

WASWAC HOT NEWS 2011 (11) December 25, 2011

Compiled by Editor Samran Sombatpanit & Co-editors Karika Kunta and Tong Yuling

Please send your contributions/ information for next issue(s) of HOT NEWS/ WASWAC Bulletin to  ssombatpanit@yahoo.com, care_045@yahoo.com, tongyl@iwhr.com, sskukal@rediffmail.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

Meetings with light blue highlight are those appearing in this HOT NEWS for the first time.

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



Meet us in 

[Search for 'World Association of Soil and Water Conservation' and 'SWAT (Soil & Water Assessment Tool) Network']

and Search for 'SwatLectures' in 

Contents

Editor's Note 1: Life Under Flood Threat 2;

Editor's Note 2: Few words from me and the new editorship of HOT NEWS 5

Editor's Note 3: Activities of WASWAC are now shown on the YouTube social media 5

Information from ICT 6; Bulletin Board 7; Scholarships 7; Jobs 8; Grant & Awards 8; Let's Vote 8

Expositions 9; New Information Sources 10; Books 11; Tools & Publications 12; Newsletters 13;

Websites 19 Everything about Computer 19; Interesting Quotes 20; Messages from Members 20; For Fun 23; Let's Sing A Song 24; LANDCON Series of Meetings 27; MEETINGS for 2012 29; MEETINGS for 2013++ 40; APPLICATION FORM FOR MEMBERSHIP IN WASWAC 44; WASWAC Publications in Print 46

Information from supporters: Eijkelpamp 19, 25, 30, 44; SonTek 26; Semeato 27; FXBrowne 25, 43; Syngenta 25, 43

Merry Christmas

We need a few places supreme
Hidden away to renew self esteem
Inspiring and shaping spirits to gleam
Tis the season with memoirs past
Enabling us to build dreams that last

Christmas and the New Year will soon arrive
Holding forth promises that continue to thrive
Reminding us all that goodness is alive
In our hearts we hold you and yours dear
Sending you wishes of happiness and cheer
The world needs love both far and near
Making peace and freedom a reality
Along with respect and heartfelt dignity
Such visions are within our ability



Composed by Dick and Helen Arnold, our senior members, to greet all WASWAC members

Dick and Helen Arnold 1145 Glenway St. West Lafayette, IN 47906

ct9311@aol.com



MERRY CHRISTMAS SAMRAN !!!

I thank my Belgian friend Louis Verschueren for the above greeting
– a simple one but of great sentimental value!

Editor's Note 1: LIFE UNDER FLOOD THREAT



When the biggest flood in Thailand before this year happened (1942, at left) I was too young to remember. Our family was even not in Bangkok; we were living at Hua Hin, the seaside resort 231 km S of Bangkok. However, floods of some sizes had occurred in Bangkok in between, e.g. in 1983 and 1995, but



the impact was never as great as the one for this year.

We have survived this flood fairly well, though we had to spend much time and energy packing and carrying a lot of perishable things (mainly books) to upstairs rooms. With that precaution done, we experienced living with flood water in the house for almost two weeks (November 2-12, 2011) before it



receded. It was fortunate that the water was standing on the tile floor of the kitchen-cum-dining room (so the damage was not too much) and was only 2-3 cm below the level that it could enter the



wooden floor of the living room. But the water would not easily enter the living room either, as we had installed a simple flood barrier (top right) that would withstand at least 5-10 cm of water before the 'barrier' would burst. We are proud of this small invention that we did.

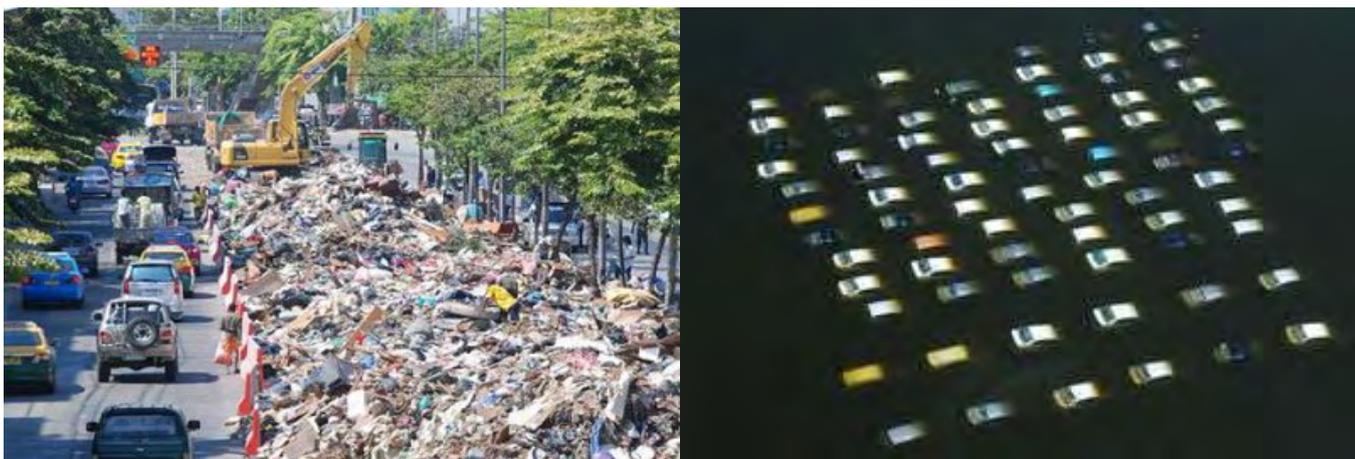


Above: A flood of ~20-30 cm around our house – the scene we had to endure for 2 weeks. Five plants had died.

We can say that, what we had suffered was not much when comparing with other flood victims. It was mainly the scarcity of fresh food and bottled water to buy, difficulty in wading through water to the stores and to do some businesses as public transport was mostly cancelled – the government provided military and police trucks to help those who really needed to go somewhere in the city as a free service. As an example, a colleague of mine had to get out of her village by raft, then continued by bicycle to her office (previous page, middle left). The flood in the part of the city where we live was up to 50-60 cm as the highest, while it was higher elsewhere, almost up to 1 m. Mass media have reported – thus exercising their skill – for almost 24 hours a day throughout this flood (previous page, middle right).



Left: Our dogs were deprived of the place to lie down; *Right:* Normal scene of some Bangkok streets during the flood period.



Left: A lot of garbage to collect and dispose, believably >one million tons for the whole Bangkok; *Right:* A part of 1,400 Honda cars submerged during flooding and will be demolished this week.

But many people, especially those living in the Central Plain provinces such as Ayutthaya and Pathum Thani, have not been lucky like us. Many communities have suffered for over 2 months under flood up to 3 m or higher at some places. In such case, they could not stay in the house but had to evacuate and stay at the government-organized refugees' centers, usually with food provided.

Problems coming with flood during that time and after prolonged submergence are innumerable. In short, those problems associate with consumption, sanitation, vandalization of unsteadily occupied houses, high costs of transportation, skin diseases and abundance of mosquitoes due to the fermented-smelly standing water, and lately with thousands of tons of garbage. Apart from these, the problems caused to farming communities and to industries are of different natures – those in the latter category are of very high costs. For an example, over a thousand of newly assembled Honda cars that got submerged had to be demolished.

Stories that concern this great historic flood abound. There will be several books to narrate this event to come out for sure. As I am not blessed with time, I would like to present a few statistics that the catastrophes prevention authority has issued on Dec 7, 2011:

- Number of provinces still under flood: 11, with 4,224 villages

- Number of people suffering from the flood: 1.66 million households = 4.5 million people
- Number of deaths: 675 persons

For the economic losses, there have been many experts who predicted the economic losses. To me, I think such losses, including the loss of opportunity, would amount to at least 1 trillion Thai Baht (US\$33 billion) +/-, thinking of it conservatively!

To dampen the mind of people who suffer, the government has agreed to compensate with an amount of 5,000 Thai Baht (US\$166) to each family. Many people consider it small, but I think it is still better than none!

I would like to present a number of pictures as follows that show the great flood this time. We sincerely hope it will not return next year or any other year *Good bye to the flood!*



- How the THREAT has become OPPORTUNITY -

During the flood, there were many innovative ideas emerging, resulting in that the products resulting from them have now got protected by copyright from the intellectual property office as follows: 6 items got copyrights, 12 items got mini-copyrights; 12 books and 2 trademarks. Items with full copyright include (1) the water pump that can pump from low level to high level; (2) the wall to protect flooding; (3) the water quality improving machine with pyramidal movement; (4) the ball for persons to escape from tsunami and flooding; (5) the underground dam, and (6) the amphibious house. Those interested may contact the Intellectual Properties Department in Bangkok. These few dozens of innovations should be shared with other countries that are prone to flooding.

- How the OPPORTUNITY had not reduced the THREAT -

Up to now there is one thing that is not yet clear to me. I heard from the news that the libraries of several institutions had got submerged by the flood and hundreds of thousands of books have got damaged. I wonder that when the rain of this year started since June-July and water accumulated in the upper streams several hundred km away from Bangkok, and by that time it was already speculated that a big flood would occur later in the year, and in August, September, and early October, there were constant rain events and the flash flood, landslide, and debris flow occurred on the upper watersheds continuously - it is a mystery that those few months were not utilized to prepare for the worse. I therefore hope that during the next and successive years a better preparation will be done and the information announced by all concerned authorities should be treated with some skepticism. To me, I consider that books and all kinds of publications are the 'heart' of the institutions and whenever there is any catastrophe happen they should be the first to be rescued to a safe place!

Last week I had a chance to talk with the librarian of the Land Development Department and found with relief that the LDD Library did not lose a single book! What's her trick? Simple. Apart from having a number of sand bags piled up as a wall to block the water, she moved the books and other documents from the two lower shelves to the higher ones, then she moved all computers to a safe place, and the most important was that she slept there to guard the library against the flood for 2-3 weeks. For this, I would like to sincerely congratulate the LDD.

Editor's Note 2: Few words from me and the new editorship of HOT NEWS

When I tried my hand on doing HOT NEWS in 2006, at first for the first 6 months of that year and later every 3 months for two times, I found there was a good reception – though our members had NOT been very responsive. In 2007 I did it monthly and could do it almost every month but sometime twice a month to match with the availability of news that members may benefit from. So far we consider that this publication is available up to how much time I have, since it was issued as an addition to the WASWAC Newsletter (now called WASWAC Bulletin since the beginning of 2010), which is our flagship, in order that members may get to know the news about conferences etc. quicker than the 3-month period that the Newsletter would normally come out.

Actually it has proved OK now, as I believe what we publish in this HOT NEWS are being scrutinized by members well and some of them have benefited from it to an astonishing extent. For example, by screening through our big column of 'Meetings', one active Southeast Asian member has a chance to attend conferences both near and far often more than once a year, with all expenses paid by the organizers!!!

As I had mentioned in my 'Major Milestone' early this year when I reached 70, <http://www.facebook.com/#!/media/set/?set=a.142862375789358.37465.100001967905119&type=1>, that I had to lessen my activities so that some young blood will have a good opportunity to do this noble task in serving members, with a result going to the betterment of natural resources. I therefore have something to announce now.

After this issue of HOT NEWS I will compose another one to greet Happy New Year to all members. Starting from the first issue of 2012 onward, our team of young personnel will continue editing HOT NEWS; persons in the team will comprise Dr Karika Kunta (photo at right) of the Land Development Department in Bangkok as the Editor-in-Chief and Ms Tong Yulong (extreme right) of the WASWAC Secretariat at the IRTCES, Beijing; and there will be few more persons to assist them. As a matter of fact, this HOT NEWS is the publication that members benefit the most and the quickest. I may write a short column now and then as necessary. I am leaving you at this point and will meet you soon when the last issue of this year comes out shortly after January 1, 2012.



Editor's Note 3: Activities of WASWAC are now shown on the YouTube social media

To me, I consider the availability of the three social media, **Facebook**, **YouTube** and **Twitter** to be very useful to all of us. The media initiated earlier may be good too, but NOT as widely used as these three. After some time to consider, plus doing trial and error, we decided to use the first two of them, with a rationale that we post messages and photos on Facebook and videos on YouTube. At the same time, we can 'carry' the url of any video (of ourselves or of other owners) from YouTube to post on the page of Facebook so easily – with a result that anyone entering our Facebook will also have a direct access to our videos posted on YouTube without having to exit first and enter again. Up to now we have posted the following videos – many of them are of introductory nature and are thus simple. More serious videos will be posted later. **YOU ARE WELCOME TO VIEW OUR VIDEOS AS FOLLOWS:** (*This morning news mentioned Facebook has now registered 900 million accounts.*)

YOU ARE WELCOME TO VIEW OUR SwatLectures VIDEOS. THE YOUTUBE ACCOUNT IS 'SwatLectures'. WE THANK ALL COMMENTS AS WELL AS YOUR SUBSCRIPTION TO ANY VIDEO - AFTER WHICH YOU WILL BE INFORMED WHEN THERE IS A NEW ENTRY.

SL001 How SWAT Came to Thailand (Thai) (9.37 min)

http://www.youtube.com/watch?v=OFwMAfiv81s&context=C2877cADOEgsToPDskK_VvJYolaWCWyctBVQqeUj

SL002 Introduction to SWAT (Thai) (10.26 min)

http://www.youtube.com/watch?v=b2o6UevYP8&feature=context&context=C2877cADOEgsToPDskK_VvJYolaWCWyctBVQqeUj

SL003 Ambassador City Hotel, Pattaya, Thailand for SWAT SEA III & CA SEA III (1.03 min)

<http://www.youtube.com/watch?v=tjmX7oIWVH4&feature=related>

SL004 In China with a Friend (5.23 min) (non-SWAT)

<http://www.youtube.com/watch?v=Ka135sP6DVM&context=C27605ADOEgsToPDskI4qlyT13pkTjd5efMht7qQ>

SL005 Touring Soil Museums in China (12.01 min) (non-SWAT)

http://www.youtube.com/watch?v=dmoEPZ_AFUA&context=C23b85ADOEgsToPDskJbq-6OORqRPicWMuKLutM5

SL006 SWAT Guangzhou Photoessay I (3.31 min)

<http://www.youtube.com/watch?v=kiwPOkWVfdg&context=C26660ADOEgsToPDskKQ89UKJd4QdmHBpwNStRuF>

SL007 SWAT Guangzhou Photoessay II (4.22 min)

<http://www.youtube.com/watch?v=U4gVTFmRwkM&feature=context&context=C26660ADOEgsToPDskKQ89UKJd4QdmHBpwNStRuF>

OTHER SwatLectures VIDEOS

SL00a-z videos are non-technical but related to SWAT or SWC to some extent, at least to the webmaster.

SL00a Brahms Lullaby Piano by Samran (playing for SWAT users) (1.08 min)

http://www.youtube.com/watch?v=itt1AMp_YRE&context=C3e4ec42ADOEgsToPDskKoRsWhuKgNGBQj5vZP5cyJ

SL00b Leave Her in Guangzhou จากเธอที่กวางเจา (3.46 min)

<http://www.youtube.com/watch?v=9B3-W67scZo&context=C3760542ADOEgsToPDskI4qlyT13pkTjd5efMht7qQ>



ICT International Standing Wave Technology
Soil Moisture Measurement

MP306 MP406

<http://www.ictinternational.com/soils.html#soilmoisture>

Applications:

- Volumetric soil moisture content • Forest and catchment hydrology
- Soil columns and geo-engineering • Landfill cover and mine closures
- Irrigation scheduling

Solutions for soil, plant & environmental monitoring

www.ictinternational.com

Ph: +61 2 6772 6770 sales@ictinternational.com.au

BULLETIN BOARD

THE LAST ANNOUNCEMENT: If you have not sent any digital materials to us for including in our upcoming **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 sort out and make a good 'bookshelf' for them.

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 keeps stocks of other WASWAC Special Publications too.

Both Special Publications of WASWAC (**No-Till Farming Systems & SWAT**) are now available from the **WASWAC Secretariat** located at the International Research and Training Center on Erosion and Sedimentation (IRTCES) in Beijing, to facilitate our Chinese readers. The price for each book including delivery is 75 Chinese yuan. For more information please contact Dr Liu Xiaoying, Our Treasure, at waswacsecretariat@yahoo.com. Members from within China can also send membership fee to him; ask him how.

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 ssombatpanit@yahoo.com.

Special Publication No. 6 (SP6), entitled "**Vegetable Agroforestry Systems**", will be ready soon. This SP6 - comprising four books with total page number of around 1,200 - US\$60/set - showcases the trials of such systems in **Vietnam, Indonesia and Philippines** during last several years. The project has been part of the USAID-funded SANREM project. More details will be available later. WASWAC strives to publish books of SWC technologies that are applicable widely and sells them at low prices to serve people that belong to every economy level. Members are welcome to join as co-publishers for which a special price applies. Contact Samran Sombatpanit at ssombatpanit@yahoo.com and samran_sombatpanit@yahoo.com for more information.

WASWAC Bulletin No. 27(2) for May-Sept 2011 (edited by Dr S.S. Kukal in India) has already been posted on <http://waswac.soil.gd.cn/>. The next one, 27(3), will be ready soon.

SCHOLARSHIP

▲ Post Doctorate Program under my own supervision through the WASWC newsletter. The followings are the main specifications of the program.

- The candidate will be selected through screening and evaluation processes and will be officially announced after completing the evaluation and final prove of the TMU (Tarbiat Modares University).
- The candidate has to be a PhD holder or the one who is going to complete his/her PhD within next few months.
- A detailed proposal for the program focusing on subjects of my interest, i.e. soil erosion and sediment yield modeling and studies is also required.
- The duration is 1 to 2 years. It is a full time program and therefore applicant should not be involved in any other occupations at all.
- A detailed CV indicating the scientific eligibility of the applicant is essential (Two papers published in good journals is a must for application).
- The selected applicant will earn a monthly reasonable salary (some US\$1,100 including everything which almost covers all normal monthly expenditures of a couple).
- The selected applicant will be then asked to settle in my working place i.e. Noor, Mazandaran, Iran.
- The application should be sent directly to me through e-mail (sadeghi@modares.ac.ir).

Best Wishes

Dr. S.H.R. Sadeghi

(Ph.D. in Soil and Water Conservation Engineering)

Professor, Department of Watershed Management Engineering,
College of Natural Resources, Tarbiat Modares University (TMU),
Noor46417-76489, Mazandaran Province, Iran,

Alternative E-mails: shradeghi@yahoo.com, Tel.: +98 122 6253101-3 and Fax: +98 122 6253499

JOBS

▲ There is an announcement for the position of **Project Leader – Conservation Agriculture**.

Details of the project (CIM-2008-027) can be found on the ACIAR website at <http://aciar.gov.au/project/CIM/2008/027>. We request you to please ask the suitable candidates to register at the website: www.icarda.cgiar.org/iea/ and then apply for the above position. It is very simple and will take just a few minutes.

Please write to the Human Resources Department, ICARDA – Aleppo icarda-jobs@CGIAR.ORG

▲ I would appreciate your assistance for the circulation of the vacant position for **AARINENA Executive Secretary**.

Ibrahim Hamdan

Executive Secretary

Association of Agricultural Research Institutions in the Near East & North Africa (AARINENA)

C/O ICARDA West Asia Regional Program

P.O Box 950764, Amman 11195, Jordan.

Tel: +962- 6 -5525750; Fax: +962-6-5525930

I.hamdan@cgiar.org, <http://www.aarinena.org>

Please write to I. Hamden, I.hamdan@cgiar.org, if you are interested.

GRANTS AND AWARDS

▲ [Agricultural Land Conservation Assistance Grant Program](#)

▲ [PA PHMC – Keystone Historic Preservation Project and Construction Grants](#)

▲ [TreeVitalize Metros Grant](#)

▲ [Sustainable Chesapeake: A Community-Based Approach to Stormwater Management Using Green Infrastructure](#)

▲ [Urban Waters Small Grants Program](#)

▲ [DPR Korea honors Centre scientist](#) Dr Jianchu Xu,

leader of the Centre's China and East Asia node, was recently awarded an Honorary Doctorate in forestry science by the Vice Premier of the Democratic People's Republic of Korea. Dr Jianchu and his team have been helping the people of DPR Korea achieve food security through a participatory agroforestry project on degraded sloping lands since 2007.



LET'S VOTE

▲ **Vote Now for Pennsylvania's 2012 River of the Year**

The public is invited to vote for the 2012 Pennsylvania River of the Year. The Pennsylvania Department of Conservation and Natural Resources (PA DCNR) has featured a River of the Year over the last twenty years. The contest raises awareness of the important recreational, ecological, and historical resources of Pennsylvania's rivers and streams. The four choices for 2012 include the Upper Juniata River, the Middle Monongahela River, the Kiskiminetas River, and the Stonycreek River. Visit the site below to read the nomination statements for each river and to cast your vote. Voting will be closed on December 31, 2011. <http://pawatersheds.org/vote/>

EXPOSITIONS

From **THE NATION** By Phoowadon Duangmee



▲ The International Horticultural Exposition returns to Chiang Mai next month and it promises to be an amazing showcase of gardens from around the world

We all know Chiang Mai is the best winter destination, where we chill out in the mild breeze, admire the blue sky and inhale the fragrance of beautiful blooms. This year, it will be even more tempting, as the "Rose of Lanna" is putting on the International Horticultural Exposition: Royal Flora Ratchaphruek 2011 from **December 16-March 14, 2012**.

The International Horticulture returns to Chiang Mai following the initial, successful version in 2006. This three-month-long exposition, with remarkable gardens and landscape showcases from 30 countries, promises to leave its mark on Thailand's agricultural industry.

The theme of Royal Flora Ratchaphruek 2011, according to the organiser, is "Green Attitude". Two million trees are being planted in the Expo. And 300 strange plants add a "wow factor" to the horticultural show. The highlights, of course, are the international gardens - where representatives of 30 countries will show off the unique art of garden decoration.

Sudan's garden, for example, will create true African beauty with giant arabicum socotranum flowers and a safari landscape. Pakistan, with its long history of Mughal Empire, will show off a garden inspired by Islamic philosophy and Mughal history. The Spanish, under national yellow and red tones, will make a small Mediterranean garden for the spectators and weekenders alike.

The Expo is likely to draw the crowds to Chiang Mai to admire African native and desert plants, among them Zebra Grass from South Africa, Spain's Dragon Tree and date palm from Qatar.

"There are 10 exhibitions. You can turn up at any, and enjoy the show," says director of Horticulture Research Institute, Dr Suwit Chaikittiyos.

Besides the world show of garden, the International Horticulture Expo aims to inspire the visitors with its green and eco-friendly innovations such as growing crops on the roof or indoor "hobby farms". Out of the question, someone may think. But as spectators will see in Chiang Mai in November, it's possible to grow tomatoes on a small balcony. Find out all about horticulture innovation and how you can live green.

At the Herbal for Future Pavilion, spectators can also taste, smell and see how nature influences their health, wellbeing and mood. Healing herbs, cooking garden and walking path offers a great opportunity to balance with nature in an Oriental setting.

Visitors can take a trip to "Hor Kham Luang" Pavilion. Elegant and beautiful, the pavilion is the centrepiece of Royal Flora Ratchaphruek 2011. Here you can learn all about His Majesty the King's greatest contributions to Thailand's horticulture, from turning the opium fields in Thailand's North to a healthy farming industry to His

Majesty's new "agriculture theory".

Every day during Chiang Mai's International Horticulture Expo, there will be exciting programmes for young and old alike, with cultural shows, music and light shows. The Giant Flora Wheel and Kid Eco Park are ideal for the family while the "Light Garden" show with colourful lasers will take participants into a world beyond their imagination.

The International Horticulture Expo takes place in Mae Hia on Chiang Mai City's outskirts. The activities keep changing during the Expo. For exhibitions and show times, visit www.RoyalFlora2011.com.

NEW INFORMATION SOURCES

▲ The online package on climate-resilient and environmentally sound agriculture or "climate-smart" agriculture goes live.

Through simplified concepts and relevant resources and examples, we explore the impacts of global change on agriculture, the impacts of agriculture on ecosystems and possible technical and policy considerations that can help building food security under current and future challenges. The information package has six modules, different levels of text and a wealth of resources from all over the world. Although the package was originally designed for government authorities, it can be used as a training base for other audiences who are interested in climate resilient and environmentally sound agricultural production.

The information package contains 6 modules organized in two parts:

Part I - Agriculture, food security and ecosystems: current and future challenges

- Module 1. An introduction to current and future challenges
- Module 2. Climate variability and climate change
- Module 3. Impacts of climate change on agro-ecosystems and food production
- Module 4. Agriculture, environment and health

Part II -Addressing challenges

- Module 5. C-RESAP/climate-smart agriculture: technical considerations and examples of production systems
- Module 6. C-RESAP/climate-smart agriculture: supporting tools and policies

Access the information package at <http://www.cpesap.net/online-c-resap-information-package> or request a CD-ROM by writing to cpesap@caas.ac.cn.

Information from Clemencia Licona Manzur from Mexico

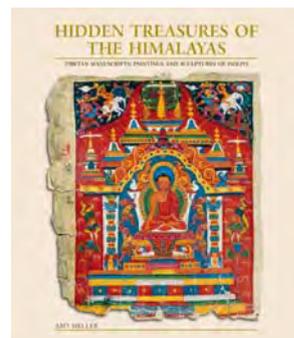
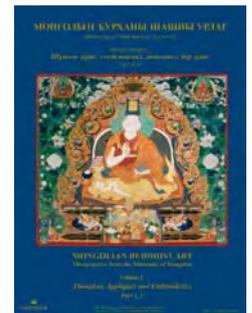
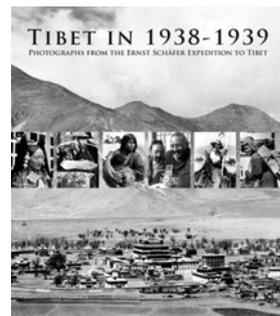
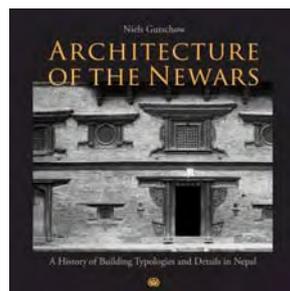
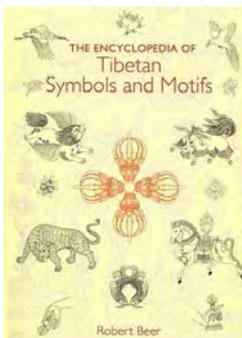
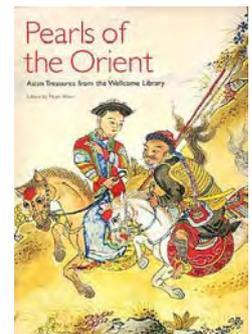
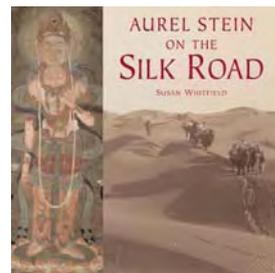
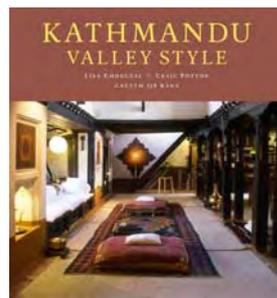
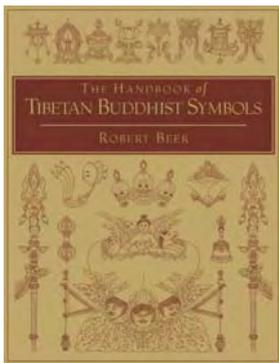
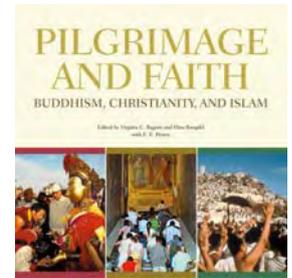
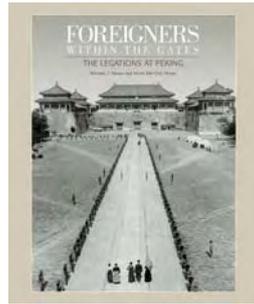
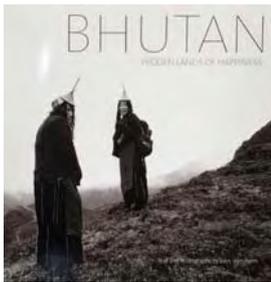
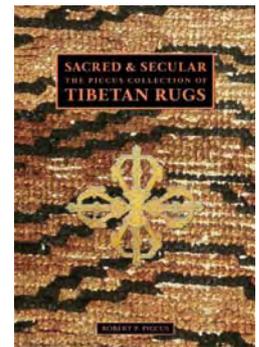
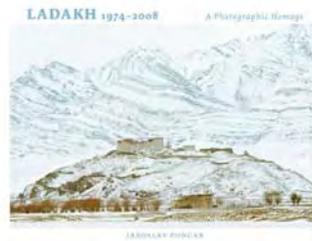
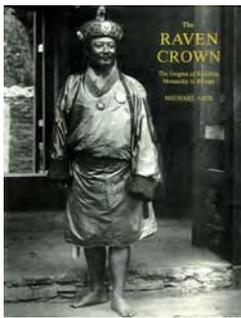
INTERESTING FACTS ABOUT WATER

- To manufacture one car, including tires, 147,972 liters of water are used.
- 13% of municipal piped water is lost in pipeline leaks.
 - The human brain is 75% water.
- Outdoor watering uses 35 liters of water each minute (over 9 gallons).
- One drop of oil can make up to 25 liters of water unfit for drinking.
 - Half of world's wetlands have been lost since 1900.
- Each year, over 89 billion liters of bottled water are sold.

For more interesting water facts, visit aquarius-systems.com

BOOKS

From SERINDIA Gallery www.serindia.com, www.serindiagallery.com



WASWAC members may write to info@serindia.com for more information.

TOOLS AND PUBLICATIONS

▲ **Federal Government Unveils New Comprehensive Geospatial Map of United States**

The Federal Geographic Data Committee created a new map website that contains multiple layers including street maps, aerial photos, topo maps and terrain maps. The user can then create an editable layer to draw features on the map. The map can then be saved or shared. This website provides a quick source to visualize different types of data in one place. There are many base map choices including Bing Road Maps, Bing Aerial Maps, Streets, Topographic, Terrain, and more. The current site is a prototype and will be expanded with the content and resources over the next few months.

To view the new federal geospatial map website, visit <http://www.geoplatform.gov/home/index.html>

From: Environmental News Network, November 14, 2012

http://www.enn.com/top_stories/article/43560

▲ **Penn State Water Resources Website**

The Water Resources website provides a variety of information on water-related issues including water conservation, pond management, and private water systems. This is a go-to site for learning more about water; from how to manage algae in your pond to what to do if you identify pollutants in your drinking water. The site provides information, videos, publications, FAQs, and more. <http://extension.psu.edu/water>

▲ **Practical River Restoration Appraisal Guidance for Monitoring Options (PRAGMO)**

The River Restoration Centre in the UK has published this guidance document to provide monitoring protocols for river and floodplain restoration projects. The guidance was written for a wide range of organizations and abilities. This document will be updated as new information and methods are available. PRAGMO provides a way to compare results and the value for money of different restoration projects. http://www.therrc.co.uk/rrc_pragmo.php

▲ **Conservation Subdivision Handbook: A guide for North Carolina communities in the use of conservation design for land use planning**

The North Carolina Extension has released this new publication to guide communities in conservation Low Impact Development in land use planning. Conservation subdivisions (CSDs) are designed to reserve undivided tracts of land as communal open space. The guide recommends 50 to 70 percent of the buildable land as open space by grouping homes together. <http://www.ces.ncsu.edu/forestry/pdf/ag/ag742.pdf>

▲ **PA DEP – Land Application of Manure: A supplement to Manure Management for Environmental Protection**

The PA DEP has released this Manure Management Plan to guide farmers on how to utilize manure for high-yielding crops while protecting local streams and rivers from pollution. The new guidelines require every farm that produces or uses manure to have a Manure Management Plan. The manual recommends manure application setbacks of 100 feet from streams, maximum winter application rates, and best management practices. The DEP has also provided a workbook to help farmers through the steps of creating a customized plan.

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-86014/361-0300-002%20combined.pdf>

▲ **EPA Launches New Website to Protect Wetlands; Urges Public to Report Any**

Violations of the Law The Environmental Protection Agency (EPA) has released a new website for reporting suspected violations of federal laws that protect wetlands in the EPA Region 2, which includes New Jersey, New York, Puerto Rico and the U.S. Virgin Islands. EPA scientists investigate reported violations to determine if regulatory action is required. Wetlands are protected by the federal Clean Water Act.

To report a violation, visit <http://www.epa.gov/region02/water/wetlands/violations.html>

For more information on wetlands, visit <http://www.epa.gov/region02/water/wetlands/>.

EPA News Release, October 6, 2011 <http://yosemite.epa.gov/opa/admpress.nsf/0/E7F4C6E31C86E0178525792100578C80>

▲ **Conservation Planning and Regulatory Compliance Handbook**

The NRCS has released this handbook to assist the public with understanding Pennsylvania's new regulation changes. It provides a compilation of conservation guidance that provides conservationists with easy access across state and federal regulations and planning and assistance options. It's organized into typical planning and land use topic

areas. <http://www.pa.nrcs.usda.gov/technical/RegulatoryCompliance/RegCompliance.html>

▲ **New Science to Help Direct Action on Excessive Nutrients in Rivers and Estuaries**

The USGS has released an online interactive decision support system with six newly-developed regional models showing how rivers receive and transport nutrients to sensitive waters. Excessive nutrients cause algal blooms that have many negative consequences. The new models and the decision support system will assist states, water managers, and federal agencies target sources and areas to design effective nutrient reduction strategies which will improve water quality. Each region and locality has a unique set of nutrient sources and characteristics to show how those nutrients are transported to streams. Users can evaluate combinations of source reduction scenarios with one or multiple sources of nutrients to evaluate the amount of nutrients transported downstream. The models were developed using the SPARROW (SPATIally Referenced Regressions On Watershed attributes) modeling framework.

USGS News Release, September 6, 2011 <http://www.usgs.gov/newsroom/article.asp?ID=2922>

For more information, visit <http://water.usgs.gov/nawqa/sparrow/mrb/>

▲ **Green Roof Information**

The FEMP (Federal Energy Management Program) Technology Deployment Program provides information to help Federal agencies in identifying and assessing new and underutilized technologies for deployment. They have updated The New and Underutilized Technology: Green Roofs webpage to assist with key deployment considerations for green roofs within the Federal sector. The information covers Benefits, Application, Climate and Regional Considerations, Key Factors for Deployment, Ranking Criteria, and Resources. The webpage provides resources on a variety of green roof topics including cost-effectiveness, heat island effects, residential applications, and energy performance.

To view the webpage, visit http://www1.eere.energy.gov/femp/technologies/eut_green_roofs.html

NEWSLETTERS

▲ **Two wheel tractor newsletter December 2011**

To all of my valued colleagues and two wheel tractor CA enthusiasts,
This is the final newsletter for 2011. Relax and enjoy.

I look forward to comment and discussion.

In the meantime, best wishes for Christmas and a prosperous 2012.

R J. (JEFF) ESDAILE AM B.Sc.Agr

Agricultural Consultant,

22 Meadowbanks Drive,

Tamworth NSW 2340

Australia.

Tel 61-2-6760-8572, Email rjesdaile@bigpond.com

WASWAC MEMBERS MAY WRITE TO JEFF AT rjesdaile@bigpond.com TO SUBSCRIBE.

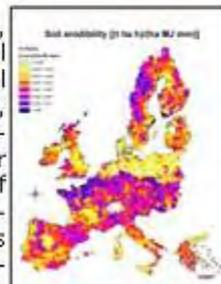
SOIL Action Newsletter - European Soil Portal:

<http://eusoils.jrc.ec.europa.eu>

No 35 (November 2011)

Soil Erodibility in Europe (using LUCAS point survey data)

One key parameter for soil erosion modelling is the soil erodibility, expressed as the K-factor in the commonly used soil erosion model USLE (Universal Soil Loss Equation). The K-factor is related to crucial soil factors triggering erosion (organic matter content, soil texture, soil structure, permeability). We calculated soil erodibility using measured soil data, collected during the 2009 LUCAS (Land Use and Cover Area frame Survey) soil survey campaign across the member states of the European Union. The soil erodibility dataset overcomes the problems of limited data availability for K-factor assessment and presents a high quality resource for modellers who aim at soil erosion estimation on local/regional, national or European scale. **K-factor data are available** on request.



<http://eusoils.jrc.ec.europa.eu/library/themes/erosion/Erodibility/>

7th European Congress on REgional GEOscientific cartography and Information systems (EUREGEO)

From 12th to 15th June, 2012 the 7th European Congress on REgional GEOscientific Cartography and Information Systems (EUREGEO) will be held in Bologna, Italy. It continues the innovative collaboration in the field of Earth Sciences and Information Systems started in 1994 by the European regions of Bavaria, Catalonia and Emilia-Romagna. Once again it will serve as a platform for experts from regional and national geological surveys, universities, research institutes and economists, bridging the gap between scientific research and practical application. Deadline for Abstract Submission: 31/1/2012



http://www.regione.emilia-romagna.it/wcm/geologia_en/Sections/EUREGEO.htm

5th December: World Soil Day

Since its conception by the International Union of Soil Sciences in 2002, the 5th December is internationally recognised as World Soil Day. A day to advocate the importance of soil for human survival and to raise awareness of the threats facing it and the vital nature of sustainable management. We all aim to draw more attention for the natural resource on which all life depends: the **soil!**

Save our soils

SoilTrEC in *NATURE* (Volume: 474, Pages: 151-152 Date: 09 June 2011). The European Commission funds a CZO programme with 10 sites in Europe, the United States and China focused on mitigating soil threats. Four core European sites represent key stages of the soil cycle. Damna Glacier CZO in Switzerland, Fuchsenbigl CZO in Austria, Lysina CZO in the Czech Republic, Koiliaris CZO in Crete-Greece.



Newsletter Spotlight

30 open vacancies in IES (Call for Interest for Grantholders)

- 3 doctoral positions (Cat 20 Grant holders)
 - 26 Post-doctoral positions in all scientific units (Cat 30 Grant holders)
 - 1 Grant holders in Crop modelling for food security monitoring (Cat 40 Grant holders)
- Deadline: 17/1/2012

<http://ies.jrc.ec.europa.eu/Job-opportunities/open-calls/call-for-grantholders.html>

[More Details](#)

Download the Newsletter: [PDF Format](#) or [HTML Format](#).

Questions or Comments? E-mail us at panos.panagos@jrc.ec.europa.eu, marc.vanliedekerke@jrc.ec.europa.eu or call us 0039-0332-785574, 0039-0332-785179

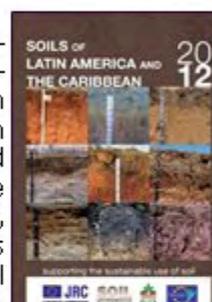
SOIL Action Newsletter - European Soil Portal:

<http://eusoils.jrc.ec.europa.eu>

No 36 (December 2011)

Calendar 2012: Soils of Latin America and Caribbean

This calendar and the related Soil Atlas of Latin America and the Caribbean are initiatives under the EUroCLIMA Programme, which aims to encourage cooperation between Latin America and the European Union on climate change issues. The main partners are the European Commission (Joint Research Centre and Development and Cooperation – EuropeAid Directorates-General), the Food and Agricultural Organization of the United Nations and scientists from soil science institutions from Europe, South America and the Caribbean. The calendar aims to bring the soils of the region to the attention of everyone who deals with this critical non-renewable, natural resource that is vital for food and fibre production, a range of ecosystem services and sustainable development. Spanish and Portuguese versions will follow!



<http://eusoils.jrc.ec.europa.eu/Awareness/calendar2012.html>

"Land and Soil Management Award" 2011/12

Created by: The European Landowner's Organization (ELO) under the auspices of the European Commission (DG Environment & the Joint Research Centre) in association with the University of Natural Resources and Life Sciences (BOKU) of Vienna, Syngenta Internat. and the Centre for Soil and Environmental Sciences of the Ljubljana University

Aim: To encourage new concepts of protection and their implementation and to enhance awareness of the importance of land and soil in connection with good agriculture and environmental conditions.

Eligibility: This prize will reward professionals working in the area of land use and soil management pursuing the EU's soil protection goals, in particular those of the Soil Thematic Strategy.

Deadline: 31/12/2011 !!! Download the [Application Form](#)

http://eusoils.jrc.ec.europa.eu/Utilities/calls/Documents/LandSoil_Award.pdf

Educational Posters

The Major Soil Types of Europe: Supporting the European Union's Thematic Strategy for Soil Protection.

The Major Soil Types of Northern Circumpolar Region: A contribution to the International Polar Year 2007-2009. Find 2 illustrations of High Resolution for raising awareness.



<http://eusoils.jrc.ec.europa.eu/Awareness/SoilTypes.html>

European Soil Bureau Network News

Definition of priority areas for soil protection at a continental scale

The approach described in this ARTICLE has been developed through presentation and discussions within the European Soil Bureau Network. Resources for achieving better soil protection are limited and need to be effectively targeted. Spatial variability is high for soil types and related quality and for the risk of degradation because of the threats of organic matter decline, erosion, compaction and salinization. A framework is presented for mapping priority areas for soil protection based on assessing where there is greater risk of degradation and evaluating its acceptability. A conceptual model is proposed which links anthropogenic hazards, threats and the risk of degradation with soil functions. It is recommended that a set of test areas is defined according to dominant soil types, and the probabilities of changes to soil properties relevant to soil functions are then estimated.

[More Details](#)

Download the Newsletter: [PDF Format](#) or [HTML Format](#).

Questions or Comments? E-mail us at panos.panagos@jrc.ec.europa.eu, marc.vanliedekerke@jrc.ec.europa.eu or call us 0039-0332-785574, 0039-0332-785179

▲ CA CoP Alert No. 18 (8 November 2011)

1. 5th World Congress of Conservation Agriculture incorporating 3rd Farming Systems Design Conference, 26-29th September 2011 Brisbane Australia.

The 5th WCCA papers, workshop reports and PowerPoint presentations are now available online at: aci.gov.au/WCCApapers The 5th WCCA website is online at: <http://www.wcca2011.org/>

2. The two wheel tractor ARC Gongli zero tillage seed drill.

Small holder farmers world-wide who use two wheel tractors as their primary traction unit have until now been unable to locate or purchase a simple and affordable seed drill suitable for conservation agriculture and also traditional farming systems.

After some years of research and development a prototype of a new zero tillage seed drill was demonstrated at WCCA5 in Australia. The ARC Gongli zero tillage seed drill to suit two wheel tractor is the result of collaborative effort by ACIAR (Australian Centre for International Agricultural Research), BARI (Bangladesh Agricultural Research Institute), CIMMYT Bangladesh, Rogro Farm machinery of Australia, Murdoch University of Western Australia, China Agricultural University of Beijing, PR China, and R. Jeff Esdaile, an Australian Agricultural Consultant.

This seed drill is now being commercially produced by Shandong Yuncheng Gongli Farm Machinery Co. of PR China, and is available for under \$US500 each ex-factory Shandong province PR China. These seed drills fit both Chinese made (Dong Feng, Sifang) two wheel tractors as well as Thai made (Siam Kubota) units.

[The seed drill is described in the attached brochure.](#) It has already been extensively tested in Bangladesh and Cambodia. Contact details are on the last page of the brochure. However if you have difficulty contacting the Chinese manufacturer (there are no English speakers on staff there yet) please contact the co-ordinator of the project,

R J. (JEFF) ESDAILE AM B.Sc.Agr
Agricultural Consultant
22 Meadowbanks Drive
Tamworth NSW 2340
Australia
Tel: +61-2-6760-8572
Email rjesdaile@bigpond.com

3. Hand operated Li Seeder for direct no-till seeding.

[Li Seeder](#) is a hand operated direct seeder designed by Conservation Tillage Research Centre, College of Engineering, China Agricultural University, Beijing and Yunfan Machinery Manufacturing Co., LTD, Qingyuan County, Liaoning Province, China. It sows seeds (of cereals, legumes etc) and applies fertilizer simultaneously; it is easy to operate, and the process of sowing is visible and the quantity of sowing done is monitored.

4. Australia: Draft regulation on emissions registry for carbon scheme released.

Australia is moving with the momentum of the recent yes vote for the Labour government's carbon legislation in parliament. The nation also saw the release of draft guidelines (<http://www.climate-connect.co.uk/Home/?q=node/1422>) for a registry that would track the country's domestically generated Australian Carbon Credit Units (ACCUs), along with other credits - including those generated under the Carbon Farming Initiative. Australia's voluntary market, coordinated by Low Carbon Australia, also released an updated, revamped version of its Carbon Offset Guide.

5. For Spanish Speakers (English translation planned): Manejo Forestal y Agricultura de Conservación Experiencias de pequeños productores en la Región Oriental de Paraguay Proyecto Manejo Sostenible de Recursos Naturales MAG – GIZ – KfW Enero 2011.

Documento elaborado en el marco del Proyecto Manejo Sostenible de Recursos Naturales (PMRN) del Ministerio de Agricultura y Ganadería (MAG) con el apoyo de la Cooperación Técnica y Financiera de Alemania (GIZ, KfW): Manejo Forestal y Agricultura de Conservación, Experiencias de pequeños productores de la Región Oriental de Paraguay. Autores: Paul Borsy, Rafael Gadea, Esteban Vera Sosa, Técnicos y Coordinadores del Proyecto. Enero 2011

6. Tailoring conservation agriculture technologies to West Africa semi-arid zones: Building on traditional local practices for soil restoration by Rabah Lahmar, Babou André Bationo, Nomaou Dan Lamso, Yadji Guéro, Pablo Tittonell. *Field Crops Research*, 2011. doi:10.1016/j.fcr.2011.09.013

7. Enhancing Crop Productivity via Weed Suppression in Organic No-Till Cropping Systems in Santa Catarina, Brazil by Miguel A. Altieri, Marcos A. Lana, Henrique V. Bittencourt, André S. Kieling, Jucinei J. Comin, Paulo E. Lovato. *Journal of Sustainable Agriculture*, 35:1–15, 2011. DOI: 10.1080/10440046.2011.588998

8. Conservation agriculture with trees in the West African Sahel – a review by Jules Bayala, Antoine Kalinganire, Zac Tchoundjeu, Fergus Sinclair, Dennis Garrity. World Agroforestry Centre Occasional Paper 14, 2011.

9. Earthworms promote the reduction of Fusarium biomass and deoxynivalenol content in wheat straw under field conditions by Friederike Wolfarth, Stefan Schrader, Elisabeth Oldenburg, Joachim Weinert, Joachim Brunotte. *Soil Biology & Biochemistry* 43:1858-1865, 2011.

10. Conservation Agriculture Programmes in Malawi: Impacts and Lessons by H. R. Mloza-Banda and S. J. Nanthambwe. National Conservation Agriculture Task Force Secretariat, Land Resources Conservation Department, P.O. Box 30291, Lilongwe 3, Malawi, 2010.

11. Comparative performance of conservation agriculture and current smallholder farming practices in semi-arid Zimbabwe by Frédéric Baudron,, Pablo Tittonell, Marc Corbeels, Philippe Letourmy, Ken E. Giller. *Field Crops Research*, 2011. doi:10.1016/j.fcr.2011.09.008

12. The effect of tillage, crop rotation and residue management on maize and wheat growth and development evaluated with an optical sensor. Verhulst, N., Govaerts, B., Nelissen, V., Sayre, K.D., Crossa, J., Raes, D., Deckers, J. *Field Crops Research* 120(1):58-67, 2011. doi:10.1016/j.fcr.2010.08.012

13. The use of the marasha ard plough for conservation agriculture in Northern Ethiopia. Nyssen, J., Govaerts, B., Tesfay Araya, Cornelis, W.M., Bauer, H., Mitiku Haile, Sayre, K., Deckers, J. *Agronomy for Sustainable Development* 31:287-297, 2011. <http://dx.doi.org/10.1051/agro/2010014>

14. Effects of conservation agriculture on runoff, soil loss and crop yield under rain fed conditions in Tigray, Northern Ethiopia. Tesfay Araya, Cornelis, W.M., Nyssen, J., Govaerts, B., Bauer, H., Tewodros Gebregziabher, Tigist Oicha, Raes, D., Sayre, K.D., Mitiku Haile, Deckers, J. *Soil use and management* 27(3):404-414, 2011. <http://onlinelibrary.wiley.com/doi/10.1111/j.1475-2743.2011.00347.x/full>

15. **Wheat yield and tillage-straw management system year interaction explained by climatic co-variables for an irrigated bed planting system in northwestern Mexico.** Verhulst, N., Sayre, K.D., Vargas, M., Crossa, J., Deckers, J., Raes, D. Govaerts, B. *Field Crops Research* 124(3):347-356, 2011. [doi:10.1016/j.fcr.2011.07.002](https://doi.org/10.1016/j.fcr.2011.07.002)

16. **Long-term C-CO₂ emissions and carbon crop residue mineralization in an oxisol under different tillage and crop rotation systems** by Ben-Hur Costa de Campos, Telmo Jorge Carneiro Amado, Carlos Gustavo Tornquist, Rodrigo da Silveira Nicoloso, Jackson Ernani Fiorin. *R. Bras. Ci. Solo*, 35:819-832, 2011.

17. **Carbon stock and its compartments in a subtropical oxisol under long-term tillage and crop rotation systems** by Ben-Hur Costa de Campos, Telmo Jorge Carneiro Amado, Cimélio Bayer, Rodrigo da Silveira Nicoloso, Jackson Ernani Fiorin. *R. Bras. Ci. Solo*, 35:805-817, 2011.

18. **Up-dating CA Data Base in AquaStat, FAO.**

The CA land area data base has now been updated based on the feedback received from our regular sources of information and will be posted in AquaStat (<http://www.fao.org/ag/ca/6c.html>). However, updating of the data base is an ongoing process, and anyone who would like to provide information on the land area under CA systems at the national level is most welcome to do anytime. Ideally, we would appreciate receiving the CA area information at the sub-national level, together with any relevant historical information on adoption, cropping pattern, farm size, agro-ecology, constraints, etc.

For the recording of area under CA, please adhere to the quantification of the CA definition on the FAO-CA website: <http://www.fao.org/ag/ca/6c.html>

1. **Minimum Soil Disturbance:** Minimum soil disturbance refers to low disturbance no-tillage and direct seeding. The disturbed area must be less than 15 cm wide or less than 25% of the cropped area (whichever is lower). There should be no periodic tillage that disturbs a greater area than the aforementioned limits. Strip tillage is allowed if the disturbed area is less than the set limits.

2. **Organic soil cover:** Three categories are distinguished: 30-60%, >60-90% and >90% ground cover, measured immediately after the direct seeding operation. Area with less than 30% cover is not considered as CA.

3. **Crop rotation/association:** Rotations/associations should involve at least 3 different crops. However, repetitive wheat or maize cropping is not an exclusion factor for the purpose of this data collection, but rotation/association is recorded where practiced.

We would further like to stress that the database counts actual land area under annual crops with CA (permanent no-till). Area under perennial crops will be recorded separately. No-till area by crop will not be recorded to avoid double recording of the same land area.

Amir Kassam

Moderator, CA-CoP-Listserv

Plant Production and Protection Division

Food and Agriculture Organization of the United Nations

Viale delle Terme di Caracalla, 00153 Rome, Italy, Tel: +39-06-5705-6375

e-mail: amirkassam786@gmail.com, URL: www.fao.org/ag/ca

Rubble or stones? No problem with Percussion drilling!

With the percussion drilling equipment of Eijkelkamp Agrisearch Equipment, soil sampling can be carried out into hard soil, whether or not there are top layers of rubble or stones. The percussion drilling equipment is mobile and can overcome diverse problems which cannot be attempted by hand-operated drilling equipment.

[Read all about it in the Percussion Drilling leaflet](#) or visit www.eijkelkamp.com for more information

(<http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/AP-P12101e-A4 Percussion drilling equipment.pdf>)



WEBSITES (Mixed subjects – but interesting/enjoyable)

▲ **Life of flowers** <http://player.vimeo.com/video/27920977?title=0&;byline=0&;portrait=0href=>

▲ A lot of photographs in various themes from our Israeli colleague Joseph Kramer www.kramery.com

▲ **What a Wonderful World**

http://www.youtube.com/watch?v=auSo1MyWf8g&feature=player_embedded

▲ **Living Bridge:** Quite a unique concept for folks who have little "formal" education, but seemingly have sufficient common sense to survive. http://www.snotr.com/video/7331/The_Living_Bridge

▲ **Palace of the French President** (in 9 parts): **AU CŒUR DE L'ELYSÉE**

La place est bonne – en nous l'expliquant bien nous ne mourrons pas idiot – nous savons maintenant où passent nos impost. Bonne visite à tous - <http://www.elysee.fr/visite/#/coulisses/huissier>

▲ **Bangkok Thailand Flooding 2011: amazing pictures of this tragedy**

<http://www.youtube.com/watch?v=2atUQysF4dQ&feature=related>

▲ **What a Wonderful World** – David Attenborough <http://www.youtube.com/embed/auSo1MyWf8g>

▲ <http://helljumper.com/>

EVERYTHING ABOUT COMPUTER – hardware-software

▲ **VLC software to open most videos:** You can download it here: <http://www.videolan.org/vlc/>
I normally use it to open my YouTube files. – Samran

▲ **To edit video** <http://www.youtube.com/editor?feature=mhsn>

▲ **File Converter:** You may click the following url to download the software necessary to convert stuff from MS Office 2007 to be readable by your MS Office 2003. Very useful!

<http://www.microsoft.com/downloads/en/details.aspx?FamilyID=941b3470-3ae9-4aee-8f43-displaylang=en&c6bb74cd1466>

INTERESTING QUOTES

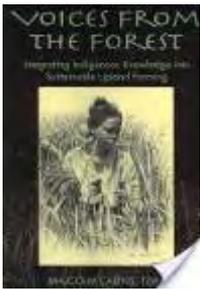
▲ Mohandas Karamchand GANDHI - 1869-1948

'The world has enough for everyone's need, but not for everyone's greed!'

http://en.wikipedia.org/wiki/Mohandas_Karamchand_Gandhi

MESSAGES FROM MEMBERS

▲ I got a message from Dr Malcolm Cairns, editor of *Voices from the Forest*, saying as follows:



In June 1997, the scientific community took a large stride towards understanding the ingenuity with which indigenous farmers pursue the much maligned practice of shifting cultivation.

The World Agroforestry Centre (ICRAF) hosted a workshop on 'Indigenous Strategies towards Intensification of Shifting Cultivation' in Bogor, Indonesia, and these meetings gave birth to a landmark volume entitled "*Voices from the Forest: Integrating Indigenous Knowledge into Sustainable Upland Farming*" (RFF Press, 2007).

The book has become one of the most important contributions to the scientific literature about swidden practices in decades, with some reviewers hailing it as "revolutionary". For the first time, the ingenuity of upland farmers was recognised, and it became clear that farmers themselves could be the source of solutions to many of Southeast Asia's upland problems.

It is now 14 years since the Bogor meetings, and a whole new generation of research has been completed, so the same team of dedicated professionals that produced "*Voices from the Forest*" has now reassembled to produce a sequel volume, tentatively titled, "*A Growing Forest of Voices*", to be published by Earthscan, in the UK.

The clear intention is that this sequel will continue to reveal indigenous strategies for improving fallow management in the shifting cultivation cycle, as windows shedding light on an alternative agricultural paradigm. Since the 1997 workshop, climate change and biodiversity loss have grown as global problems and so part of this new volume will specifically address the interaction of shifting cultivation (and fallow management in particular) with these two environmental threats.

There are claims that shifting cultivation is of declining importance to many upland communities, and that farmers are now focused primarily on income-generating activities that generate cash to send their children to school or pay for higher standards of living. This new volume will stress the continuing relevance of shifting cultivation and explain why fallow management, in particular, should be of continuing interest

This project will have vital relevance to many millions of mountain dwellers in the Asia-Pacific region whose main source of food is shifting cultivation. They are among the poorest people in the region; many of them belonging to minority groups that are already on the political and economic margins of society. For many years, these people have been maligned as "primitive", "resistant to change", and a leading cause of tropical deforestation. This book, like the one before it, will challenge this prejudiced attitude by presenting scientific evidence of ingenious innovation among shifting cultivators to intensify their agricultural systems to feed more people. In many cases, this innovation preserves biodiversity, adjusts practices to accommodate climate change and maintains generations of meticulous forest management.

The Editor of the new volume is environmental anthropologist Dr Malcolm Cairns. He would like to hear from readers who have been researching upland communities and their agricultural systems and believe they have a case study to add to his many examples of indigenous innovation in fallow management. He may be contacted at mfcairns@gmail.com.

▲ **En cette fin 2011, encore beaucoup de défis à assumer ! /**

FROM: terre.verte.news@eauterreverdure.org

TO: samran_sombatpanit@yahoo.com

Sunday, December 25, 2011 7:07 AM

See English version below

TERRE VERTE

www.eauterreverdure.org

Chers Amis,

Une année particulièrement difficile s'achève pour le Sahel ; annonçant une année 2012 pleine de défis à relever. En attendant le bilan complet de cette année, à travers nos rapports annuels qui paraîtront début 2012, nous vous donnons déjà dans le tableau ci-dessous les premiers éléments de nos bilans agro-pluviométriques pour la culture du sorgho dans nos 3 fermes pilote :

fermes	Pluviométrie 2011 (millimètres)	Rendements en culture traditionnelle (Kg/hectare)	Rendements des champs de zaï (Kg/hectare)	Rendements de nos champs d'essai (Kg/hectare)
Guiè	714	595	1.327	2.667
Goèma	508	250	632	816
Filly	422	63	95	147

Comme annoncé en octobre, nous allons réagir à cette menace de famine en lançant des travaux à haute intensité de main d'œuvre (HIMO), afin de permettre aux populations de gagner l'argent nécessaire pour s'acheter des céréales, tout en travaillant pour améliorer leur environnement (pistes rurales boisées, bullis, aménagements bocagers).

Si vous souhaitez nous soutenir (chèque, virement, CB, PayPal), nous vous en remercions le lien : www.eauterreverdure.org/nous-aider

Avec nos meilleurs souhaits pour vos fêtes de fin d'année.

Henri GIRARD
Président de TERRE VERTE
Coordonnateur TERRE VERTE Burkina Faso
Directeur de la Ferme pilote de Guiè

Dear Friends,

It's a particularly difficult year that is ending for the Sahel area, prefiguring a year 2012 full of challenges. Our annual reports are due early 2012. Meanwhile, you'll find in the table below the 1st published

results from our agro-pluviometric reports. They relate to the culture of sorghum in each of our three pilot farms (Guiè, Goèma and Filly).

farms	Rainfall 2011 (mm)	Yields Traditional agricultural methods (Kg / ha)	Yields Using the Zai method (Kg / ha)	Performance of our test fields (Kg / ha)
Guiè	714	595	1,327	2,667
Goèma	508	250	632	816
Filly	422	60	90	147

As announced in October, we will respond to this threat of famine situation by launching labor-intensive projects, thus allowing villagers to earn money to buy grain, while working to improve their environment (wooded trails, ponds, groves).

We would appreciate any support. If you wish to donate to contribute to our effort (check, bank transfer, PayPal), please visit our site's donation page: www.eauterverdure.org/nous-aider

With best wishes for the holiday season.

Henri Girard
 President of TERRE VERTE (GREEN EARTH)
 Coordinator TERRE VERTE Burkina Faso
 Director of Guiè's pilot farm

▲ A Forgotten Concept – Abbas Farshad, ITC (ret.), Enschede, The Netherlands

I remember the days I was teaching desertification as a refresher course in a three-week module, in a 'less developing' country (LDC), participants were asked to prepare a "problem tree", that is to identify the major problems and their main causal relationships in a given area (the study area)¹. In an exercise where many stakeholders participated problems were named and recorded on cards—one problem per card. The cards were then arranged according to "causes" and "effects", joined by a core problem. Obviously, it is not my intention here to get into the details of the technique, but to remind myself and many others with me that to do any research on any socio-economic- and/or environment-oriented topic, such as poverty, food security (insecurity), desertification, etc. one must analyze the problem to find the cause(s), which should form the core of the research.

Here, it would probably be appropriate to mention one point of detail from the technique, namely that the "problem tree" is followed by an "objective tree", that is to convert the problems into specific objectives, through rewording. These objectives would provide what direction the research should take. The fact is that often the problems are so complex that cannot be tackled by a single research. In some cases, the problem may be politics-based, which fall outside the scope of the environmental sciences. The reason why I start with the above introduction is that I see cases where researchers (at MSc and PhD levels) want to use a given computer software when dealing with such issues as climate change, food security, desertification or anything else alike. I then ask myself why not say it directly in the title, in a phrase like 'application of so and so to this or that'. One easily sees that people are often intensively

¹ ZOPP in Brief, ZOPP Flipcharts, An Introduction to the Method. 1987-88. GTZ: Deutsche Gesellschaft für Technische Zusammenarbeit, Frankfurt (<http://web.mit.edu/urbanupgrading/upgrading/issues-tools/tools/problem-tree.html>).

struggling with computer to extract a 'logically' looking output, without having had spent time in field to understand the 'causes' and 'effects'. One sees researchers doing soil erosion or land slide without having understood the geopedological setting (geomorphology and soils) of the area under the study. It is obvious that 'change of land use' can easily be considered as the 'cause' of land slide in a hilly landscape with Alfisols or Ultisols, where an obvious 'abrupt textural change' is marked in the soils profile. Change of land use may also be the 'cause' of gully formation in an area where pedimentation process is active.

Obviously, it is wrong not to pay attention to these important facts, saying that these are old fashioned versus 'modeling', 'decision support system (DSS)', etc. To avoid any confusion, I would immediately add here that the problem is not in the techniques of modeling or in the DSS, but in the way these techniques are used. The question which bothers me is that how one can model in landslide or in soil erosion without taking into account the geopedological setting – the causal relationships-- of the area under the study?

FOR FUN

▲ One day my mother was out and my dad was in charge of me.

I was maybe 2 1/2 years old and had just recovered from an accident.

Someone had given me a little 'tea set' as a get-well gift and it was one of my favorite toys.

Daddy was in the living room engrossed in the evening news when I brought Daddy a little cup of 'tea', which was just water.

After several cups of tea and lots of praise for such yummy tea, my Mom came home.

My Dad made her wait in the living room to watch me bring him a cup of tea, because it was 'just the cutest thing!'

My Mom waited, and sure enough, here I come down the hall with a cup of tea for Daddy and she watches him drink it up.

Then she says, 'Did it ever occur to you that the only place that baby can reach to get water is from the ... toilet?'



▲ What my friend Louis Verschueren in Belgium told me:

Your exact location: I thought that Google Earth was good, but this is even more precise. Check this out, pretty scary to know they can find you anywhere!

I'm not surprised to learn that such technology exists. It uses your IP address and finds the exact location of any Internet user in seconds. It uses a sophisticated time based algorithm to do so. Try it and find your PRECISE location on the earth, then watch your screen as the system briefly analyzes your data ... then displays your PRECISE location. Your location will pop up in a new window in about 10 sec or so.

Click on the link ... <http://www.darnay.com/iec/features/locator/index.html>

Ha-ha-ha

LET'S SING A SONG

Moon River

"**Moon River**" is a song composed by [Johnny Mercer](#) (lyrics) and [Henry Mancini](#) (music) in 1961, for whom it won that year's [Academy Award for Best Original Song](#).^[1] It was originally sung in the [movie *Breakfast at Tiffany's*](#) by [Audrey Hepburn](#),^[1] although it has been covered by many other artists. The song also won the 1962 [Grammy Award for Record of the Year](#).^[2]

It became the theme song for [Andy Williams](#), who first recorded it in 1961 and performed it at the [Academy Awards](#) ceremonies in 1962. He sang the first eight bars at the beginning of [his television show](#) and also named his production company and venue in [Branson, Missouri](#) after it. Williams' version was disliked by Cadence Records president [Archie Bleyer](#), who believed it had little or no appeal to teenagers.^[citation needed] Andy Williams' version never charted, except as an LP track, which he recorded for Columbia in a hit album of 1962.

The success of the song was responsible for re-launching Mercer's career as a songwriter, which had stalled in the mid-1950s because [rock and roll](#) replaced [jazz standards](#) as the [popular music](#) of the time. An inlet near [Savannah, Georgia](#), Johnny Mercer's hometown, was named Moon River in honor of him and this song. The popularity of the song is such that it has been used as a test sample in a study on people's memories of popular songs.^[3] *From Wikipedia*, http://en.wikipedia.org/wiki/Moon_River

http://www.youtube.com/watch?v=lea_XMtWcho Pat Boone

http://www.youtube.com/watch?v=lea_XMtWcho Perry Como

<http://www.youtube.com/watch?v=lnCLCFfBklk&feature=related> Patti Page

<http://www.youtube.com/watch?v=RGi5EKPjIvw&feature=related> Elton John

http://www.youtube.com/watch?v=L_jgIezosVA&feature=related Andy Williams

http://www.youtube.com/watch?v=l_INqlsKhAA&feature=related Piano music

<http://www.youtube.com/watch?v=VeEvWftlBeE&feature=related> Piano by Richard Clayderman

<http://www.youtube.com/watch?v=EqG78-mIkrY&feature=related> Katie Melua

<http://www.youtube.com/watch?v=BMPC6C1e-EQ&feature=related> Audrey Hepburn

<http://www.youtube.com/watch?v=C-zFa4Ckb8Q&feature=related> Sarah Brightman



Lyrics

Moon River, wider than a mile,
I'm crossing you in style some day.
Oh, dream maker, you heart breaker,
wherever you're going I'm going your way.
Two drifters off to see the world.
There's such a lot of world to see.
We're after the same rainbow's end
waiting 'round the bend,
my huckleberry friend,
Moon River and me.

If you want to advance in your career

Make English
Part Of Your Life

New Eijkelkamp “Water Management Catalogue”

Eijkelkamp Agrisearch Equipment BV from the Netherlands, recently published a new catalogue on Research Equipment for Water Management Studies. It contains an important selection of water related Eijkelkamp equipment. Go to www.eijkelkamp.com for more information.

[Download the Eijkelkamp Water Management Catalogue here](http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/P055e%20Water%20Management%20Catalogue.pdf)



(<http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/P055e%20Water%20Management%20Catalogue.pdf>)



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



*Low Impact Development
Stormwater Management
BMP Design
Infiltration Testing
Wastewater Management
Wetlands
Water Quality*



F. X. Browne, Inc.

Contact: Barbara A. Baier, Office Manager/Executive Assistant, F. X. Browne, Inc., 1101 South Broad Street, Lansdale, PA 19446, Phone: 215-362-3878; Fax: 215-362-2016 bbaier@fxbrowne.com, www.fxbrowne.com
Celebrating 30 years of Excellence and Innovation in Environmental Design, Planning, and Engineering.
SUBSCRIBE to our free monthly newsletter: “Sustainable Environments” at www.fxbrowne.com/subscribe



Headquarters of the F. X. Browne Inc. in Philadelphia, U.S.A.

[SOUND PRINCIPLE NO. 11]

Even grown-ups
play with cool new toys.



RiverSurveyor



and the new RiverSurveyor could well be
your favorite new toy too.

- ◆ Continuous shallow-to-deep discharge measurements
- ◆ Ideal for extreme flood or drought conditions
- ◆ Instant data from your mobile device
- ◆ Use in canals, streams and rivers
- ◆ Small, portable and easy to use

Complete 3-D velocity
profiling, bathymetric
measurement and
discharge calculation as
you transect the channel



FREE Technical notes, web-based training and product information at www.sontek.com

Questions? E-mail: inquiry@sontek.com or call +1.858.546.8327

See the RiverSurveyor-S5 in action! youtube.com/SonTekYSI

Sound Principles. Good Advice.



YSI incorporated

GOOD NEWS San Diego, CA, June 20, 2010: The American Recovery and Reinvestment Act of 2009 earmarked \$14.6 million to the U.S. Geological Survey for upgrades to its 7,500-station national streamgage network, and in direct response, has purchased \$3.4 million dollars worth of hi-technology electro-acoustic instruments from San Diego-based SonTek/YSI. **With sincere congratulations from WASWAC. – Editor**

SEMEATO

SEMEATO's 45 years of experience, added to the vast knowledge in agriculture practices and constant research for innovation and new technologies continuing to be the major innovator of new concepts in the Agricultural Machinery Industry, spreading No-Till practices.

With a large range of equipment in the segment for various operations, farm sizes, soils and crops, SEMEATO is able to fulfill the requirements of the market and of the more demanding clients with products such as:

- 🚧 Grain Drills
- 🚧 Planters
- 🚧 Air Drills
- 🚧 Multiple Seeders
- 🚧 Haymaking line and other related implements



No Tilling around the world

SEMEATO

Built to perform

Built to last longer



Conference organizers may ask for a 'LANDCON Cooperation Package' from WASWAC, where among several benefits you may ask WASWAC to endorse your event, register it in the global LANDCON series of meetings as well as to offer participants free Guest membership in WASWAC for one year. This is our service to society. Ask for the Cooperation Package file from samran_sombatpanit@yahoo.com or click <http://waswac.soil.gd.cn/consti-decentra.html> & <http://waswac.soil.gd.cn/package.html>.

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. wmcnf6@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 WASWAC 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 , http://iguguwahati2010.org	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
1107a	2 nd Conference on Conservation Agriculture in Southeast Asia, Contact Manuel Reyes at mannyreyes@nc.rr.com	Phnom Penh, Cambodia	July 4-7, 2011
1107b	SWAT Regional Conference and Training Workshop, Contact Li Dingqiang lidingqiang@yahoo.com ; Samran Sombatpanit samran_sombatpanit@yahoo.com	Guangzhou, China	July 24-30, 2011
1112	1 st International Symposium on Cashew Nut, Contact: Dr Ravindran, ravi_hort@yahoo.com , http://www.ishs.org/calendar/	Madurai, Tamil Nadu, India	December 9-12, 2011
1209	A conference organized by Prof Miodrag Zlatic in Belgrade, Serbia	Belgrade, Serbia	September 2012
1305	2 nd WASWAC World Conference and Council Meeting, Contact Chinnapat Sukvibool at sukvibool@hotmail.com	Pattaya, Thailand	May 14-18, 2013

*See details in this issue of HOT NEWS. Organizers of these conferences have pledged to follow the Guidelines for Successful Meetings (<http://waswac.soil.gd.cn/consti-decentra.html>) that WASWAC 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 WASWAC at no cost. To register, write to Samran Sombatpanit at sombatpanit@yahoo.com.

Results from these LANDCON meetings will be posted on the website operated by our Secretariat in Beijing www.irtces.org.

IMPORTANT

We can publicize your stuff in Word. If you send to us in pdf, we can put only a few words in our WASWAC Bulletin or HOT NEWS. [NOTE: You may also like to send to publish in the EARTHSCAN E-alert (contact dan.harding@earthscan.co.uk) and IUSS Alert (contact Alfred.Hartemink@wur.nl)]

If you want to advance in your career

Make English
Part Of Your Life

MEETINGS 2012++

January 24-26, 2012

2012 ECHO Asia/Partners Thailand Tropical Agriculture Workshop, January 24-26, 2012, 7:45 AM - 5:00 PM

The [ECHO Asia Impact Center](#) and [Partners Thailand](#) will co-host a three-day workshop to be held at the Partner's farm on the outskirts of Chiang Mai. Divided into six half-day sessions, the Tropical Agriculture Workshop will offer participants a chance to engage in hands on practice related to:

- Humane livestock slaughter (pigs, chickens and fish)
- SRI (System of Rice Production)
- Natural vegetable gardening
- Small-scale fish production in tanks and small ponds
- Production of quality charcoal and wood vinegar from low-quality wood in 200-liter drum kilns
- Small-scale biogas production (using plastic bladders and tanks)
- Production of charred rice husks as a soil amendment

Workshop Costs

- **3300 Thai baht (about US\$110)** per person, includes:
 - three days of training, including six morning and afternoon sessions
 - lunch and transportation between the ECHO Asia office and Partners Farm/Mae Jo University
- **Discount to 2700 Thai baht (about US \$90)** per person for organizations sending five or more representatives to the workshop.
- **Or 800 Thai baht per workshop session *(about US\$27)** *Those not participating in the entire day's event must handle their own transportation to/from Partners Farm/Mae Jo University

Workshop participants will be responsible for their own lodging and non-workshop related meals and transportation.

Please note that this workshop will be held during Chiang Mai's high season for tourism. It is recommended that participants register and make their own lodging reservations as soon as possible prior to January.

Workshop Registration: To inquire and register for the Tropical Agriculture Workshop, contact the ECHO Asia Regional Office at echoasia@echonet.org.

Registration deadline: January 10, 2012

February 21-23, 2012

2012 ECHO Cambodia Tropical Agriculture Workshop

February 21-23, 2012, 8:00 AM - 5:00 PM

The [ECHO Asia Regional Office](#) and the [Wholistic Development Organization](#) will co-host a three-day Khmai-language workshop to be held at the **Peri-Urban Agriculture Center (PUAC)** and **Jumpah Center** on the outskirts of Phnom Penh in Kompong Speu Province. Over several sessions, the ECHO Cambodia Tropical Agriculture Workshop will offer participants a chance to:

- Network with other agriculture and community development workers.
- Tour the Peri-Urban Agriculture Center and learn about organic vegetable production, post-harvest management and marketing.
- Engage in a water storage and irrigation workshop
- Tour the Jumpah Center that features work related to solar power, pig production with forage feeds and recycling of pig waste into fertilizer and biogas.
- With local materials, learn how to produce and use indigenous micro-organisms for various types of farm application.
- Learn how to produce low-cost nutritious fermented pig feed and bokashi natural fertilizer.
- Become familiar with various green manure/cover crops for farm soil improvement.

Workshop Costs

- **\$100 per person**, includes:
 - three days of training, including morning and afternoon sessions
 - lunch
 - transportation between the Peri-Urban Agriculture Center and the Jumpah Center on the 23rd
- **\$75 per person** for organizations that register **5 or more staff members**
- **Or \$25 per person per half day of participation**

Note: If the event is overbooked, preference will be given to those interested in attending the entire workshop.

Workshop participants will be responsible for their own local lodging and non-workshop related meals and transportation.

Workshop Registration To inquire and register for the Tropical Agriculture Workshop, Khmer language enquiries may contact the Wholistic Development Organization at wdo.director@gmail.com. English inquires can contact the ECHO Asia Regional Office at echoasia@echonet.org. **Registration deadline: January 1, 2012**

For further information including the Workshop Schedule, click this link: [2012 ECHO Cambodia Tropical Agriculture Workshop](#)

February 26-29, 2012

Share Your Expertise at EC12 in Las Vegas, NV - Abstracts Due May 27

It's not too early to start thinking about presenting at EC12 in Las Vegas, NV Feb. 26-29, 2012. Submittals are encouraged for full and half day classes as well as one hour presentations.

Intermediate and advanced courses and presentations are highly encouraged. Abstracts are due May 27. For the complete schedule, [click here >>](#). Can't attend EC12? Then consider showcasing what you know by writing an article for IECA's members-only publication, *Environmental Connection*. [Click here for more details >>](#)



April 16-18, 2012



The Uplands Program (SFB 564)

UNIVERSITÄT HOHENHEIM



The Uplands Program is organizing a three day scientific conference on **Sustainable Land Use and Rural Development in Mountain Areas** at Hohenheim University in Stuttgart from 16-18 April 2012.

This conference aims to bring together international experts to share knowledge, lessons learned and experiences from across the globe related to sustainable mountain development with an emphasis on developing countries. The focus will be on knowledge that cuts across scientific disciplines and combines insights from the social and natural sciences. The conference is organized along the following six themes:

- Soil care in mountain landscapes
- Supplying, using, sharing and cycling of matter and water
- Linking highland farmers to modern food chains
- Land use and land cover change
- Sustainable and competitive livestock systems
- People participation in natural resource management

We especially encourage submissions that relate these themes to policies, institutions and innovations contributing to sustainable mountain development.

We are currently inviting contributions for 15 minute oral or 5 minute poster presentations. Extended abstracts of these presentations (400-600 words in length) are to be submitted to the conference website until **15 November 2011**. Additional information about the conference is also available from the site: <https://uplands2012.uni-hohenheim.de>. We look forward to your contributions and to meeting you in Hohenheim in April 2012.

The organizing committee, uplands2012@uni-hohenheim.de

Interested in Irrigation Management?

Do you work in the field of Irrigation? Then you should see the new theme brochure on Irrigation Management that Eijkelkamp Agrisearch Equipment recently published. It shows you all sorts of research equipment for this purpose. For more information please visit www.eijkelkamp.com.



[Download the Eijkelkamp Irrigation Management brochure here](http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/P050e%20Research%20equipment%20for%20irrigation%20management.pdf)

<http://www.eijkelkamp.com/Portals/2/Eijkelkamp/Files/P050e%20Research%20equipment%20for%20irrigation%20management.pdf>

May 2012

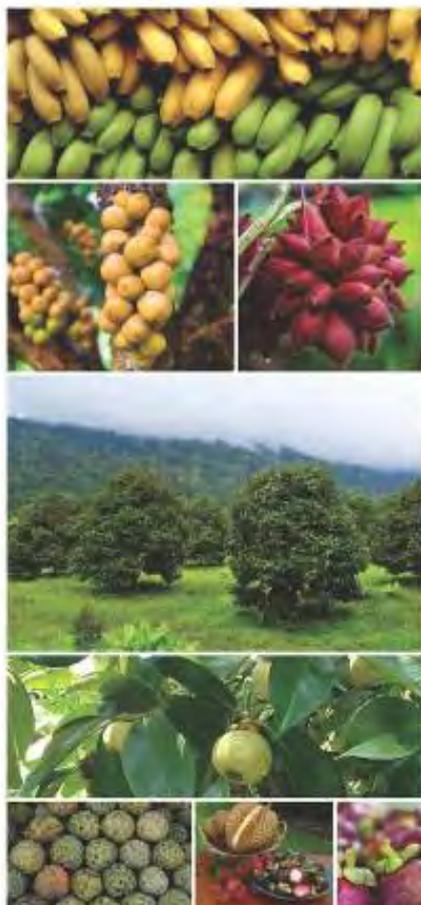
2nd Human Impacts on Soil Quality Attributes in (Semi-) Arid Regions”HISQA2” at Isfahan University of Technology (Isfahan, Iran) in May 2012. This meeting will have substantial contribution from the Iranian ISTRO Branch and their branch Chair, Mohammad Hajabbasi is taking the opportunity to invite ISTRO members from around the world to participate and meet their Iranian colleagues. Topics relating to soil physical, chemical and biological degradation including salinization, nutrient depletion, desertification will be addressed. (from ISTRO INFO March 2011)

May 15, 2012 [Land Degradation and Challenges in Sustainable Soil Management](#) Izmir Turkey

May 17-19, 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. hstoddart@stakeholderforum.org; www.earthsummit2012.org

May 19-25, 2012



The VII International Symposium on Mineral Nutrition of Fruit Crops
19 - 25 May 2012
Chanthaburi, Thailand
www.mnutrition7.kmitl.ac.th

Welcome to the VII International Symposium on Mineral Nutrition of Fruit Crops organized by the International Society for Horticultural Science (ISHS) in collaboration with King Mongkut's Institute of Technology Ladkrabang. The symposium will provide the opportunity for scientists, professionals and students with different backgrounds to present their latest findings and discuss their current work related with basic and applied aspect of mineral nutrition on quantity and quality of plant commodities, nutritional aspect and food safety of tropical, subtropical, and deciduous fruit crops. We hope the meeting will promote the exchange of ideas and international cooperation and collaboration among researchers and people associated with fruit crops around the world. The scientific programs include three days of oral and poster sessions and one-day technical tour. A three-day-two-night Pre-symposium Tour to visit commercial orchards in the Northeastern and the Eastern parts of Thailand will be arranged during 19-21 May 2012 at additional cost.

Scientific Topics

- The scientific topics of interest include, but are not limited to:
- Nutrient management and cycling in fruit trees
 - Plant nutrition and climate change
 - Plant nutrients and fruit quality
 - Fruit nutrition, bioactive compounds and human health
 - Foliar nutrition
 - Interaction and diagnosis of plant nutrient status
 - Fertilizer application and environmental impacts
 - Tree fruit physiology and plant growth
 - Fruit breeding for improved mineral nutrient status

Venue

The Symposium will take place at Maneechan Resort, Chanthaburi province, on the eastern coast of Thailand. Chanthaburi is 245 km from Bangkok and is easily reached by car and bus. It has a long intriguing history dating back over a century. It is the largest commercial production area for exotic tropical fruits such as durian, mangosteen and rambutan. The province of Chanthaburi is blessed with rich, verdant forests and scenic waterfalls. Chanthaburi is also the center of gemstone trading, especially rubies and sapphires.





Registration Fee

The symposium registration fee includes all lunches and coffee breaks from 22 May to 25 May 2012, the Welcome Reception, Mid-Symposium Tour, the Farewell Dinner, Symposium Program, Abstract Booklet and Acta Horticulturae. Students will not receive Acta Horticulturae. All fees quoted are in US dollars.

Membership Category	Before 1 February 2012	1 February 2012 Onwards
ISHS Member	US\$ 350	US\$ 400
Non Member	US\$ 440	US\$ 490
Student* ISHS Member	US\$ 250	US\$ 300
Student* Non-member	US\$ 340	US\$ 390
Accompanying Person	US\$ 200	US\$ 250

Abstract Submission Deadline : 31 October 2011

Notification of Acceptance : 30 December 2011

Full Paper Submission Deadline : 15 April 2012

Language

The official language of the symposium will be English.



International Scientific Committee

Vijay Bshadur	India
Surya P Bhattarai	Australia
David Bryla	USA
R. Chithiraichelvan	India
Pedro Correia	Portugal
Esmail "Essie" Fallahi	USA
Xuming Huang	P.R. China
Huey-Ling Lin	Taiwan R.O.C
Denise Neilson	Canada
Gerry Neilson	Canada
Nina Opstad	Norway
Frank Perlea	USA
Maribela Pestana	Portugal
Michelangelo Pollicarpo	Italy
Adamo Rombola	Italy
Sumitra Poovarodom	Thailand
Carolyn Scagel	USA
Timothy Spann	USA
Massimo Tagliavini	Italy
Gabriela Teodorescu	Romania
George Wellington Melo	Brazil



Call for Abstracts

The Organizing and Scientific Committees invite authors for oral and poster presentation. Abstracts should be written in Time New Roman12, single-spaced and one page at most. Abstracts must include the title of the paper, the author name(s) and institution(s) along with the telephone, fax, and E-mail address of the corresponding author. Please indicate whether you wish the paper to be considered for an oral presentation or a poster.

General Information

Convener : Sumitra Poovarodom
 Email : kpsumitr@kmitl.ac.th
 Email : mnnutrition7@kmitl.ac.th
 Website : www.mnutrition7.kmitl.ac.th
 Telephone/Fax : 662 3298510 -11

Local Organizing Committee

Sumitra Poovarodom, Chair
 Wichien Chatupote
 Pramoi Ruamsuki
 Pornthiwa Kanyawongha
 Nukoon Tawintueng
 Sukanya Yampracha



Pls access www.mnutrition7.kmitl.ac.th for more details or write to kpsumitr@kmitl.ac.th

May 28-June 2, 2012

BALWOIS

2012 Conference

It is our pleasure to inform you about Firth International Conference BALWOIS 2012 on Water, Climate and Environment which will be held from 28 May to 02 June 2012 in Ohrid, Republic of Macedonia.

All Information are available at www.balwois.com/2012 .

If you want to submit an abstract you have to register and create an account on BALWOIS Conference management web site (do not forget to check the box "author" in the form):

<http://ocs.balwois.com/index.php?conference=BALWOIS&schedConf=BW2012&page=user&op=account> .

Deadline for submitting an abstract is 31st of October 2011. Remember your username and password; you need them for all your work with the conference.

BALWOIS Organising Committee "BALWOIS Secretariat" secretariat@balwois.com

June 26-29, 2012

International Society for Root Research 26-29 June 2012 Dundee UK (note the date change from that previously advertised. UK Keynote speakers include Jonathan Lynch, Malcolm Bennett Michelle watt, Philippe Hinsinger, Bob Sharp, Fusuo Zhang, Heljä-Sisko Helmisaari and Peter Gregory. Updates and more information on the ISRR website (www.rootresearch.org/). (From ISTRO INFO March)

July 2-6, 2012

Dear Distinguished Colleagues:

I am honored and pleased to attach for your information the Final List of Symposia, Workshops and Other Events of EUROSOIL2012 to be held in Bari next 2-6 July 2012. More than 2910 have been submitted and accepted to be presented as oral or poster in a final number of n.68 Symposia/Workshops.

You will see that several Numbers and Titles of original Symposia and Workshops have changed due to some merging of original proposals. Thus, please check in the attachment and on the Congress web site the actual Final List of Events.

If you submitted an Abstract to any Symposia and/or Workshop of EUROSIL2012 you should have received an official e-mail of acceptance of your Abstract clearly indicating the Number of the Symposium/Workshop in which your presentation is included and the type of it (oral or poster). Please, note that only the Author who was indicated on line as the Presenting Author has been informed, not all Authors. Thus, if you want to have information on the Abstract of which you are a Co-Author, please refer to your presenting Author.

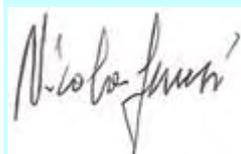
Very important: if any presenting Author has not yet received the e-mail of information on her/his Abstract please contact immediately by e-mail the Agency Selecto for inquiring. Thank you.

In this occasion, I very pleased to renew my warmest invitation to attend EUROSIL2012 and to register soon to take advantage of the reduced early Registration fee. If you need an official invitation letter, please, contact me.

I am sorry to inform all of you that our budget does not allow us to waive any registration fee and/or to support financially any attendant to the Congress, including Conveners and Co-conveners, students, young researchers, old or retired scientists, of any Country. Only a few Symposia/Workshops have available a limited number of fellowships/bursaries to be assigned only to students/young researchers who will present a paper in these Symposia/Workshops. The conditions and procedure to apply will be soon available on line.

I hope to welcome all of you in Bari next July 2012

Best wishes for a Merry Christmas and Very Happy New Year and all the best to you and your families



Professor Dr. Nicola Senesi
President of ECSSS and EUROSIL2012

ORGANIZING SECRETARIAT

Selecto Srl

Society of Quality Management Systems
Via Roberto da Bari, 108 - 70122 Bari - Italy
Piazza Campitelli, 1 - 00186 Roma - Italy
tel: +39 080 5218556 - fax: +39 080 5245166
Email: info@eurosoil2012.eu
Website: www.eurosoil2012.eu

EUROSIL 2012, <http://www.eurosoil2012.eu>, the 4th International Congress of the European Confederation of Soil Science Societies (ECSSS) will be held in Bari, Italy, from 2 to 6 July 2012, organized by the Italian Society of Soil Science (SISS) and presided by Prof. Nicola Senesi of the University of Bari, Bari, Italy. The Congress will focus on and develop the various aspects of fundamental and applied soil science and technology, field approaches and social, economical and political implications in relation to the present and future needs and emergencies of mankind and environment. The Congress structure will consist of symposia, workshops and other events, including short courses, business meetings, open debates, roundtables, technical specialized meetings and/or demonstrations. The Congress will be structured prevalently on bottom-up proposals received from scientists, educators, and decision makers involved in soil science and related disciplines. Any interested person is cordially invited to visit the EUROSIL 2012 website, and encouraged to submit proposal(s) for convening symposia and/or workshops and/or organizing any other kind of events through the appropriate form available in the Congress website by 28 February 2011. For more details visit www.eurosoil2012.eu (From IUSS Alert 70)

ADDITIONAL INFORMATION

We are pleased to inform you that the Call-for-Papers programme of the EUROSIL 2012 (Bari, Italy, 2-6 July 2012) is now open. On behalf of the Programme Committee, we cordially invite you to submit abstracts to the symposium: **S2.3 "Pedodiversity in space and time: concepts, measurements, applications"**

(http://www.eurosoil2012.eu/d/32/2.Soil_Genesis,_Evolution_and_Classification/)

You can find information for abstract submission in the section "Call for Abstracts" available on the Congress website (<http://www.eurosoil2012.eu>). The deadline for submission of abstracts is strictly fixed on 10 October 2011. Abstract submission for oral or poster presentations is possible only on-line using the format posted on the Congress website: www.eurosoil2012.eu/d/6/Call_for_Abstracts/.

The Conveners: Carmelo Dazzi, Juan José Ibañez, Giuseppe Lo Papa
Prof. Carmelo Dazzi, President of the European Society for Soil Conservation - ESSC
Dipartimento dei Sistemi AgroAmbientali, Facoltà di Agraria; Università di Palermo
Viale delle Scienze, 90128 Palermo (I), Tel: +39 09123862211; Fax: +39 09123862239
Email: dazzi@unipa.it; Skype: carmelo.dazzi

And within it the Symposium, “**S6.4. Title: Preventing and combating soil salinization under climate change scenarios**” Convener: Batlle-Sales Jorge - University of Valencia – Spain. Jorge.Batlle@uv.es.

July 22-25, 2012

2012 Annual Conference

67th Annual SWCS International Conference

July 22-25, 2012 | Fort Worth, TX

Choosing Conservation: Considering Ecology, Economics, and Ethics

Both [Hugh Hammond Bennett](#) and [Aldo Leopold](#) recognized that effective conservation decision-making takes many tools. A shovel, a pen, and a solid handshake were used skillfully by both men to help land managers and lawmakers make sustainable choices for working lands. Leopold was particularly vocal on the need to reunite economics with ecology and ethics. He recognized that each field of inquiry strengthens the study of natural resource conservation and its application on the back forty. Recent movements toward transdisciplinary research and systems approaches mirror Leopold's thinking. The 125th anniversary year of Leopold's birth provides us with an opportunity to take cues from Leopold and Bennett as we consider conservation choices today.



Call for Presentations and Symposia Sessions Deadline for submissions: December 15, 2011.

Submit an abstract or symposium description.

July 23-27, 2012

“Soil Bio- and Eco-engineering. **The Use of Vegetation to Improve Slope Stability**” to be held at Vancouver, Canada, 23-27 July 2012.

We will bring together scientific researchers, practitioners, geotechnical and civil engineers, biologists, ecologists, geomorphologists and foresters to discuss current problems in slope stability research, and how to address those problems using soil bio- and eco-engineering techniques.

You can also check out the web pages for the new free network; INBE – International Network of Soil Bio- and Eco-Engineers where the conference is also posted: *<http://inbe.cirad.fr>*

If you would like to add something to the network pages (please do!) - contact your local administrator (see 'correspondant' page) Alexia Stokes alexia.stokes@cirad.fr & Steve Mitchell

August 11-12, 2012



Institute of Mountain Hazards and Environment, CAS

2012 International Debris-Flow Workshop

Chengdu, China – August 11-12

Post-Workshop Field Trip on August 13-16, 2012 to:
Debris Flow Sites along 213 National Highway in Wenchuan Earthquake-hit area
and Debris Flow Control Sites in Jiuzhaigou Valley

Co-Host and Organizers

Institute of Mountain Hazards and Environment, CAS
Key Laboratory of Mountain Hazards and Earth Surface Process, CAS

Secretariat

Secretary-General: Xiaoqing Chen; Members: Aaron Guo, Rongzhi Tan, Wei Chen

Important dates

Deadline for Submittal of Abstract	December 31, 2011
Deadline for Manuscript Submittal	May 31, 2012
Check-in	August 10, 2012
Field trip	August 13, 2012

Contact persons:

Email to the Workshop General Secretaries:

Aaron Guo, E-mail: mhsp@imde.ac.cn; sblong2003@yahoo.com.cn;

Wei Chen, E-mail: mhsp@imde.ac.cn; chen_wei1979@126.com;

Rongzhi Tan, E-mail: mhsp@imde.ac.cn; tanrz@imde.ac.cn

To request specific information on the workshop and the field trips, to submit an abstract, and to pay the fees and if you need any help else, please contact us.

● Background

Asia is the most prone to debris flow hazard in the world because of the geological and metrological conditions, especially, as the extreme climates increase, more and more debris flows occurred in Asia in the past several years. For example, in the summer of 2010, heavy rainfall hit Southeast Asia and South Asia, thousands of people died in the flood and debris flow induced by the rainfall, millions of people were left homeless. In September, 2011, more than 80 people died because of debris flow in Thailand. Moreover, with the clear trend of global climate change, the Asian countries will meet more serious challenges to live with risk.

The ANDF (Asian Network on Debris Flow) was proposed to provide a platform to hold academic conferences and trainings, to promote the project collaboration, to improve the debris flow study and mitigation technology in all Asian countries. The international workshop of ANDF will be held every two years. The 2010 International Debris Flow Workshop was held by the Institute of Mountain Hazards and Environment, CAS, on November 27-28th, 2010 in Chengdu, China. Theme of this series of workshop is "Debris-Flow Hazards Mitigation and International Cooperation".

● Objective

The Workshop will provide a forum for debris-flow researchers to exchange ideas on how to cope with debris-flow hazards using the most advanced, state-of-art methodologies in mechanics as well as in hazard prediction and risk assessment. How to strengthen the international cooperation of debris-flow research and mitigation is the other focus of this Workshop.

● Topics

All abstracts and reports submitted to the Workshop are expected to address timely issues on disaster caused by debris flows, debris avalanches, mudflows, lahars, hyper concentrated flows, debris floods, and the like. Topics of interest in technical sessions include, but are not limited to:

1. Formation mechanics of debris flows
2. Numerical modeling of debris flow
3. Debris-flow experiments
4. Assessment of debris-flow hazards and risk
5. Field observations and measurements of debris flows
6. Debris-flow monitoring and alert systems
7. Structural and non-structural debris-flow countermeasures
8. Relationship between debris flow formation, human activity and eco-environment
9. International cooperation mechanism of debris-flow research and mitigation.

● Manuscripts

Abstracts and final manuscripts approved for publication will have to be submitted in electronic form in PDF format and Microsoft Word DOC. Authors can send their abstracts and manuscripts to the secretariat before 31st December, 2011 and 31st May, 2012, respectively. All abstracts and full manuscripts submitted by the deadline, as

given above, shall undergo a first round of review; mainly check whether the submitted paper meets the workshop topics, before 31st July, 2012. The Manuscripts in accord with the workshop topics will be recommended to *Journal of Mountain Sciences* (SCI expanded), *International Journal of Sediment Research* (SCI expanded), and *Frontiers of Earth Science in China*. Authors may find information about format and guidelines on the Website at <http://jms.imde.ac.cn>, <http://www.waser.cn/journal/journal-main.asp>, <http://www.springerlink.com/content/2095-0209>, respectively. The peer-review and final decision will be conducted by relative editorial office independently.

● Accommodation

The Workshop secretariat can either provide contacts of hotels, or book hotel directly for participants if they need. Below is a reference price list at current market rates. All charges include breakfast and tax. “Room” means a standard room with two beds (or a double bed). The hotels and prices in detail will be listed in the second announcement.

Grade	Price(per night per room)
5-star	US\$100
4-star	US\$80
3-star	US\$60

Participants are requested to complete and return the Registration Form via email or air mail to the Workshop Secretariat, so that room reservations can be made in advance. If there is any change, please inform the Secretariat in time.

● Registration

Registration fee will cover the welcome reception, participation in the scientific sessions, booklets, coffee, tea and snacks, lunches, (social) dinner and other service during the meeting, BUT NOT cover the traveling, field trip, room, international express deliveries, and private business expenditures. The field trip fee will cover the food and traveling during the trip, BUT NOT include the room.

Registration	Field trip
\$300	\$200

The organizer can provide financial support for registration fee for participants. Participants who want to apply for financial aid should submit their application and presentations. The financial support will be decided by a panel according to their academic value.

● Payment

All payments should be made in US dollars or RMB. You may use one of the following two ways:

1) Bank Transfer

Account name: Institute of Mountain Hazards and Environment, Chinese Academy of Sciences and Ministry of Water Resources, Chengdu

Bank name: Bank of Communications, Chengdu Branch

Swift Code: COMMCNSHCDU

Account number: 511609017-01-0149008063

Please make sure to indicate the name of the Workshop “2012 International Debris-Flow Workshop”, your full name and your country on the bank transfer, and send us a copy of the receipt of the bank transfer.

2) Pay on the spot before the Workshop

Cash in US dollars; RMB and credit card are acceptable.

Formal Receipt for registration fee

The Secretariat of the Workshop will send a confirmation letter via email to the registrant once he receives the participant's Registration Form and fees. The participant should present his/her confirmation letter at check-in. The formal receipt for fees will be available from the Secretariat when checking in.

● Field trips

Chengdu→Jiuzhaigou Gully→Chengdu



Debris flows and landslides widely distribute along the 213 National Highway. On the way we can visit Niujuan Gully, the epicenter of the 5.12 Wenchuan earthquake, Hongchun Gully debris flow site, which blocked Min River and threatened the Yingxiu Town in 2010, Gaojia Gully debris flow site which damaged the National Highway for 16 days in 2011, Miancu River debris flow

site which ruined chemical plants and caused 125 people sick in 2011, and so on. The slope debris flows in this area are also densely distributed.

Jiuzhaigou Valley is an outstanding product of nature. Here are towering and glittering snow peaks, clear and charming lakes, colorful waterfalls, violent torrents, and verdant forests, and glittering snow peaks. The blue sky, radiant and charming sunlight, fresh air, as well as ancient and primitive villages, wood bridges, water mills all contribute to a finest landscape painting of rich implications and harmonious integration.



The debris flow control system in Jiuzhaigou Valley is very successful and also sight worthy.

● Useful Information

Weather

Chengdu is the capital of Sichuan Province, and is located in the western Chengdu Plain. It has a subtropical climate; the temperature here will be between 25 and 32 centigrade during the workshop.

The participants who will join field trips to Jiuzhaigou Gully need bring some warm clothes like a down jacket.

Passport and Visa

The international participants should hold a valid passport and visa for their trip to China. As soon as we receives the Registration Form and the related fees from participants and their accompanying persons, they will be sent an invitation to help them get a Visa for entrance into China from their local Chinese Embassy or Consulate.

Customs

For more information about Chinese customs, please inquire the local Chinese Embassy, Consulate or related agencies.

Insurance

The Secretariat of the Workshop recommends all the participants purchase Life Insurance, Property Insurance, Medical and Travel Insurance before coming to China. The organizer will not be responsible for personal accidents and property loss during the Workshop and the field trips.

Exchange

RMB (Yuan) is the only currency in circulation in China. Participants can exchange their currencies at airports, major hotels and banks in China. The exchange rate will be given daily by the Bank of China. Currently, 1 US dollar can be exchanged for about 6.39 Yuan RMB. Please keep in mind that the exchange receipt should be saved in case those participants want to exchange RMB back to their own currencies. Banks may demand to see the previous exchange receipt.

Voltage

220V, 50HZ, flat blade attachment plug (without holes in blades and slightly short blades) and flat blades with round grounding pin are used as a national standard in China.

Airport Construction Fee

Passengers taking Chinese domestic airliner must pay an Airport Construction Tax and Added Fuel Price Tax in addition to the air-ticket. Airport Construction Tax is 50 Yuan. Added Fuel Price Tax varies according to distance of flight. Currently, 50 Yuan is charged for flights shorter than 800 kilometers and 140 Yuan for flights longer than 800 kilometers. For international air-tickets, Added Fuel Price Tax will be calculated by the specific international airline.

Reconfirmation of Reservations

The international air-ticket should be reconfirmed 72 hours ahead of the departure time. The Front Desk of your hotel can help you do that.

Registration Form for 2012 International Debris-Flow Workshop

Aug. 11-12, Chengdu, China

The Secretariat of the 2012 International Debris-Flow Workshop, Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, P. O. Box 417, Chengdu, Sichuan 610041, China

Phone: +86-28-85238460; Fax: +86-28-85238460

Email: mhsp@imde.ac.cn; sblong2003@yahoo.com.cn; tanrz@imde.ac.cn; chen_wei1979@126.com

Attendees are required to fill this Form and send this Registration Form to the contact person by mail to confirm.

Please type or print or write legibly.

Last name _____ First name _____

Gender _____ Age _____ Title _____ (Prof., Dr., Mr., Mrs., Miss)

Institution/Company _____

Address _____

Country _____ Zip Code _____

Phone _____ Fax _____

E-mail _____

Paper title _____

Number of accompanying persons _____

Last name _____ First name _____ Nationality _____

Last name _____ First name _____ Nationality _____

Financial aid for registration fee Yes No

Payment Method: Bank Transfer _____ Credit Card _____ Cash _____

Note: Additional 3% service charge will be charged in the case of payment by credit cards

Signature _____ Date (D/M/Y) _____

August 26-30, 2012

The 7th International Acid Sulfate Soil Conference (7th IASSC) will be held in Vaasa, Finland, in the end of August 2012. There will be a four-day conference on August 26-30, including a one-day mid-conference field tour, and two one-day excursions August 31–September 1. The conference is organized by the Geological Survey of Finland (GTK) and the Acid Sulfate Soil Working Group of the International Union of Soil Sciences (ASS WG), in cooperation with several other organisations. Please visit our website <http://www.7iassc.fi> for additional information, for the first circular, background, news and preregistration. (From IUSS Alert 73)

September 6-15, 2012

Invitation to contribute to the 2012 World Conservation Congress

Versión española abajo – Version française plus bas

English

*** please forgive cross-postings – this is an automatically generated email. For replies, please use the email address indicated at the bottom of the email ***

Dear friends and colleagues,

We have the pleasure to inform you that the Call for Contributions for the next IUCN World Conservation Congress is now open!

The Congress will take place from 6 to 15 September 2012, in Jeju, Korea. This Call for Contributions invites you to propose events to be considered for the Forum, the part of Congress which is open to all (from 7 to 11 September 2012).

We have worked to incorporate your feedback after the last Forum, clarifying the focus and simplifying the structure. It is now easier than ever to navigate the Forum information and develop a proposal for an event! We recommend that you read the instructions carefully before submitting your event, to ensure you maximise the chance of your proposal being selected. Click here www.iucn.org/congress for the latest updates and information about the Congress, and to access the Call for Contributions. You will also be able to see which proposals have already been submitted or to submit a new one. The call will remain open until **15 October 2011** and you will have until this date to identify partners and develop your proposal. Note that the system is available from today in its English version. French and Spanish versions will be available in the next few days.

Please don't hesitate to contact us if you have any doubts or queries.

See you next year in Jeju!

The Forum Team congressforum@iucn.org

French

**** veuillez nous excuser si ce message vous parvient plusieurs fois – ce message a été généré automatiquement. Pour répondre, veuillez utiliser l'adresse indiquée en bas de message ****

Chers amis et collègues,

Nous avons le plaisir de vous informer que l'Appel à Contributions pour le prochain Congrès Mondial de la Nature de l'UICN est dès maintenant ouvert !

Le Congrès aura lieu du 6 au 15 septembre 2012 à Jeju, Corée. Cet appel à contributions est une invitation à proposer des activités qui seront considérées pour le Forum, la partie publique du Congrès, du 7 au 11 septembre 2012.

Nous avons tenu compte de vos commentaires, lors du dernier Forum, clarifié le thème et simplifié la structure. Il est désormais plus facile que jamais de trouver votre chemin dans l'information du Forum et de développer une proposition d'activité ! Nous vous recommandons toutefois de lire les instructions attentivement afin de maximiser vos chances lors du processus de sélection.

Cliquez ici www.iucn.org/congress pour voir les dernières informations et nouveautés sur le Congrès et accéder à l'Appel à Contributions. Vous aurez alors la possibilité de voir les propositions déjà présentes sur le système, ou de créer la votre. L'appel restera ouvert jusqu'au **15 octobre 2011** et vous avez donc jusqu'à cette date pour identifier vos partenaires et soumettre votre proposition.

Notez que le système est actuellement disponible dans sa version anglaise. Les versions française et espagnole suivront d'ici quelques jours.

N'hésitez pas à nous contacter pour toute question ou doute.

À l'année prochaine bientôt, à Jeju ! L'Equipe du Forum congressforum@iucn.org

Español

*** por favor, disculpen si este mensaje les llega varias veces – este mensaje ha sido generado de forma automática. Para responder por favor utilizar la dirección indicada al final del mensaje ***

Estimados amigos y colegas,

Tenemos el placer de informarles que la Convocatoria de Contribuciones para el próximo Congreso Mundial de la Naturaleza de la UICN ya está abierta!

El Congreso tendrá lugar del 6 al 15 de septiembre de 2012 en Jeju, Corea. Esta convocatoria es una invitación a proponer actividades para ser consideradas para el Foro, la parte del Congreso abierta a todos, del 7 al 11 de septiembre de 2012.

Hemos integrados sus comentarios, desde el último Foro, clarificando el enfoque y simplificando la estructura. Es ahora más fácil que nunca navegar por la información acerca del Foro y desarrollar una propuesta! Sin embargo, les aconsejamos leer atentamente las instrucciones para maximizar sus chances durante el proceso de selección.

Clickan aquí www.iucn.org/congress para ver las últimas informaciones y novedades sobre el Congreso y acceder a la Convocatoria de Contribuciones. Tendrán también la posibilidad de ver las propuestas ya ingresadas en el sistema, o crear la suya. La convocatoria seguirá abierta hasta el **15 de octubre de 2011**, y tienen, por lo tanto, hasta esta fecha para identificar sus socios y ingresar su propuesta.

Noten que el sistema está disponible en su versión inglesa desde hoy. Las versiones española y francesa serán disponibles dentro de un par de días.

No tengan ninguna duda en ponerse en contacto con nosotros para cualquier duda o pregunta.

Nos vemos el año que viene en Jeju! El Equipo del Foro congressforum@iucn.org

September 12-15, 2012

Seventh International Mini-symposium on Removal of Contaminants from Water, Atmosphere and Soil. Xalapa, Veracruz, Mexico. Sept. 12-15, 2012. Contact Janette Arriola Morales janette.arriola@correo.buap.mx

October 15-19, 2012

INVITATION of 2012 International Conference on Mountain Environment and Development (ICMED)

Sunday, January 9, 2011 10:08 PM

From: "icmed" <icmed@imde.ac.cn> **To:** sombatpanit@yahoo.com

3 Files (679KB) | [Download All](#)



• [First Call for Papers.pdf](#)

Dear Prof. Samran Sombatpanit,

On behalf of Professor FAN Weiming, Chairman of the 2012 ICMED Organization Committee, we would like to invite you to be a member of the International Scientific Advisory Committee of the Second International Conference on Mountain Environment and Development (ICMED), to be held in Chengdu, China, from 15-19 October 2012, jointly sponsored by Chinese Academy of Sciences (CAS), State Forestry Administration, P.R. China (SFAC), National Natural Science Foundation of China (NSFC), International Geographical Union (IGU). Part of the approved high level papers will be published in formal press by Journal of Mountain Science, JMS (SCI), and conference books involving all the approved papers will be offered to all participants in highly recognized hard-cover on registration at the meeting for inner communication.

DENG Wei

on behalf of Professor FAN Weiming, Chairman of the 2012 ICMED Organization Committee

2012 ICMED Conference Secretariat

Secretary General WEI Fangqiang, OUYANG hua

Vice Secretary General ZHANG Ning, HU Pinghua

Contact Persons: LIU Qin, HU Ying, TAN Rongzhi

Address: Institute of Mountain Hazards and Environment, CAS

9# Section 4, Renmin South Road, Chengdu, China Postal Code: 610041

Tel: 86-28-85259762 86-28-85235224; Fax: 86-28-85259762 86-28-85222258

E-mail: icmed@imde.ac.cn; Web site: <http://icmed2012.csp.escience.cn>

December 2-7, 2012

Joint **ASSSI and NZSSS Soil Science Conference**, Wrest Point Hotel and Convention Centre, Hobart, Tasmania, Australia, 2-7 December 2012 (www.soilscience2012.com)

MEETINGS 2013++

2013

19th ISCO Conference, Colombia

Contact Prof Franco Obando at fobandol@yahoo.com

If anyone knows about the conference summary and conclusions from the **18th ISCO in Santiago, Chile** in November 2010, please kindly let Dr S.S. Kukal know. We will publish it in WASWAC Bulletin.

If you want to advance in your career

Make English
Part Of Your Life

May 14-18, 2013



NC STATE UNIVERSITY



All WASWAC members are welcome to attend YOUR conference in May 2013



The 1st Announcement

May 11-13, 2013

SWAT SEA III and Conservation Agriculture (CA) III, Pattaya, Thailand (More details below).

May 14-18, 2013

The 2nd WASWAC World Conference on "THREATS TO LAND AND WATER RESOURCES IN THE 21ST CENTURY: PREVENTION, MITIGATION AND RESTORATION" (LANDCON 1305) and the 2nd Council Meeting of WASWAC

I. INVITATION

You are cordially invited to participate in the International Conference on "Threats to Land and Water Resources in the 21st Century: Prevention, Mitigation and Restoration" and the Second Council Meeting of WASWAC (LANDCON1305) to be held in Pattaya, Thailand from May 14-18, 2013.

Land is foundation of human survival and development, but the degradation of land is intensifying in many parts of the world because of many reasons, including the improper land use and global climate change. Land degradation could induce the deterioration of the ecological functions and productivity of land through soil erosion, desertification, salinization, loss of biodiversity and so on. Land degradation has been threatening the socioeconomic and cultural development at regional and global scales.

Fortunately, the increasing attention has been paid in combating land degradation all over world, as witnessed at the 1st WASWAC World Conference (1WASWAC WC or LANDCON1010) in Xi'an, China in October 2010 that there have been a number of projects being operated by many agencies in various regions to cope with such problems. It is therefore timely to organize the next WASWAC WC in May 2013, which will coincide with the time that the Land Development Department of Thailand, our main host, will hold its 50th Anniversary Celebration.

We sincerely hope that you will join us in making LANDCON1305 a success in terms of identifying the threats to our land and water resources and how to counteract them. We look forward to welcoming you to LANDCON1305 in Pattaya, Thailand

II. THEMES

The main theme of the conference is "THREATS TO LAND AND WATER RESOURCES IN THE 21ST CENTURY: PREVENTION, MITIGATION AND RESTORATION", with following subthemes (to update in the 2nd Announcement):

- Situation and evolution of land degradation
- Mechanism and driving forces of land degradation
- Control measures to prevent and mitigate land degradation (mechanical, biological, agronomical, management) and to restore degraded land
- Evaluation of impact of land degradation on food production and the environment
- Effect of global climate change on land degradation and food security
- Law and Policy to Prevent and Mitigate Land Degradation

And there are specialized themes as follows:

- 3rd Soil and Water Assessment Tool Workshop and Conference for Southeast Asia (SWAT SEA III)
- 3rd Conservation Agriculture Conference for Southeast Asia (CA SEA III)
- Symposium on Soil Classification in Relation to Conservation and Management
- Symposium on Desertification and Its Control
- Symposium on Salinization Problems and Their Prevention/Mitigation/Restoration
- Symposium on Vetiver and Other Biological Conservation Measures for Soil and Water
- Symposium on Water Resource Development and Conservation
- Symposium on Landslide and Debris Flow
- Symposium on Land Care and Management

- Symposium on Land Use, Land Use Change and Change of Land Ownership (Incl. Land Grabbing)
- Symposium on Land and Soil Education
- And other topics of interest pending the suggestions from members.

III. ORGANIZATION

Initiative organizations

- World Association of Soil and Water Conservation (WASWAC)
- Soil and Water Conservation Society of Thailand (SWCST)
- Land Development Department, Bangkok (LDD)

Sponsors To be announced in the 2nd Announcement

Organizers

- Land Development Department, Bangkok (LDD)
 - Guangdong Institute of Eco-Environmental and Soil Sciences (GIEESS), Guangzhou, China
 - Institute of Soil and Water Conservation (ISWC), Yangling, Shaanxi, China
 - International Research and Training Center on Erosion and Sedimentation (IRTCES), Beijing, China
 - North Carolina Agriculture and Technology State University (NCAT), Greensboro, NC, USA
 - Soil and Water Conservation Society of Thailand (SWCST)
 - Soil and Fertilizer Society of Thailand (SFST)
 - World Association of Soil and Water Conservation (WASWAC), Beijing, China
- More will be added in the 2nd Announcement.

IV. Committees (to be announced)

Scientific Committee; Organizing Committee

V. VENUE AND DATE

Date: May 14-17, 2013, with post-conference excursions to various parts of Thailand and neighboring countries (Cambodia and Laos) thereafter

Venue: Pattaya, Thailand; Contact: To be announced

NOTE: Training in SWAT and Conservation Agriculture will take place during May 11-13, 2013 and all trainees will participate in the conference of which the symposia in both topics form a part.

VI. Meeting Structure

FOR SWAT & Conservation Agriculture (CA) TRAINEES

Training starts from the afternoon of Saturday, May 11 to the evening of Monday, May 13, 2013.

FOR ALL CONFERENCE PARTICIPANTS

Registration on Monday, May 13, 2013

Conference starts in the morning of Tuesday, May 14 and ends in the afternoon of Friday, May 17, 2013.

Mid-conference tour will be one full day, Wednesday, May 15; Banquet is on Thursday, May 16.

Departure is on Saturday, May 18, 2013 or any other time.

VII. PAPERS & PUBLICATION

The proceedings of Landcon1305 will be published. Full papers will be indexed. Papers are accepted for either ORAL or POSTER presentation. Details will be provided on the website soon.

Important dates

Deadline for Abstract Submission: September 30, 2012

Abstract Acceptance Notification: Two weeks after its receipt

Deadline for Full Paper Submission: February 28, 2013

VIII. REGISTRATION and FEES Will be announced in the 2nd Announcement

IX. SECRETARIAT

Secretariat of LANDCON 1305

7th Floor, Land Development Department, Phaholyothin Rd., Bangkok 10900, Thailand

Secretary: Mr. Chinapatana Sukvibool sukvibool@hotmail.com Phone: +66-(0)89 212 7542

Websites: <http://www.ldd.go.th/swcst>; <http://waswac.soil.gd.cn/>; <http://ms.iswc.ac.cn/>; <http://www.irtces.org>



SEE YOU IN PATTAYA IN MAY 2013

2014

20th World Soil Congress, Seoul, Republic of Korea. Write to jungys7@kangwon.ac.kr and jungpk@rda.go.kr for details.

2015

6th International Conference on Debris Flow Hazard Management, Tokyo, Japan. Contact: Jon J. Major at jjmajor@usgs.gov



*Low Impact Development
Stormwater Management
BMP Design
Infiltration Testing
Wastewater Management
Wetlands
Water Quality*



F. X. Browne, Inc.

*Contact: Barbara A. Baier, Office Manager/Executive Assistant, F. X. Browne, Inc., 1101 South Broad Street, Lansdale, PA 19446, Phone: 215-362-3878; Fax: 215-362-2016 bbaier@fxbrowne.com, www.fxbrowne.com
Celebrating 30 years of Excellence and Innovation in Environmental Design, Planning, and Engineering.
SUBSCRIBE to our free monthly newsletter: "Sustainable Environments" at www.fxbrowne.com/subscribe*



Headquarters of the F. X. Browne Inc. in Philadelphia, U.S.A.



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



Water quality monitoring: Diver and e-SENSE

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.

To interfere in the water-balance of a certain area, full knowledge is necessary. A small change can have immense consequences. Reliable and frequent measuring of the groundwater situation is the foundation. Diver is the ideal instrument for this purpose! And, in combination with the e-SENSE telemetry measuring system, monitoring of the equipment can be done remotely at a (considerable) distance.



[Read all about it in the brochure Groundwater monitoring and communication solutions](#)

For more information also visit www.eijkelkamp.com

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

INFORMATION ABOUT MEMBERSHIP IN WASWAC & HOW TO SEND MONEY

World Association of Soil and Water Conservation – WASWAC

MEMBERSHIP APPLICATION / RENEWAL FORM (issued 111001)

(For renewal, please fill in only your name, country, 2 e-mails, year(s) and the amount to pay. Sending the form by e-mail is preferred.)

Name (Ms./Mrs./Mr./Prof./Dr.) F M

Institution.....

Postal address

State/Province Zip/Postal code Country

Phone: Fax:

E-mails (Give at least 2 addresses to ensure uninterrupted contact) (1)

(2) (3)

My specialized field(s):

Please sign me up for the WASWAC membership in category: 1* (IM) 2 (LM) 3 (OM, OS, OC) 4 (GM)

Membership for the year(s) @US\$..... = US\$

Donation for developing country membership, etc. US\$

Donation to the Moldenhauer Fund US\$

Total US\$

* Membership categories & rates from July 18, 2005, amended March 3, 2007 and March 4, 2010.

(Please ask samran_sombatpanit@yahoo.com if in doubt):

1. Individual membership (IM): US\$20 for 5 yrs for developing countries; US\$40 for 5 yrs for developed countries and persons working in international organizations worldwide. **In Thailand, members pay 600 Thai Baht for 5 years.**

2. Life membership (LM): US\$80 for developing countries; US\$160 for developed countries and persons working in international organizations worldwide. **In Thailand, Life members pay 2,400 Thai Baht.**

IMPORTANT: Persons who have passed their 60th birthday pay only half of these LM 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.

4. Gift membership (GM): US\$5/ yr worldwide, to be purchased by anyone to give to colleagues, friends, students, etc.

▲ **How and where to submit this form and the money:** You may send this form by **e-mail (preferred), fax or post** – and **membership due** – to:

a. Dr. Xiaoying Liu, WASWAC Treasurer, c/o IRTCES, No. 20 Chegongzhuang Road West, Beijing100048, China. Tel: +86 10 68786413; Fax: +86 10 68411174; waser_secretariat@yahoo.com.cn; waswacsecretariat@yahoo.com; liuxy@iwhr.com. He can receive money through **Check, Bank Draft, Bank Transfer and WESTERN UNION**.

For sending money by **foreign wires** through a bank, please give the following information to your bank:

Name: World Association for Sedimentation and Erosion Research; (*That's right! we use such facility from a sister association handled by the same office.*)

Bank: Industrial and Commercial Bank of China, Baiwanzhuang Branch, Beijing, P R China;

Account no. 0200001409089020987; **Swift code:** ICBKCNBJBJM;

Message to write on the Bank Sheet: WASWAC Membership due for Ms./Mrs./Mr./Prof./Dr., country.

NOTE: 1. Do not deduct the bank fee from the amount of money to send.

2. For sending money by wire/bank transfer or check please add US\$7 per transaction to compensate for the charge at the receiving bank in Beijing. This additional charge does not apply for the payment of an amount of US\$50 or higher.

b. Dr. Samran Sombatpanit, WASWAC Past President and Assistant Treasurer, 67/141 Amonphant 9, Soi Sena 1, Bangkok 10230, Thailand. Phone: +66 (0) 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 a private account that supplements the official one (a, as above).

2. Do not deduct the bank fee from the amount of money to send.

3. For sending money by wire/bank transfer or check please add US\$7 per transaction to compensate for the charge at the receiving bank in Bangkok. This additional charge does not apply for the payment of an amount of US\$50 or higher.

c. You can also send money to **Dr. Samran Sombatpanit** (use the address as shown in **b.** above) thru **WESTERN UNION worldwide money transfer service** www.westernunion.com. Their service is simple, quick and the transfer fee has become much reduced from the earlier time. Also as in **b.**, please do not deduct the transfer fee from the amount to send BUT there is no additional charge. Please write to samran_sombatpanit@yahoo.com before you send.

OTHER ADDRESSES TO SEND THE MONEY TO WASWAC – MAINLY FROM WITHIN THE COUNTRY

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, WASWAC 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, WASWAC Councilor/Vice 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.waswac.org.

Kenya: James O. Owino, WASWAC Deputy President, 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

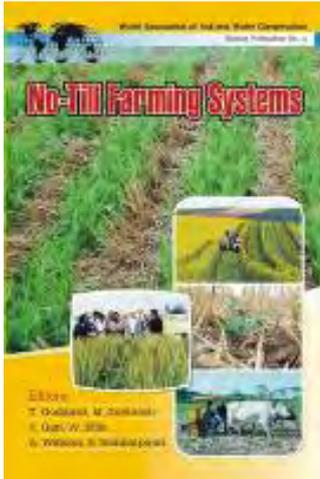
Netherlands: WRS Critchley, WASWAC Deputy President, ABN AMRO Bank, Gelderlandplein, POSTBUS 87091, 1080 JB Amsterdam. Account number 549365478, BIC number = ABNANL2A, IBAN = NL28ABNA0470430559. wrs.critchley@dienst.vu.nl

Serbia: Miodrag Zlatic, WASWAC Immediate Past President, Faculty of Forestry, University of Belgrade, Kneza Visaslava 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.

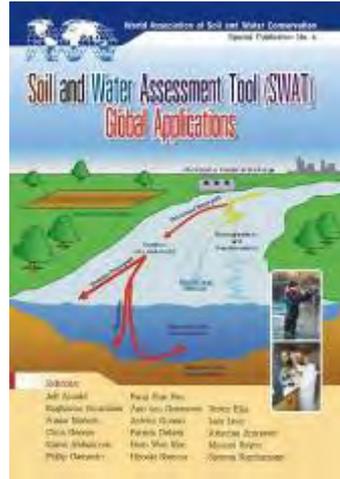
Thailand: Karika Kunta, Land Development Dept., Chatuchak District, Bangkok 10900, Thailand, Savings A/C No. 256-210171-8 Siam Commercial Bank (Tops Central Lat Phrao Branch) care_045@yahoo.com

For the convenience of all parties you are requested to join as a Life member. Contact samran_sombatpanit@yahoo.com

WASWAC Special Publications (SP) (In print)



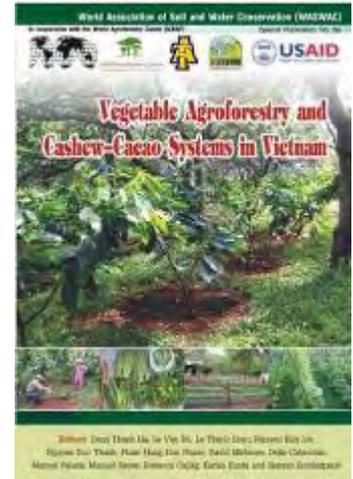
SP 3 (2008)



SP 4 (2009)



(A set of 8 DVDs)



SP 6a (2011)

SP 7 (2011) 10,000 files
(Life members get this one free)

Note: SP 1 (*USLE Story*) & SP 2 (*Carbon in Agriculture*) have been posted on our website <http://waswac.soil.gd.cn>

Members are invited to join the discussion about soil and water conservation and many other fields that you like by signing up in [Facebook](#) and access one or more of the pages that we have registered:

- (1) World Association of Soil and Water Conservation
- (2) SWAT (Soil & Water Assessment Tool) Network
- (3) SWAT Network of Thailand
- (4) SWAT Network of Vietnam
- (5) SWAT Network of the Philippines

(6) SWAT Main Website <http://swatmodel.tamu.edu/>. This website has announcement of all upcoming conferences and workshops and all other items needed for running SWAT models.

Read pp. 7-9 in HOT NEWS February 2011 (02 Part B) for details.



If you want to advance in your career

**Make English
Part Of Your Life**