoamerican Society for Soil Conservation) **€250**

Students (evidence in support) **€50**, Non-members **€300**.

Payments received later than 30 September 2010 will be increased by **€50**

The 2nd Announcement will provide details on methods of payment.

PROGRAM:

SUNDAY 07 NOVEMBER 2010

Arrival of participants, registration and welcome reception

MONDAY 08 NOVEMBER

Opening ceremony, Keynote paper presentations,

Oral and poster session

TUESDAY 09 NOVEMBER

Oral and poster presentations

WEDNESDAY 10 NOVEMBER

Field excursion (details will be provided latter)

THURSDAYS 11 NOVEMBER

Oral and poster presentations,

Social dinner

FRIDAY 12 SEPTEMBER

Oral and poster presentations,

Conclusions of the workshop

SATURDAY 13 SEPTEMBER

Departure

IMPORTANT DATES:

DEADLINE FOR RECEIVING ABSTRACTS: MARCH 12, 2010.

NOTIFICATION OF ABSTRACT ACCEPTANCE: APRIL 15, 2010

DEADLINE FOR SUBMITTING FULL PAPERS: MAY, 2010.

NOTIFICATION OF SCHEDULED ORAL PAPERS AND POSTERS: JUNE, 2010

November 9, 2010

[STORMWATER 2010 - Stormwater Industry Association National Conference](#) Sydney Australia

November 11-13, 2010

Forestry Faculty of Belgrade University has the pleasure to invite you to participate in the International Scientific

Conference “**First Serbian Forestry Congress**”, under slogan Future with Forests, to be held on 11-13 November 2010 in Belgrade, Serbia.

Please, hereby find attached the Second Announcement and accommodation information.

Additional information on the Conference could be found at: www.sfb.rs

We shall look forward to meet you in Belgrade in November 2010.

prof. Dr. Milan Medarević, Dean of the Faculty of Forestry
Chairman of the Organizing Committee

prof. Dr. Ratko Ristić, Vice Chairman of the Organizing Committee

Please contact for more information: Vukasin Milcanovic vukasin.milcanovic@sfb.rs

November 15-17, 2010

International Conference

on

COOLING THE EARTH
TACTICS FOR RESTORING CLIMATE ORDER AND
SAVING THE LIVING PLANET

LandCon 1011 Meeting

15 to 17 November 2010

Sponsored by

Department of Biotechnology
Government of India



Organised by

Department of Environmental Sciences
College of Basic Sciences and Humanities

G.B. Pant University of Agriculture and Technology
Pantnagar-263145, U.S. Nagar (Uttarakhand) India

www.gbpuat.ac.in

International Conference

on

COOLING THE EARTH

Tactics for Restoring Climate Order and Saving the Living Planet

15 to 17 November 2010

Background

Global warming and climate change are the worst realities of our times. Never before in the recorded history of life has the living planet faced such an alarming situation. Local, national and international organizations have generated, collected, exchanged and disseminated enough information on the on-going trends, patterns, factors and implications of the global warming and consequent climate change. Volumes of information on the subject have come into being. Earth's warming climate is estimated to contribute to more than 150,000 deaths and five million illnesses every year and, according to WHO, this toll could double by 2030. The climate change is driving up rates of malaria, diarrhea, outbreak of dengue fever in South Asia, and fast adding to human woes, such as glacier melt, gloom on Antarctica, rise in sea level, loss of species, and the likes. The catastrophic changes need not to confine only to the altered socio-economic scenarios. The implications might be much more formidable than the humanity could predict or even thought of. If the warming up trend goes on rampantly, the ecological processes that keep life in the state of equilibrium and sustainability might be knocked down giving rise to a situation that would spell a doom on the planet. The rampantly going-on processes of liberalization, privatization and globalization (LPG) are increasingly giving way to economic development without a thought at the cost of the living planet.

Time is now ripe for us to evolve all possible strategies which could be of critical value for resolving vital issues of our times. The state of the planet is largely owing to anthropogenic dimensions. Therefore, restoration of the Earth's climate order and cooling of Earth is possible. Humanity is capable not only of arresting and reversing the global warming process, but also of putting the living planet back into the state of vibrancy, *joie de vivre* and sustainability. This, amongst other things, demands efficient environmental management with focus on carbon emission reduction and abatement, enhanced carbon sequestration, increased use of clean and non-polluting sources of energy, ecological philosophies nurtured by philosophers that could be vital for evolving eco-centric strategies of development, and formulation and implementation of policies and programmes that could lead to cooling of the Earth.

Issues relating to global warming and climate change are relatively new. Emphasis on the work towards handling these issues vigorously dates back to mid 1990s. The very notion of climate change increasingly becoming a buzzword of our times and the contribution to awareness about the issues has even won Nobel Prize for ex-US Vice-President Al Gore and IPCC. Intensive efforts towards evolving effective strategies implementable at global scale that could dynamically lead to cooling of the Earth, however, are still to be made. Further, in global warming mitigation efforts focus has rather been on piecemeal approach, not on comprehensive strategies of cooling the Earth that could provoke action at global level. The proposed international conference would give this opportunity.

The recent Environment Report based on a pilot study, called the 2006 Environmental Performance Index, indicates about the dismal state of environment in the context of India. This has to be taken seriously and remedial measures to maintain our environment safe and sound need to be taken up and implemented effectively.

When it comes to address the issues of global warming and consequent climate change, it could be realized that most of the seminars and conferences have focused on carbon sequestration, also known as carbon farming. The GB Pant University of Agriculture and Technology conducted a National Conference on Ecosystem Diversity and Carbon Sequestration in 2007. Carbon sequestration, eventually is linked with ecosystems diversity. If the carbon sequestration issues are to be effectively addressed, they need be done so against the background of the ecosystem diversity. Carbon sequestration through physical/ artificial means, clean development mechanisms, carbon-trading, etc. is the major focus so far often discussed on various forums throughout the world. No-till farming being taken massively by the International Society of Soil and Water Conservation is the other area of intensive discussion. World Bank in Washington, DC has mobilized the Bio Carbon Fund to alleviate poverty and promote biodiversity conservation by aiding farmers in developing countries to practice no-till. There are many other such agencies which are coming forward to pay for carbon sequestration efforts of farmers.

Cooling the Earth is undoubtedly has to be the greatest concern and challenge before the humanity— as well as the most critical human obligation to be accomplished. We need to evolve holistic strategies to solve the

problems that have implications for the very survival and sustainability of our planet, as well as of our own species on the planet. The proposed International Conference would be an attempt towards that direction.

Objectives

- To bring scientists, academicians, researchers, thinkers, philosophers, environmentalists, managers, social workers, industrialists, administrators, institutions, government representatives, and NGOs committed to the cause of the Earth from all over the world on a single platform to analyse and discuss the alarming problems and trends facing humanity and costing the living planet
- To evolve viable, effective and workable strategies, including promotion of eco-philosophy and lifestyles without carbon footprints, that could contain and reverse the processes of global warming and help restoring climate orders of the Earth
- To send an appeal to all peoples of the world for creating synergies and social atmosphere conducive to resolving critical socio-economic, development and environment related issues of our times and work out a plan for global cooperation for promoting long-term strategies aimed at preparedness against global warming and climate change.
- To promote life enhancing ecological philosophy, alternate and frugal lifestyles and prepare a ground for ecological renaissance for healing and reviving our tormented planet.

Themes/ Topics

1. Our Common Biosphere: State of the global environment
2. Climate change impacts on different environmental components (lands and soils, waters, atmosphere, biosphere)
3. Himalayan mountains and their contribution to cooling of the Earth
4. Biodiversity and climate change mitigation
5. Climate change impacts on various food production and livelihood systems (cropping, forestry, rangelands, pastoralism, animal husbandry, fisheries, etc.) and on food, nutrition and livelihood security, and on human health
6. Concerns, challenges and conflicts being borne out of the current state of free carbon in environment manifesting into global warming, climate change and socio-economic unsustainability
7. Social, cultural, and political dimensions of the problems
8. Environmental management, energy resources, clean development mechanisms, adaptation strategies, case studies and success stories
9. International legislations and agreements
10. Eco-philosophy, alternate lifestyles, ecological renaissance; ushering in a sustainable future; searching new horizons of sustainability

Participants

University/ college teachers, researchers, environmental managers, agriculturists, research students, representatives from R&D organizations, ministries, government departments/ organisations, expert NGOs/ International NGOs, representatives from industries, administrators, policy makers, sociologists, economists, committed environmental activists and eco-philosophers.

Submission of Abstract

Participants are requested to send an Abstract on any of the themes of the Conference through e-mail attachment to: coolingtheearth2010@rediffmail.com, coolingtheearth@gmail.com

Format of Abstract

Title (14 PT BOLD, CENTRED) – double space after title

Presenting author, other authors (12 Point, Normal)

Department/ institute/ company address (10 Point, Normal)

e-mail (9 Point, Normal) – double space after this line

Abstract not exceeding single page should be typed in 12 Point, Times New Roman, Normal font, single space

Use A4 size paper with margins: Top, bottom and right 1 inch and left margin 1.5 inch

Last for Abstract submission: 15 May 2010

Last date for Abstract acceptance: 30 May 2010

Last date for submission of full paper: 30 June 2010

Registration Fees

	Indian (Rs.)	Foreign (US\$)
Delegate	2,000.00	200
Student delegate	1,000.00	100
Accompanying person	1,000.00	100
Delegates from industry	3,000.00	300
Post-conference tour (optional)	200.00	5

Registration fee will include registration kit, accommodation, all meals and refreshments, cultural events, compendium and other literature, etc.

Day-long post-conference tour is an opportunity for the participants to have a glimpse of the panorama of majestic Himalayas, picturesque lakes and life of mountain people.

Payment can be made through draft in favour of COOLING THE EARTH payable at Punjab National Bank, Pantnagar (Uttarakhand, India) Branch or through direct bank transfer. Please write to the Coordinator for details. On-the-spot payment in cash or through draft/ local cheque can also be requested.

The Venue

The GB Pant University of Agriculture and Technology based in Pantnagar in the foothills of the Himalayas in the Uttarakhand State of India is the first and the largest agricultural university in India based on the Land Grant Pattern of USA. Established in 1960, the University is ushering in its Golden Jubilee Year from November 18, 2009. The University is recognised as the Harbinger of Green Revolution in India. It carries out four major programmes: education, research, extension and seed production. The College of Basic Sciences and Humanities (CBSH), one of the ten faculties of the University, came into being along with the establishment of the University. CBSH runs degree programmes for Undergraduate, masters and Ph.D. students and conducts research on vital issues relating to environmental science, chemistry, agri-chemicals, plant physiology, biochemistry, physics, bio-physics, biological sciences, molecular biology and genetics, maths and statistics, sociology and languages, etc. The Department of Environmental Science came into existence in 1984 as the eleventh department of CBSH. The Department runs M.Sc. and Ph.D. Degree programmes and conducts research on environmental management, eco-toxicology, eco-restoration, forest/ rangeland ecology, carbon sequestration, climate change, etc.

Patron: Dr. BS Bisht, Vice-Chancellor, GB Pant University of Agriculture & Technology

Chairman: Prof. BRK Gupta, Dean College of Basic Sciences & Humanities

Coordinator: Prof. Vir Singh, Department of Environmental Science

Contact: Prof. Vir Singh, Department of Environmental Science, CBSH, GB Pant University of Agriculture & Technology, Pantnagar – 263145 (Uttarakhand) India Phone: +91-233321 (Off.); +91-233887 (Res.); +91-9410116962 (Mobile)

e-: coolingtheearth2010@rediffmail.com, coolingtheearth2010@gmail.com, drvirsingh@rediffmail.com

www.gbpuat.ac.in

November 25-27, 2010

Conference on Land Reform and Management of Natural Resources in Africa and Latin America, Cataluña, Spain <http://www.congresreformasagrarias.org/>, ccdr@ccdr.udl.cat, www.ccdr.udl.cat.

LandCon 1012a Meeting

December 11-13, 2010

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings

<http://waswc.soil.gd.cn/consti-decentra.html>

**International Geographical Union (IGU) Commission Seminar
on Land Use, Biodiversity and Climate Change**

Cotton logo

December 11-13, 2010
Circular No-1
Organised by
Department of Geography, Cotton College,
Guwahati-781001, Assam, India

About the College:

Cotton College, established in 1901, has been rendering its service to the entire North East India for last 108 years and producing numerous luminaries, placed across the world today. This Post Graduate College has P.G. teaching in as many as 21 subjects in 22 departments. The college, which began only with 39 students and 5 teachers, has now more than 5000 students and 235 teachers.

The NAAC has accredited the college as Grade 'A'.

It has also been recognized as the college with Potential for Excellence (CPE) by the UGC.

About the Geography Department:

On 19th August 1959, the Department of Geography was started with Commercial Geography as one of the subjects of Pre University Course. The Department was upgraded to a Degree Department in 1961 and to Honours level in 1962. From the session 1984-85 Post Graduate course was started under Gauhati University. The Laboratory of the Department has been recognized by the Gauhati University to carry out PhD research. The Department has received the financial assistance from DST under FIST Programme.

Location and Weather:

Cotton College is located at Panbazar, 500 metres from Guwahati Railway Station and 28 km from the Lokopriya Gopinath Bordoloi International Airport. As it will be cool in the month of December, participants are advised to carry warm clothing.

Important Dates:

Seminar- 11th, 12th and 13th December 2010

Abstract submission- 31st August 2010

Registration (early bird)- Before 30th September 2010

Full paper submission- 31st October 2010

Theme & Sub-themes:

Land use, Biodiversity and Climate Change

Sub Themes-

- Population and land use
- Changing human values and impact on environment
- Developmental change and human health
- Biodiversity and the Himalayas
- Land use change and wetlands
- Man animal conflicts
- Urban development and land use change
- Changing land use and climate change
- Sustainable land use practices
- Geoinformatics in land use and climate change

Chairman:

Dr Indra Kumar Bhattacharyya, Principal, Cotton College

Vice Chairman:

Dr Bhaben Ch Kalita ,Head, Department of Geography

Dr R.B. Singh, IUGG-IGU National Committee Member

Convener:

Dr Mahfuza Rahman, Deptt. of Geog. Cotton College

Joint Convener:

Dr Pradip Sharma Deptt. of Geog. Cotton College

Organising Secretary:

Dr Jayasree Borah Deptt. of Geog. Cotton College

Treasurer:

Dr Rupali Phukan Bhuyan Deptt. of Geog. Cotton College

December 11-13, 2010

The 11th Asian Urbanization Conference

December 10th - 13th, 2011

Department of Geography

Osmania University, Hyderabad 500007, India

The 11th Asian Urbanization Conference is being hosted by the Department of Geography, Osmania University Hyderabad, India in association with The *Asian Urban Research Association (AURA)*. AURA was established in January 1986 and is housed in the University of Akron, Ohio, USA. It is a non profit and private research organization whose primary purpose is to promote the study of urbanization, urban growth and to organize Asian Urbanization Conferences. The first Asian Urbanization Conference was held at the University of Akron in 1985. The conferences are biennial (held every other/alternate year) and have resulted in many publications. The scholarly legacy of the original organizers and the successful history of these conferences have served to brand this conference as of a recognized quality for a diversity of scholars and practitioners across the globe. The following is the sequence of conferences held under the aegis of AURA:

- 1st Conference, 1985, University of Akron, Akron, USA
- 2nd Conference, 1988, Nanjing University Nanjing, China
- 3rd Conference, 1991, Delhi University, India
- 4th Conference, 1994, National Taiwan University, Taipei, Taiwan
- 5th Conference, 1997, School of Oriental and African Studies (SOAS), London, UK
- 6th Conference, 2000, Madras University Chennai, India
- 7th Conference, 2003, University of Georgia, Athens, USA
- 8th Conference, 2005, Ryutsu Kagaku University, Kobe, Japan
- 9th Conference, 2007, Kangwon National University, Chuncheon, Korea
- 10th Conference, 2009, The University of Hongkong, Hongkong SAR, China

Conference Secretariat: Department of Geography, Osmania University, Hyderabad, 500007, India Email: auc11hyd@gmail.com Ph: 91- 040-27097192, 91-040-27682203 Visit us at www.osmania.ac.in

December 17-18, 2010

[The 3rd Global Fisheries & Aquaculture Research Conference](#) Cairo, Egypt Documents: [1](#) - [2](#)

December 13-17, 2010

LandCon 1012b Meeting

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings <http://waswc.soil.gd.cn/consti-decentra.html>

International Conference, Valparaiso, Chile, December 13-17, 2010

“Optimizing water resources in a world of water shortage”



ASADWA
Arid and Semi-Arid
Development through
Water Augmentation

Secretary

English

Centre for Eremology

Coupure Links 653,

9000 Gent, Belgium

Tel: +32.9.264.60.58

Fax: +32.9.264.62.47

Spanish

CAZALAC

Benavente 980,

La Serena, Chile

Tel:+56.51.20.44.93

Fax:+56.51.20.44.9

Official conference website <http://www.asadwa.ugent.be>

Contact e-mail asadwa@ugent.be

ASADWA is sponsored by



Programa Hidrológico Internacional

And organized by



G-WADI



Programa Hidrológico Internacional
Conaptil - Chile

Context

It needs no introduction that water scarcity is one of the mayor problems nations are facing in the next decades, especially in (semi)arid locations. It has also been shown that climatic vulnerability is increasing in these areas, due to global change, exacerbating climate risks in already drought prone regions. Given the continuous rise in water demand due to further development of these drylands, and the occurrence of large (mega)cities in some of these regions (Lima, Santiago, Mexico City) the water resources are under enormous pressures that threaten their sustainable use in the long run. Ensuring water availability with acceptable quality therefore remains a key task for policy makers, increasing the need for sound scientific research in these areas. The problem tackled within the conference is the need for sustainable ways to secure water availability in regions where climatic uncertainty highly influences growth potential. Out of the myriad of possible solutions, those need to be documented that effectively address the problem and contribute to the further consolidation of sustainable development in these dryland regions.



Conference Goals

The international conference on water augmentation intends to unite scientific researchers that are working worldwide to increase the water availability in drylands. Secondly, it aims at generating useful output that can stimulate new techniques to be adopted, and allow learning from successes and failures. Third, it is intended to develop a network of water augmentation experts.

Conference Topics

Development, efficiency assessment, design, implementation, impact, constraints and social, economical and cultural aspects of

- 1: Rainfall-Runoff Water Harvesting
- 2: Fog and Dew Harvesting
- 3: Aquifer Management and Recharge
- 4: Desalinization (for Dryland Applications)
- 5: Water Reuse
- 6: Water Use Efficiency



Venue

The ASADWA conference will be organized in the UNESCO World Heritage site of Valparaiso, Chile, and forms part of the larger Universal Forum of Cultures, organized in Valparaiso from October 2010 until January 2011. This allows to open up dialogs with decision makers, give presentations and interact with the general public on sustainable development of drylands under increased climate variability. Proposals for



extra-conference activities are welcomed as well.

Important Dates:

The submission process has four stages:

1. **May 15**, 2010: Intention to participate:
2. **June 15**, 2010: Deadline for submission of abstracts: An extended abstract in English should be submitted to the conference secretary: asadwa@ugent.be
3. **July 15**, 2010: Notification of abstract acceptance.
4. September 15, 2010: Deadline for submission of short papers (in Spanish or English).

Participants to the conference should register as soon as possible to take advantage of reduced conference fees that include:

- Admittance to oral and poster sessions
- Conference material
- Opening Reception
- Coffee breaks
- Conference banquet

Early Registration Deadline: **October 15**, 2010

Early Registration fee: 130 EUR

Late Registration fee: 170 EUR

Students (without banquet): **85 EUR** (Scholarships available for selected countries)

Additional activities:

Field Excursion: 40 EUR; Conference banquet (accompanying persons): 35 EUR

MEETINGS 2011++

LANDCON 1101 Meeting*

January 4-5 and 6-7, 8, 2011

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings
<http://waswc.soil.gd.cn/consti-decentra.html>

Second International SWAT-SEA Workshop and Conference

(SWAT-SEA II) January 4-8, 2011 <http://ssc.hcmuaf.edu.vn>

Ho Chi Minh City (former Saigon), Vietnam

The Second International Conference on the Soil and Water Assessment Tool - Southeast Asia (SWAT-SEA) is scheduled to take place in Ho Chi Minh City, Vietnam, January 4-8, 2011. SWAT-SEA 2011 is being organized by Nong Lam University – Ho Chi Minh City, Vietnam and North Carolina Agricultural and Technical State University, USA. Additional information about the conference is available at <http://ssc.hcmuaf.edu.vn>. This conference is supported by USAID-SANREM, the World Association of Soil and Water Conservation, USDA-ARS, Texas A&M and many other organizations.

Members of the **SWAT-SEA II Scientific and Organizing Committee** are: Jeff Arnold (USDA-ARS, USA), Patrick Debels (Environmental Consultant - Soresma, Belgium), Theo Dillaha (Virginia Tech, USA), Victor Ella (University of the Philippines at Los Baños, Philippines), Trinh Truong Giang (Nong Lam University, Ho Chi Minh City, Vietnam), Ashvin Gosain (Indian Institute of Technology, Delhi, India), Attachai Jintrawet (Chiang Mai, Thailand), Fanhua Hao (Beijing Normal University, China), Manoj K. Jha (Iowa State University, USA), Loi Nguyen Kim (Nong Lam University, Ho Chi Minh City, Vietnam), Mahmud Raimadoya (Bogor Agricultural University, Indonesia), Manuel Reyes (North Carolina A&T State University, USA), Hiroaki Somura (Shimane University, Japan), Raghavan Srinivasan (Texas A&M University, USA), Samran Sombatpanit (World Association of Soil and Water Conservation-WASWAC), Brett Watson (University of Saskatchewan, Canada), Gebhard Schuler (Research Institute for Forest Ecology and Forestry Rheinland-Pfalz, Germany), Do Trung Binh (Institute of Agricultural Science for Southern Vietnam), Vo Quang Minh (Can Tho University, Vietnam), Husaini Omar (Engineering Faculty, UPM, Malaysia), Rajendra Shrestha (Asian Institute of Technology, Thailand), Kobkiat Pongput, Nipon Tangtham,

Piboon Kanghae (Kasetsart University, Thailand), Sakda Sukviboon (Land Development Department, Thailand) and Khamphachanh Vongsana (Ministry of Agriculture and Forestry, Lao PDR), Hajah Suria Zanuddin and Thippeswamy Holige Mallikarjunaiah (Department of Agriculture, Brunei Darussalam), Bui Cach Tuyen (Vietnam Environment Administration, VEA), Ho Dinh Duan (Hue Institute of Natural Resources, Environment and Sustainable Development), Ha Van Hanh (Hue University of Sciences), Truong Phuoc Minh (The University of Da Nang), Nguyen Hieu Trung (Can Tho University), Le Duc Trung (Vietnam National Mekong Committee), Greg Jennings (North Carolina State University)

The first SWAT-SEA Conference was successfully held in Chiang Mai, Thailand in January 5-8, 2009. SWAT is a leading water quality watershed model being used worldwide. SWAT-SEA II is expected to bring together about 200 people from SEA region and around the world representing academic, government, non-governmental organizations, and private industry. A SWAT-SEA Workshop on January 4-5, 2011 and a SWAT-SEA Conference on January 6-7, 2011, Ho Chi Minh City (formerly Saigon), Vietnam are scheduled. A tour to Mekong Delta area is planned for January 8.

January 4-5, 2011: SWAT Training Workshops include:

- Introductory SWAT
- Advanced SWAT
- MapWindows
- Stream Restoration

January 6-7, 2011: SWAT Conference

- Large-scale Applications
- Climate Change Applications
- Sensitivity Calibration and Uncertainty
- Plant Growth
- Environmental Applications
- BMPs
- Hydrology
- Sediment, Nutrients, and Carbon
- Pesticides, Bacteria, Metals, and Pharmaceuticals
- Database and GIS Application and Development
- Urban Processes and Management
- Landscape Processes and Landscape / River Continuum
- InStream Sediment and Pollutant Transport

January 8, 2011: Field trip (Mekong Delta)

REGISTRATION FEE

(1) SWAT Workshops choose one: (January 4-5, 2011)

- **Beginners SWAT**
 - o \$250 for international participants
 - o \$100 for Vietnamese and student participants
- **Advanced SWAT** (still confirming with Anne and Karim)
 - o \$250 for international participants
 - o \$100 for Vietnamese and student participants
- **MapWindows**
 - o \$250 for international participants
 - o \$100 for Vietnamese and student participants
- **Stream Restoration**
 - o \$250 for international participants
 - o \$100 for Vietnamese and student participants

(2) SWAT Conference only (January 6-7, 2011)

- o \$300 for international participants
- o \$100 for Vietnamese and student participants

(1) + (2) SWAT Workshop + Conference (January 4-7, 2011)

- o \$500 for international participants
- o \$175 for Vietnamese and student participants

(2) + (3) SWAT Conference + Field Research Visit on Water Management in the Mekong Delta (January 6-8, 2011, includes accommodation at Can Tho City on 07 Jan, 2011)

- o \$450 for international participants
- o \$250 for Vietnamese and student participants

(1) + (2) + (3) SWAT Workshop, Conference + Field Research Visit (January 4-8, 2011)

- o \$650 for international participants

- o \$325 for Vietnamese and student participants

Registration fees The registration fee for workshop/conference participants includes workshop/conference attendance, flash drive which contains the abstracts, proceedings and MapWindows and Open SWAT software, lunches and 2 coffee breaks 04-05 Jan 2011 (workshop) and 06-07 Jan 2011 (conference) and welcome reception (05 Jan), and Vietnamese evening (06 Jan).

You are advised to register online on the website. You can also request a registration form and return electronically to ngkloi@hcmuaf.edu.vn or nguyenkimloi@yahoo.com or by fax (+848-38960713).

10, after that date the fee will be \$50 higher).

Payments can be made by:

- By credit card (Visa, MasterCard) when registering online. Write to Cathy Smith at cathy_smith@ncsu.edu.
- By international bank transfer. For bank account information and payment details please contact:
 - o International participants: Cathy Smith
 - o Vietnam: Dr. Nguyen Kim Loi at ngkloi@hcmuaf.edu.vn or nguyenkimloi@yahoo.com

Cancellation policy

In the case of cancellations after registration the following policy on refunds will be used:

- By **15 November 2010** – full refund minus administration fee of US\$50
- After **15 November to 15 December 2010** – 50% of all payments
- After **15 December 2010** – No refund

For more information please contact:

Dr. Nguyen Kim Loi, Conference Co-Chair, Nong Lam University – Ho Chi Minh City – Vietnam (nguyenkimloi@yahoo.com, nguyenkimloi@gmail.com, ngkloi@hcmuaf.edu.vn) or

Dr. Manuel Reyes, Conference Co-Chair, North Carolina A&T State University, USA (reyes@ncat.edu, mannyreyes@nc.rr.com)



March 14-15, 2011

*This meeting is endorsed by WASWC and will strictly follow the Guidelines for Successful Meetings <http://waswc.soil.gd.cn/consti-decentra.html>

BioWise 2011 Summit and Exhibition is a two-day event of paper presentations, keynote speeches, panel discussions and roundtable sessions, to take place in Kuala Lumpur, Malaysia. The overall theme is **“Lab Meets Industry”** with the emphasis on collaborative and cooperative approaches to the multiple issues faced by sustainable fuel industry and response to those issues, both immediate and long-term.

Biofuels and bioethanol industry experts are invited to submit papers (in PDF format). A detailed extended abstract will be considered if it gives a clear reflection of the contents and key points of the coming paper. All paper submissions will be handled electronically and should be emailed to dm@greenworldconferences.com.

The submitted abstracts will be subject to peer review. Papers accepted for oral presentation will be given 20 minutes presentation time and 10 minutes questions and answers time at the end of each session. **Abstract submission deadline and acceptance notification falls on 1st June 2010.** The authors will be required to submit a full paper once the abstract is accepted. Final acceptance of the full paper will be subject to confirmation of **registration payment of the author presenter of the paper at the congress.** Any author who does not meet all announced deadlines and requirements will not be allowed to present the paper at the conference. In this case, the corresponding paper will not be included in the conference proceedings.

The annual **BioWise 2011** is supported by many leading industry and academia representatives and provides ideal settings to attend presentations and workshops by an outstanding line-up of the biofuels and bioethanol industry leading executives. It is renowned for creating unparalleled opportunities for networking with targeted groups of senior-level experts and decision-makers from the biodiesel and bioethanol industry, for collaboration and sharing of information on key business strategies, update on novel, state-of-the art technologies and building of meaningful, trust commercial relationships.

BioWise 2011 continues to enjoy a steady increase in participation by teams from producers, governments, commercial, technology and research/educational communities.

BioWise 2011 is where the most influential professionals involved in the biofuel, bioethanol and biomass market gather to share their views, learn about the latest in the industry and academia, and listen to consequential, in-depth presentations - from policy makers, biodiesel and biomass producers to fuel distributors. The Summit will cover a gamut of topics crucial to the biofuel and biomass industry of today and define the path to the future of the biofuel industry. Over two days the Summit will cover the full research and development story from laboratory experiments through implementation to production, as well as most promising feedstocks. The leading biofuel research and technology companies and service providers will exhibit at the Summit thus promoting their products and acquainting the delegates with the latest technologies and developments. Join us to learn, network and generate sales at ground-breaking annual biofuel and biomass event focused on the development of renewable sources of energy. This high-profile event will connect you with plant builders, financiers, consultants, government officials, chemical engineers, marketers and producers of biodiesel and biomass.

Contact: Derek Michalski, President
Tel: 0044 (0) 20 8997 6060; 0044 (0) 20 8997 6060
Email: dm@greenworldconferences.com, WWW: <http://www.greenworldconferences.com/>

May 9-14, 2011

6th International Congress of the European Society for Soil Conservation *“Innovative Strategies and Policies for Soil Conservation”*

Thessaloniki, GREECE • 9-14 May 2011 • www.essthessalonikicongress.gr

Contact: José Luis Rubio, President of the European Society for Soil Conservation, jose.l.rubio@uv.es
And Theodore Karyotis, Chairman of the Organizing Committee, karyotis@hellasnet.gr

September 26-30, 2011

V WCCA (Fifth World Congress on Conservation Agriculture), Brisbane, Australia. Contact: John Dixon at Dixon@aci.gov.au

October 3-7, 2011

3rd ECHO Asia Agricultural and Community Development Conference, Chiang Mai, Thailand
(Details Coming Soon) Contact Rick Burnette at echoasia@echonet.org

Late 2011 or Early 2012

Fifth International Conference on Vetiver (ICV-5), Chiang Mai, Thailand. Contact narongchc@au.edu, www.vetiver.org

2012

Earth Summit 2012

On 24th December 2009 the UN General Assembly [passed a resolution](#) to agreeing to hold a Rio+20 Earth Summit in 2012. Stakeholder Forum played a key role in organising a number of events and bringing together key stakeholders at crucial points in the run-up to the Resolution, and will continue to play a key role in the preparatory process for Earth Summit 2012. The recent UNEP Global Ministers Environment Forum in Bali adopted a Ministerial resolution which included a number of sections on Rio+20 it can be downloaded from the UNEP web site. Please click [here](#).

As part of these preparations, on **15th May** Stakeholder Forum will host a conference in New York with the UN Non-Governmental Liaison Service (UN-NGLS) on the themes of the Summit, which will be just prior to the first preparatory meeting for Earth Summit 2012 (17th - 19th of May). If you would like to attend or would any further information please contact Hannah Stoddart: hstoddart@stakeholderforum.org directly.

Stakeholder Forum has just launched a new website for Earth Summit 2012 – www.earthsummit2012.org



Syngenta is a leading agribusiness committed to stewardship and sustainable agriculture through innovative research and technology. We develop technologies to drive the environmental, economic and social sustainability of agricultural systems.

Syngenta is committed to supporting the concepts of conservation agriculture and works with partners and stakeholders worldwide on many projects to enhance soil and water quality.

Learn more about Syngenta in www.syngenta.com



INFORMATION ABOUT MEMBERSHIP IN WASWAC & HOW TO SEND MONEY

1. Individual membership: US\$5/yr for developing countries; US\$10 for developed countries and persons working in international organizations worldwide. **INCENTIVE RATE:** Payment of the fee for 4 years at the same time will enable the membership to be valid for 5 years – WE ENCOURAGE YOU TO PAY THIS RATE! **In Thailand, members are asked to pay 700 Thai Baht for a 5-year membership or 2,800 Thai Baht for Life membership.**
2. Life membership: US\$80 for developing countries; US\$160 for developed countries and persons working in international organizations worldwide. **NEW from March 4, 2010: Persons who have already passed their 60th birthday may pay only half of these rates.**
- 3-1. Organization membership (OM): For universities, research and implemental institutions, government agencies, NGOs, societies, associations and international organizations, etc. Persons belonging to an Organization member will receive the same online products and services as the other two above categories: \$100/ yr for an organization with up to 150 persons; \$150/ yr for an organization with up to 300 persons; \$200/ yr for an organization with up to 500 persons; and \$10/ yr for an additional 100 persons or part thereof. Local organizations in developing countries can request to pay at a lower rate.
- 3-2. Organization subscription (OS): is the same as the Organization membership but the organization wants to limit its involvement only as a subscriber.
- 3-3. Organization cooperation (OC): is the same as the Organization membership but the organization wants to limit its involvement only as a cooperator, without paying a fee. Any organization can be a cooperator for 1-2 years before deciding to join as OM or OS if desired.
4. Gift membership: US\$5/ yr worldwide, to be purchased by anyone to give to colleagues, friends, students, etc.

You may ask sombatpanit@yahoo.com about your membership status, i.e. up to what year you have paid. Then you may send your membership fee to either John Laflen or me or any other address in the following list:

a. Dr. John M. Laflen, Treasurer, 5784 hwy 9, Buffalo Center, IA 50424 U.S.A. Phone: +1-641-561-2324. Fax: +1-641-584-2265 Attn: J.M. Laflen. laflen@wctatel.net. He can receive money from US and Canadian members through Personal Check, Money Order, or Bank Draft (payable to WASWAC), and can receive VISA and MasterCard credit cards and Bank Draft (payable to WASWAC) from all over the world. For sending money through a bank, please give the following information to your bank:

- Foreign wires: United Bankers Bank, 1650 West 82nd Street, Bloomington, MN 55431, U.S.A. Routing number 091 001 322; Swift Code UBBKUS41; for benefit of First National Bank of Volga; account number 091 402 552; further credit World Soil #703-488.

- Domestic wires: United Bankers Bank, 1650 West 82nd Street, Bloomington, MN 55431, Routing number 091 001 322; for benefit of First National Bank of Volga; account number 091 402 552; further credit World Soil #703-488.

b. Dr. Samran Sombatpanit, WASWC Immediate Past President, 67/141 Amonphant 9, Soi Sena 1, Bangkok 10230, Thailand. Phone/Fax: +66-25703641, sombatpanit@yahoo.com. He accepts Bank Draft from every country. Mark the draft “payable to Dr. Samran Sombatpanit”. He receives SWIFT through the Bangkok Bank, Bangkhen Branch, 2124 Phaholyothin Road, Jatujak, Bangkok 10900, Thailand. Phone: +66-25614091/ 25791146-8, Fax: +66-25791149. SWIFT CODE: BKKBTHBK, A/C No. 161-0-210864, which you should also indicate “payable to Dr. Samran Sombatpanit”.

- IMPORTANT NOTES: 1. DO NOT write the word ‘WASWAC’ in your remittance document, as it will cause a problem, since this is an alternative account that supplements the official one (a, as above).
2. Do not deduct the bank fee from your side from the amount of money to send.

3. For sending money by wire/bank transfer or check please add US\$8 per transaction to compensate for the charge at the receiving bank in Bangkok. This additional charge is NOT applicable for the payment of membership fee(s) of US\$50 or more.

C. You can also send to Dr. Samran Sombatpanit (use the address as shown in b.) through the **Western Union** worldwide money transfer service. Learn how to send from www.westernunion.com. Their service is quick and the transfer fee has been much reduced from the earlier time. Also as in (b), please do not deduct the money transfer fee from the amount to send but do not have to add US\$8 as shown in (b3) above. Please write to sombatpanit@yahoo.com to show your intention before sending.

OTHER ADDRESSES TO SEND THE MONEY TO WASWC

Argentina: Eduardo Rienzi, Fac. of Agronomy, Univ. of Buenos Aires, Av. San Martin, Buenos Aires. Banco Nacion, suc 0082 Nro 200388227 CBU 01100204-30002003882279. rienzi@mail.agro.uba.ar

Australia: Kristie Watling, Department of Natural Resources and Water, 203 Tor Street, Toowoomba Q 4350, (P.O. Box 318, Toowoomba Q 4350) Phone: +61-(0)7-4688 1092, Facsimile: +61-(0)7 4688 1487 Kristie.Watling@nrw.qld.gov.au, www.nrw.qld.gov.au

Brazil: Antonio Guerra, Avenida Jose Luiz Ferraz, 250, apartamento 1706, CEP. 22.790-587, Rio de Janeiro – RJ BRAZIL. SWIFT: BRASBRRJRJO, Banco do Brasil – conta 652291-2; agencia 3652-8. antoniotguerra@gmail.com

India: Surinder S. Kukal, Department of Soils, Punjab Agricultural University, Ludhiana 141004. sskukal@rediffmail.com

India: Suraj Bhan, Soil Conservation Society of India (SCSI), G-3, Nat. Soc. Block, NASC Complex, Dev Prakash Shastri Marg, New Delhi-110012. bhan_suraj2001@yahoo.com

Indonesia: Syaiful Anwar, WASWC Indonesia Chapter (Masyarakat Konservasi Tanah dan Air Indonesia, MKTI, c/o Ministry of Forestry, Jakarta) with following account details: Bank Mandiri cabang Jakarta Gedung Pusat Kehutanan; Account holders: Trisnu Danisworo, qq Zulfikar Ali; A/C No: 102-00-0437516-5. sanwar@cbn.net.id

Japan: Machito Mihara, WASWC Deputy President, c/o Institute of Environment Rehabilitation and Conservation (ERECON), 2987-1 Onoji Machida-shi, Tokyo 195-0064, Japan. Phone/Fax: +81-42-736-8972, hq-erecon@nifty.com. He can receive all forms of payment from within Japan, and can receive Visa and MasterCard credit cards from all over the world (mark in all forms of payment “payable to ERECON Japan”). Payment is in Japanese yen only; see more details in www.waswc.org.

Kenya: James O. Owino, Dept. of Agric Eng., Egerton University, P.O.B. 536 Njoro. SWIFT: BARCKENXANKE, Bank code: 003, Branch code: 027, Acc. No. 1214170, P.O. Box 66, Nakuru 20100. joowin@yahoo.com

Morocco: Mohamed Sabir, National School of Forest Engineers, BP 511 Salé. sabirenfi@wanadoo.net.ma

Netherlands: WRS Critchley, ABN AMRO Bank, Gelderlandplein, POSTBUS 87091, 1080 JB Amsterdam. Account number 549365478, BIC number = ABNANL2A, IBAN = NL28ABNA0470430559. wrs.critchley@dienst.vu.nl

Serbia: Miodrag Zlatic, WASWAC President, Faculty of Forestry, University of Belgrade, Kneza Visislava 1, Belgrade. Serbia. Phone: +381-11-3553122 (o), +381-11-3583280 (h), +381-63661549 (m). He can receive money from the Balkans Region through the Raiffeisen Banka AD, Beograd, Republic of Serbia, SWIFT code: RZBSRSBG, Customer’s name: Zlatic Miodrag, A/C No. RS35265051000004691675. miodrag.zla@sbb.rs,

South Africa: Richard Fowler, fax 086 672 6872 or e-mail rmfowler@iafrica.com

Spain: Artemi Cerdà, Departament de Geografia, Universitat de València, 46010-Valencia. acerda@uv.es

Thailand: Karika Kunta, Land Development Dept., Chatuchak District, Bangkok 10900, Thailand, Savings A/C No. 256-210171-8 Siam Commercial Bank (Tops Central Lat Phrao Branch) care_045@yahoo.com

United Kingdom: Mike A. Fullen, School of Applied Sciences, University of Wolverhampton, Wolverhampton WV1 1SB, U.K. Phone: +44-1902-322410, Fax: +44-1902-322680, M.Fullen@wlv.ac.uk.

Note: For the convenience of all parties you are advised to sign up as a Life member or to pay for several years (e.g. 4 years and get 5 years) in one time. Contact sombatpanit@yahoo.com if you have any problem.



PLEASE CONSIDER THE ENVIRONMENT BEFORE YOU PRINT THIS HOT NEWS