

# WASWAC HOT NEWS 2012 (01) January-March 2012

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Please send your contributions/ information for next issue(s) of HOT NEWS & WASWAC Bulletin to [care\\_045@yahoo.com](mailto:care_045@yahoo.com), [tongyl@iwhr.com](mailto:tongyl@iwhr.com), [pure\\_soilo3@hotmail.com](mailto:pure_soilo3@hotmail.com), [namhort55@gmail.com](mailto:namhort55@gmail.com) & [sskukal@rediffmail.com](mailto:sskukal@rediffmail.com) (for Bulletin). This document is NOT properly edited, to enable a quick release to meet many deadlines. Previous issues are available on <http://waswac.soil.gd.cn/WASWAC HOT NEWS>



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WASWAC HQ, Beijing, China

## Editor's Note

WASWAC HOT NEWS has been compiled by Dr. Samran Sombatpanit who has devoted his retirement time on it for six years (2006-2011). He has done such a good job that I am a bit concerned if I could do as well as he has done. Nevertheless, Dr. Samran has kindly offered to help me in final editing of the HOT NEWS, so I am sure that I will do a good job after all. We must say big, big thanks for him to what he has done. Also, many thanks to all co-editors including Ms Tong Yulong of the WASWAC Secretariat at the IRTCES, Beijing; Ms. Jaruporn Tosang and Dr. Wanraya Suthumchai from the Land Development Department, Bangkok.

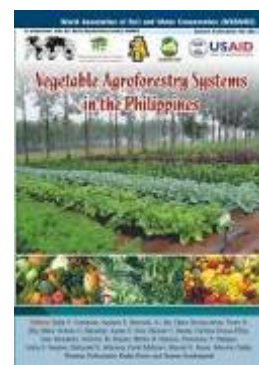
After three and a half months of 2012 have passed, I hope that everyone is fine and enthusiastic to do jobs and pursue daily lives. I am sorry for this late HOT NEWS release. In Thailand, the flood is still a big topic for all relevant organizations to solve such problem of the country. We do hope that the situation will improve in 2012 and we have been happy about Thai New Year (13<sup>th</sup> April) or Water Festival when we had great and lively celebrations across the country.

In January this year, through the generous support and help from Prof. Manuel R. Reyes of North Carolina Agricultural & Technical State University and Prof. Maria Victoria Ortega-Espaldon, Vice Chancellor of University of the Philippines Los Baños (UPLB), Dr. Wanraya and I had a chance to take part in the **launching of the WASWAC Special Publication No. 6b** (*Vegetable Agroforestry Systems in the Philippines*) at the UPLB, Los Baños, the Philippines and had visited several highly learned institutions. On that launching day, January 27, 2012, it was a great event as a reunion of SANREM project personnel (see picture below). The next Special Publication (*Vegetable Agroforestry Systems in Indonesia*) is expected to finish in the middle of 2012.



The launch of the book *Vegetable Agroforestry Systems in the Philippines* at the School of Environmental Science and Management (SESAM) of the University of the Philippines Los Baños (UPLB), Laguna, Philippines, January 27, 2012, 2 PM. [Letter 'A' denotes author]

**From left:** Victor B. Ella (A); Delia C. Catacutan (lead A); Karika Kunta (editor); Wanraya Suthumchai (editor); Victoria Espaldon, A and host of the book launch – also the Vice Chancellor of UPLB for Research & Extension; Miriam R. Nguyen, A and Jean A. Saludadez, A. A seminar with about 30 people took place after the book launch, where the Thai editors presented their work experience in land conservation and management. Then Ms Catacutan gave an overview of the book. The editors continued to CLSU, Muñoz, where they ran the SWAT School of Central Luzon with Prof Nathian Alibuyog (Mariano Marcos State University, Batac, Ilocos Norte) and Prof Annie Melinda Paz-Alberto of the Inst. of Climate Change and Environmental Management (ICCEM) of CLSU, with 35 trainees from various institutions of the Philippines.



Apart from UPLB, the other institutions including BSWM, Philippine Senate, IRRI, PCAARRD, CLSU and PhilRice also kindly hosted us. A major function was done at CLSU, where a SWAT workshop (called **SWAT School of Central Luzon**) was organized by Dr. Annie Melinda Paz-Alberto

(*School Director*) and Dr. Nathaniel Alibuyog (*School Headmaster*); Dr. Wanraya and I took part as participant and facilitator, respectively, and the **SWAT Network of the Philippines** was successfully launched (photos at the bottom). See details about the SWAT School of Central Luzon in the 6-min video: [http://www.youtube.com/watch?v=85pg6\\_zCs0k](http://www.youtube.com/watch?v=85pg6_zCs0k). We appreciate the warm hospitality of all Filipino friends (sorry that we cannot produce a long list here) we met during the 10-day visit and look forward to having further cooperation in soil and water research between our two countries.

So I wish all WASWAC members a pleasant reading and please communicate with us when you have suggestion or comment and hope you will contribute to our publications from time to time, so members will get to know what happens in your area. We look forward to producing good works in WASWAC together with you, thus enabling us to properly manage and care for the natural resources of the world, especially soil and water.

Karika KUNTA, April 2012

Deputy Secretary General of WASWAC

Land Development Department, Bangkok, Thailand [care\\_045@yahoo.com](mailto:care_045@yahoo.com) NOTE: The following link shows a nice social and cultural background of this wonderful country <http://www.youtube.com/watch?v=0jLgbCWOFFVM&feature=related>. A short history is shown in [http://www.youtube.com/watch?v=yVGOgn\\_k1Y&feature=related](http://www.youtube.com/watch?v=yVGOgn_k1Y&feature=related).





## 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**, *please do send* to [ssombatpanit@yahoo.com](mailto:ssombatpanit@yahoo.com); [samran\\_sombatpanit@yahoo.com](mailto:samran_sombatpanit@yahoo.com). Almost everything digital produced from your office can be used and we'll make a good 'bookshelf' for you.

**SWAT book+DVD** can be purchased by contacting representatives in some countries (see the last page) or may order directly from [sombatpanit@yahoo.com](mailto: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](mailto:reyes@ncat.edu), [mannyreyes@nc.rr.com](mailto:mannyreyes@nc.rr.com).

**No-Till Farming Systems & SWAT** books 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, [waswacsecretariat@yahoo.com](mailto:waswacsecretariat@yahoo.com). Members from within China can also send membership fee to him.

Members in **U.S.A.** can buy **NO-TILL FARMING SYSTEMS** book online at <http://www.conservationinformation.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](mailto:ssombatpanit@yahoo.com); [samran\\_sombatpanit@yahoo.com](mailto:samran_sombatpanit@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](mailto:ssombatpanit@yahoo.com) and [samran\\_sombatpanit@yahoo.com](mailto:samran_sombatpanit@yahoo.com) for more information.

**WASWAC Bulletin** No. 27(3) for September - December 2011 (edited by Dr. S.S. Kukal in Ludhiana, India) has already been posted on <http://waswac.soil.gd.cn/>

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## EVENTS

The shown events include conferences, other meetings, courses, etc.

Date and Place	Topic
Year round 2012	<p><b>Spanish and Portuguese versions of the Calendar are available</b></p> <p>Please visit <a href="http://eusoils.jrc.ec.europa.eu/Awareness/calendar2012_PT.html">http://eusoils.jrc.ec.europa.eu/Awareness/calendar2012_PT.html</a></p>
20 <sup>th</sup> -23 <sup>rd</sup> March 2012 FAO Headquarters, Rome, Italy	<p><b>“Towards Global Soil Information: activities within the GEO Task Global Soil Data”</b></p> <p>Joint Global Soil Partnership/e-SOTER workshop </p> <p>More information <a href="http://eusoils.jrc.ec.europa.eu/projects/esoter/Documents/GSP_eSOTER.pdf">http://eusoils.jrc.ec.europa.eu/projects/esoter/Documents/GSP_eSOTER.pdf</a></p>
30 <sup>th</sup> March 2012 London, England	<p><b>“Global Soil Biodiversity Initiative first open meeting”</b></p> <p>The Global Soil Biodiversity Initiative will host its first Open Meeting immediately after the Planet Under Pressure Conference in London, England. We encourage all, including Planet Under Pressure attendees, to join us at the ExCel Center, Friday March 30th 9:00am - 3:00 pm to discuss the future direction of the GSBI.</p> <p>More information <a href="http://eusoils.jrc.ec.europa.eu/InternationalCooperation/GSBI/Documents/GSBI-OpenMeeting-announcement.pdf">http://eusoils.jrc.ec.europa.eu/InternationalCooperation/GSBI/Documents/GSBI-OpenMeeting-announcement.pdf</a></p>
15 <sup>th</sup> -17 <sup>th</sup> May 2012 Izmir, Turkey	<p><b>“Land Degradation and Challenges in Sustainable Soil Management”</b></p> <p>Organizing International Soil Science Congresses is a long established custom of the SSST, the first of which was held in 1998 in İzmir. The Soil Science Society of Turkey and Ege University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition are glad to invite the former ICLD scientific community to this important international event which will combine the science of land degradation and desertification with traditional soil science research, including various topics of interest such as soil genesis, classification, soil physics, chemistry, biology/microbiology and mineralogy, as well as modern techniques of modeling or digital soil mapping.</p> <p>More information <a href="http://www.soilcongress.ege.edu.tr/">http://www.soilcongress.ege.edu.tr/</a></p>
16 <sup>th</sup> -18 <sup>th</sup> May 2012 Dumaguete City, Negros Oriental, The Philippines	<p>15<sup>th</sup> Annual Meeting and Scientific Conference of the Philippine Society of Soil Science and Technology. Contact: Ms Nenita dela Cruz, President</p>
19 <sup>th</sup> -25 <sup>th</sup> May 2012 Chantaburi, Thailand	<p></p> <p><b>“The Seventh International Symposium on Mineral Nutrition of Fruit Crops”</b></p> <p>Welcome to the Seventh 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 (KMITL). The symposium will be held at Chanthaburi, Thailand, during 21-25 May 2012. 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.</p> <p>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.</p> <p>More information <a href="http://www.mnutrition7.kmitl.ac.th/Site/Home.html">http://www.mnutrition7.kmitl.ac.th/Site/Home.html</a></p>

Date and Place	Topic
24 <sup>th</sup> -25 <sup>th</sup> May 2012 Southern Sweden	<b>ISTRO Extra Announcement:</b> CTF working group  Places are available at a two-day workshop and seminar being held in Southern Sweden. Series of seminars, research results and farm visits. For more information, prices and booking, please visit: <a href="http://ctfeurope.dk/2012/se-ctf/">http://ctfeurope.dk/2012/se-ctf/</a> <b>Or contact</b> Dr Blair M McKenzie <a href="http://www.hutton.ac.uk/staff/blair-mckenzie">http://www.hutton.ac.uk/staff/blair-mckenzie</a>
28 <sup>th</sup> May-2 <sup>nd</sup> June 2012 Ohrid, Republic of Macedonia	<b>"Fifth International Conference BALWOIS 2012 on Water, Climate and Environment"</b>  The purpose of the conference is to provide a solutions-based forum and to exchange information regarding research activities and plans for studying the relationship between climate and environment changes and human activities with specific focus on water related matters. Attendees will include scientists, engineers, managers, legislators, NGO representatives and policy makers involved in water, climate and environment related matters.  BALWOIS 2012 is a platform for creating partnerships in solving water scarcity problems, floods, droughts, environmental degradation and risk affecting different regions by facilitating the sharing of experiences through the presentation of scientific and technical papers and posters on planning research and development activities. <a href="http://www.Balwois.com/2012">More information</a> <a href="http://www.Balwois.com/2012">www.Balwois.com/2012</a>
1 <sup>st</sup> -3 <sup>rd</sup> June 2012 Iași, Romania	<b>Dear colleagues,</b> I am pleased to inform you that the Faculty of Geography and Geology ( <a href="http://www.geo.uaic.ro">www.geo.uaic.ro</a> , <a href="http://www.geography.uaic.ro">www.geography.uaic.ro</a> ) of "Al. I. Cuza" University, from Iași, Romania is going to organise the <b>7th edition of the international Symposium "Present Environment and Sustainable Development"</b> . The symposium will be held at Faculty of Geography and Geology of "Al. I. Cuza" University, from Iași, Romania. Sections will contain also cities environmental problems and atmospheric environment, urban climate and air pollution, and climate change. We should be grateful if you could make known this event at your University/Institution to be in attention for interested persons. If you want to participate, please complete the application form and submit by <b>15th of May, to the organisers</b> . For details, you can find information in the second circular, in the 11-13 of May, or can address to organisers. The papers will be published in the review "Present Environment and Sustainable Development", indexed in the most important international database ( <a href="http://www.pesd.ro">www.pesd.ro</a> ). Prof. Liviu Apostol Ph.D. Tel. 0040232201484, tel/fax 0040233223974, mobile 0040744569344, E: <a href="mailto:apostolliv@yahoo.com">apostolliv@yahoo.com</a>
20 <sup>th</sup> -22 <sup>nd</sup> June 2012 Rio de Janeiro, Brazil	<b>"Earth Summit 2012" (Rio + 20)</b> <a href="http://www.earthsummit2012.org">More information</a> <a href="http://www.earthsummit2012.org">www.earthsummit2012.org</a>
26 <sup>th</sup> -29 <sup>nd</sup> June 2012 Dundee, Scotland	<b>"International Society for Root Research"</b>  The eighth symposium of the International Society of Root Research (ISRR), to be held in summer of 2012 in Dundee, UK, will mark the 30th anniversary of the Society's founding and its first meeting in the UK. <a href="http://www.rootresearch.org">More information</a> <a href="http://www.rootresearch.org">www.rootresearch.org</a>
15 <sup>th</sup> July 2012 Marrakech, Morocco	<b>CALL FOR PAPERS</b>  <b>"Global Environmental Change and Human Security: The need for a New Vision for Science, Policy and Leadership"</b> <a href="http://www.nrcc-center.org/scientific-events/gecs-2012/">More information</a> <a href="http://www.nrcc-center.org/scientific-events/gecs-2012/">http://www.nrcc-center.org/scientific-events/gecs-2012/</a>
22 <sup>th</sup> -25 <sup>th</sup> July 2012 Fort Worth, TX, USA	<b>"67<sup>th</sup> Annual SWCS International Conference (Choosing Conservation: Considering Ecology, Economics and Ethics)"</b>  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.  <a href="http://www.swcs.org/index.cfm?nodeID=34487&amp;audienceID=1">More information</a> <a href="http://www.swcs.org/index.cfm?nodeID=34487&amp;audienceID=1">http://www.swcs.org/index.cfm?nodeID=34487&amp;audienceID=1</a>
23 <sup>rd</sup> -27 <sup>th</sup> July 2012 Vancouver, Canada	<b>"The Use of Vegetation to Improve Slope Stability"</b> <a href="http://inbe.cirad.fr">More information</a> <a href="http://inbe.cirad.fr">http://inbe.cirad.fr</a>
23 <sup>rd</sup> -27 <sup>th</sup> July 2012 Vienna, Austria	<b>"Joint FAO/IAEA International Symposium on Managing Soils for Food Security and Climate Change Adaptation and Mitigation"</b> , Contact M. Nguyen <a href="mailto:M.Nguyen@iaea.org">M.Nguyen@iaea.org</a>

Date and Place	Topic
<p>11<sup>th</sup>-12<sup>th</sup> August 2012 Chendu, China</p>	<div data-bbox="493 230 1053 423">  </div> <p><b>“2012 International Debris-Flow Workshop”</b></p> <p>The 2010 International Debris Flow Workshop was held by the Institute of Mountain Hazards and Environment, CAS, on November 27-28th, 2010 in Chengdu. Theme of this series of workshop is "Debris-Flow Hazards Mitigation and International Cooperation".</p> <p>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. This is the second International Debris Flow Workshop, with the first having been held in 2010. Contact Aaron Guo at <a href="mailto:mhsp@imde.ac.cn">mhsp@imde.ac.cn</a></p> <p><u>More information</u> <a href="http://english.imde.cas.cn/ns/ue/201110/t20111010_76014.html">http://english.imde.cas.cn/ns/ue/201110/t20111010_76014.html</a></p>
<p>24<sup>th</sup>-26<sup>th</sup> September 2012 Dresden, Germany</p>	<p><b><u>CALL FOR PAPERS</u></b></p> <p><b>“International Conference on Managing Protected Areas under Climate Change”</b></p> <p>Climate Change and anthropogenic activities are challenging European habitats and their management. Especially protected areas are confronted with the pressing need to monitor changes, adapt management strategies and consider flexible responses to future developments. IMPACT sets out to meet the growing need for sharing knowledge and experiences in the field of biodiversity conservation and climate change. Taking a transdisciplinary perspective, the aim of the conference is to bring together researchers, conservation managers and decision-makers in the field of nature conservation. It provides a platform for dialogue to develop a better understanding of the complex impacts of climate change on biodiversity on local level and the means to adapt management in protected areas accordingly. We anticipate 150 international participants to enjoy two days of technical sessions, workshops, poster exhibits and social activities, and one day of excursions.</p> <p><u>More information</u> <a href="http://www.habit-change.eu/index.php?id=200">http://www.habit-change.eu/index.php?id=200</a></p>
<p>24<sup>th</sup>-28<sup>th</sup> September 2012 Montevideo, Uruguay</p>	<p><b><u>CALL FOR PAPERS</u></b></p> <p><b>“19TH ISTRO CONFERENCE (International Soil Tillage Research Organization) and the IV SUCS Meeting (Uruguayan Soil Science Society)”</b></p> <p>It would be an honor for Uruguay and our region to host these events. We would like our colleagues from around the world to see our land, pastures and crops, visit our neighboring countries (Argentina and Brazil), and experience the culture and hospitality in this part of the world. We envision this Conference will gather top specialists in the field from all around the world to present and discuss their research. <b>Deadline for paper submission: 30 April 2012.</b></p> <p><u>More information</u> <a href="http://www.congresos-rohr.com/istro2012/webs/htm/invitation.html">http://www.congresos-rohr.com/istro2012/webs/htm/invitation.html</a></p>
<p>28<sup>th</sup>-30<sup>th</sup> November 2012 Chiang Mai, Thailand</p>	<p><b>“Scientific Workshop on Sustainable Land Management to Enhance Food Production of APEC Members” (by invitation)</b></p> <p>Consequences of climate change such as unusual drought and flood are threatening the world’s population with severe food shortages, as well as in APEC economies. One of main factors weakening food production is land degradation caused by lack of soil database, over land-utilization, non suitable land use, etc. Therefore, Sustainable Land Management (SLM) is crucial to certify food security for present and next generations.</p> <p>APEC members assembly on this issue will strengthen the land capacity of sustainable food production to meet future APEC demands. Thus, the scientific workshop on SLM to enhance food production of APEC member is proposed to be organized by the Land Development Department (LDD), Thailand. This workshop will include oral presentations of APEC delegations, discussion on relevant topics, and site visits. Moreover, the proposed workshop is expected to establish technology and knowledge transfer and cooperation on food security within APEC.</p>



Date and Place	Topic
10 <sup>th</sup> -15 <sup>th</sup> December 2012 Hanoi, Vietnam	<p><b>“The 3rd international conference on Conservation Agriculture in South East Asia”</b></p> <p>CIRAD and NOMAFSI as part of the Conservation Agriculture Network for Southeast Asia (CANSEA) and the University of Queensland are delighted to invite scientists, development and extension workers, policy-makers, and graduate / post-graduate students to attend and contribute to the 3rd International Conference on Conservation Agriculture in Southeast Asia which will be held in Hanoi, Vietnam on 10th-15th December 2012. Conference title is :</p> <p>"Conservation Agriculture and Sustainable Upland Livelihood: Innovations for, with and by Farmers to Adapt to Local and Global Changes".</p> <p><u>More information</u> <a href="http://www.conservation-agriculture2012.org">www.conservation-agriculture2012.org</a></p>
26 <sup>th</sup> -28 <sup>th</sup> December 2012 Ho Chi Minh City, Vietnam	<p><b>“MIWAI 2012” Ho Chi Minh City, Vietnam</b></p> <p>I would like to take the opportunity to extend an invitation to you and your colleagues to make plan to participate in The 6th Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI 2012) is scheduled to take place in Ho Chi Minh City, Vietnam, December 26-28, 2012.</p> <p>MIWAI 2012 is being organized by <a href="#">Nong Lam University – Ho Chi Minh City, Vietnam</a> , Ho Chi Minh City University of Technology, Vietnam, Ho Chi Minh University of Natural Resources and Environment, Vietnam, Maharakham University, Thailand, and University of Hyderabad, India. The 5th Multi-disciplinary International Workshop on Artificial Intelligence (MIWAI 2011) was successfully held in University of Hyderabad, India in December 07-09, 2011.</p> <p>The MIWAI-2012 invites papers on advances in AI techniques and related fields, e.g. GIS, neural networks, decision trees, genetic algorithms, fuzzy logic, etc., for climate change. Of course, papers in other areas of AI are also welcome as usual. We do hope that the works presented in the workshop will not only provide observation and recommendations, but also help the community to bestow better problem solvers in the area at the same time.</p> <p>For the MIWAI 2012 conference brochure, please write to Nguyen Kim Loi at <a href="mailto:nguyenkimloi@gmail.com">nguyenkimloi@gmail.com</a> and <a href="mailto:qttho@cse.hcmut.edu.vn">qttho@cse.hcmut.edu.vn</a>. Paper can be submitted through <a href="https://www.easychair.org/account/signin.cgi?conf=miwai2012">https://www.easychair.org/account/signin.cgi?conf=miwai2012</a></p> <p><b>General Co-Chairs:</b> Nguyen Kim Loi <i>and</i> Chattrakul Sombattheera</p> <p>*****</p> <p>Nguyen Kim Loi, Ph.D. Associate Professor, Director of Research Center for Climate Change (RCCC) Associate Dean for Research and International Relations Faculty of Environment and Natural Resources Head, Department of Applied Geomatics, Nong Lam University, Ho Chi Minh City, VIETNAM Tel: +848-37242522 Handphone: +84(0)989617328 Fax: +848-38960713</p>
May 11-13, 2013 Bangkok, Thailand	<p><b>“SWAT SEA III” Workshop</b> (More information in the next HOT NEWS)</p>
14 <sup>th</sup> -18 <sup>th</sup> May 2013 Bangkok, Thailand	<p><b>“The International Conference on “Threats to Land and Water Resources in the 21<sup>st</sup> Century: Prevention, Mitigation and Restoration” and the Second Councilor Meeting of WASWAC (LANDCON 1305)”</b> (More information in the next HOT NEWS)</p> <p>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. Fortunately, the increasing attention has been paid in combating land degradation all over world, as witnessed at the 1<sup>st</sup> WASWAC World Conference (WASWAC WC) 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 50<sup>th</sup> Anniversary Celebration. Contact: <a href="mailto:samran_sombatpanit@yahoo.com">samran_sombatpanit@yahoo.com</a>, <a href="mailto:sukvibool@hotmail.com">sukvibool@hotmail.com</a>, <a href="mailto:care_045@yahoo.com">care_045@yahoo.com</a></p>
4 <sup>th</sup> -15 <sup>th</sup> July 2013 Medellin, Colombia	<p><b>19<sup>th</sup> ISCO (International Soil Conservation Organization) Conference</b></p> <p><u>More information</u> <a href="http://tucson.ars.ag.gov/isco/index.php">http://tucson.ars.ag.gov/isco/index.php</a></p>
18 <sup>th</sup> -20 <sup>th</sup> November 2013 Kampala, Uganda	<p><b>“6<sup>th</sup> International Nitrogen Conference (N2013)”</b></p> <p><u>More information</u> <a href="http://www.N2013.org">www.N2013.org</a> and contact Dr. Crammer K. Kaizzi (<a href="mailto:kckaizzi@gmail.com">kckaizzi@gmail.com</a>)</p>

**1. CTIC SEEKS PROJECT DIRECTOR**

CTIC invites experienced project managers to consider joining the CTIC team.

CTIC project directors lead grant-funded projects, manage budgets and assume responsibility for all project-related paperwork. He/she will follow an existing work plan and strive to achieve project goals within the defined timeframe. In addition, the project director provides important in-house technical expertise and helps to answer questions from members and partners.

More information: <http://ctic.org/resourcedisplay/486/>

**2. VACANCY POSITIONS AT Silver Spring College, UK.**

With an increased number of intakes per year, more structures and improved learning environment, increase in the total amount of research grants received by the institution annually, Silver Spring College UK wish to announce job openings in the following fields; Arts, Biological Sciences, Engineering, Medical and Health Sciences, Social Sciences, Agriculture and Administrative Staff.

**CURRENT STAFF VACANCIES**

1. Assistant Lecturer
2. Senior Lecturers
3. Lecturer I
4. Lecturer II
5. Associate Professors and Doctors
6. Professors
7. Technologist I
8. Technologist II
9. Administrative Staff and researchers in the a fore mentioned fields.

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- . Excellent educational assistance benefits for family status employment.
- . Personal effects shipment and excess baggage and travel allowances.
- . Full access to some of the finest and social recreational facilities in UK.

Contract duration:

Level 1: 2-5yrs experience, (5 Years duration) and renewable only on satisfactory performance by employee.

Level 2: 6yrs and above (10years duration) or Full time interested candidates must have not less than 3-6 years experience in any of the above listed fields. Interested applicants should apply by submitting their curriculum vitae (CV)/Resumes, scanned and sent as attachment to the recruitment officers email. Only short listed qualified candidates will be called for interview.

All CV/Resume must be received before April 30<sup>th</sup>, 2012. Please note that after this date, any CV/Resume submitted would be disregarded.

Interested candidates are also required to contact our local Office strictly for the purpose of this vacancy AND QUOTING THE JOB REF NUMBER: SSC/576874/UK/o12



For more information:

Dr. Mathew Winifred  
International Recruitment Office,  
Silver Spring College, UK  
College Green, Waterloo, London, SE19 3PN  
Email: m.winifred@aol.co.uk

**3. Senior Project Manager: Integrated Landscape Management and Capacity Development**

Review of applications will commence on May 1, 2012 and continue until the position is filled.

For more information: <http://ecoagriculture.org/announcements.php?id=646>

**4. COMMUNICATIONS DIRECTOR**

The CTIC communications director will develop, deliver and monitor programs, messages and materials to promote conservation agriculture. He/she will communicate regularly with, among others, federal, state and local government agencies; agriculture industry, media and associations; conservation groups and watershed partnerships. This position will also be responsible for grant-funded projects that involve technology transfer, publications, information dissemination, media relations or other communication-related outcomes.

The CTIC office is located in West Lafayette, Indiana, in the Purdue Research Park.

For more information:

Amber Gritter  
Administrative Assistant  
Conservation Technology Information Center  
3495 Kent Avenue, Suite J100  
West Lafayette, IN 47906  
[gritter@ctic.org](mailto:gritter@ctic.org)

**6. PROJECT DIRECTOR**

CTIC project directors lead grant-funded projects, manage budgets and assume responsibility for all project-related paperwork. He/she will follow an existing work plan and strive to achieve project goals within the defined timeframe. In addition, the project director provides important in-house technical expertise and helps to answer questions from members and partners.

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Administrative Assistant  
Conservation Technology Information Center  
3495 Kent Avenue, Suite J100  
West Lafayette, IN 47906  
[gritter@ctic.org](mailto:gritter@ctic.org)

## SCHOLARSHIPS

### 1. Fulbright NEXUS Regional Scholar Program

The Fulbright Regional Network for Applied Research (NEXUS) Program will bring together a network of junior scholars, professionals and mid-career applied researchers from the United States and other Western Hemisphere nations for a series of three seminar meetings and a Fulbright exchange experience.

For more information: <http://www.cies.org/NEXUS/>

## GRANTS and AWARDS

### 1. NICOLE Technology Award “Innovative Solutions for Soil Monitoring”.

Call for an Award: the award is open to individuals or groups of people. Entries from junior academics in universities or consultancy are especially welcome. Entries will be judged on innovation, potential contribution to cost saving, technical applicability and plans for communication and market availability.

For more information:

<http://eussoils.jrc.ec.europa.eu/utilities/Announcements/TechnologyAward2012.pdf>

Or contact [panos.panagos@jrc.ec.europa.eu](mailto:panos.panagos@jrc.ec.europa.eu) , [marc.van-liedekerke@jrc.ec.europa.eu](mailto:marc.van-liedekerke@jrc.ec.europa.eu)

## PARTNERSHIP

### 1. A PARTNER OF THE GLOBAL SOIL PARTNERSHIP (GSP)

On the basis of the recommendation of FAO's High-Level External Committee (HLEC) on the Millennium Development Goals to the Director-General (13-14 October 2009) and the discussions and conclusions from the 22nd Committee on Agriculture (COAG) on the 16th-19th of June 2010, preparatory activities have been initiated to develop a vision statement, strategy and action plan towards the establishment of a Global Soil Partnership (GSP) for Food Security and Climate Change Adaptation and Mitigation.

As information on this new initiative of FAO is spreading to the numerous stakeholders in the world, expectations on this new partnership are growing. There is a clear perception by many institutions and stakeholders at global, national and local level that such a partnership is urgently needed. The renewed recognition of the central role of soil resources for assuring food security and the increased awareness that soils play a fundamental role in climate change adaptation and mitigation has triggered numerous projects, initiatives and actions that need an increased effort of coordination and partnership in order to avoid un-necessary duplication of efforts and waste of resources, especially in times of substantial budget restrictions. The added value of the GSP in developing synergies and cost savings among the various existing networks and programs will assure that the partnership receives the necessary support and endorsement by all major players and stakeholders.

For more information: <http://eussoils.jrc.ec.europa.eu/InternationalCooperation/GSP/>



## SOIL Action Newsletter - European Soil Portal:

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

No 37 (January 2012)

### Joint Global Soil Partnership/e-SOTER workshop

Strengthening of Soil Data and Information is one of the main pillars of action of the FAO Global Soil Partnership. Knowing the state of the art of Global soil data and information for serving different users demands is a crucial activity. This will then allow the global community to develop a coordinated joint plan of action for generating the required data and information in the coming future. Is in this regard that the Global Soil Partnership together with the EU-funded e-SOTER Project (coordinated by ISRIC) are organizing a one week workshop "Towards Global Soil Information: activities within the GEO Task Global Soil Data" at FAO Headquarters in Rome, Italy from 20-23rd March 2012.



### Global Soil Biodiversity Initiative first open meeting

The Global Soil Biodiversity Initiative will host its first Open Meeting immediately after the Planet Under Pressure Conference in London, England. We encourage all, including Planet Under Pressure attendees, to join us at the ExCel Center, London(UK), Friday March 30th 9:00am - 3:00 pm to discuss the future direction of the GSBI. We are particularly interested in your input during a working session where we will identify examples of why soil biodiversity matters, identify the available data that supports these examples, and determine the priorities for next steps for the Initiative.



<http://eusoils.jrc.ec.europa.eu/InternationalCooperation/GSBI/Documents/GSBI-OpenMeeting-announcement.pdf>

### Spanish and Portuguese version of the Calendar are available

**ES:** Este calendario, y el "Atlas del Suelo de América Latina y Caribe" del que surge, son iniciativas en el marco del Programa EUROCLIMA, que tiene como objetivo fomentar la cooperación entre América Latina y la Unión Europea en materia de cambio climático.

**PT:** Este calendário e o correspondente Atlas de Solos da América Latina e do Caribe são iniciativas do Programa EUROCLIMA, que busca fortalecer a cooperação entre a América Latina e a União Europeia nas questões relacionadas às mudanças climáticas.



### Work Programme 2012

Policy Implementation: The Work Programme 2012 for SOIL Action is Available. 2012 deliverables and objectives of the Action are described.

[http://eusoils.jrc.ec.europa.eu/library/jrc\\_soil/WP/WP2012.pdf](http://eusoils.jrc.ec.europa.eu/library/jrc_soil/WP/WP2012.pdf)

### REACTIF - Research on climate change mitigation options for agriculture and forest

**Call for proposal:** The goals of this research are to increase knowledge on how agriculture and forest can contribute to climate change mitigation. The 3 following scales are included: (i) processes (know more about emission/sequestration of GHG in agriculture and forest), (ii) evaluation of production systems (how to integrate climate into evaluation schemes as LCA) and a (iii) territorial design (how to organise agriculture and forest at local scales to mitigate climate). Soil is a crucial compartment at any of those scales (e.g C stocks, N emissions, effects of practices).

<http://eusoils.jrc.ec.europa.eu/Utilities/calls/Documents/Reactif.pdf>

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**Questions or Comments?** E-mail us at [panos.panagos@jrc.ec.europa.eu](mailto:panos.panagos@jrc.ec.europa.eu), [marc.vanliedekerke@jrc.ec.europa.eu](mailto:marc.vanliedekerke@jrc.ec.europa.eu) or call us 0039-0332-785574, 0039-0332-785179



European Soil Portal: <http://eusoils.jrc.ec.europa.eu>

#### Update on the Soil Thematic Strategy

The implementation of the Soil Thematic Strategy and ongoing activities COM(2012) 46.

Some five years after the adoption of the Soil Thematic Strategy, on 13 February 2012 the European Commission published a policy report on the implementation of the Strategy and ongoing activities (COM(2012) 46). The report provides an overview of the actions undertaken by the European Commission to implement the four pillars of the Strategy, namely awareness raising, research, integration, and legislation. It underlines that at the March 2010 Environment Council a minority of Member States blocked further progress on the proposed Soil Framework Directive and that the proposal remains on the Council's table.



Available in all EU official languages: [http://ec.europa.eu/environment/soil/three\\_en.htm](http://ec.europa.eu/environment/soil/three_en.htm)

#### The State of Soil in Europe

A contribution of the JRC to the European Environment Agency's Environment State and Outlook Report - SOER 2010. This Reference Report uses data from the European Soil Data Centre (ESDAC), managed on behalf of EU institutions by the JRC. The information also helps European citizens to better understand, care for and improve Europe's environment. The soil assessment was one of a set of 13 Europe-wide thematic assessments of key environmental themes.



#### Updated Global Carbon Map

The updated global carbon map improves upon the rather coarse data on soil carbon (IGBP-DIS 2000) that were used in UNEP-WCMC's Carbon and biodiversity: a demonstration atlas (Kapos et al. 2008). A global map of estimated soil carbon stocks to 1m depth was generated based on the soil organic carbon and bulk density values included in the HWSD (FAO/IIASA/ISRIC/ISS-CAS/JRC 2009).



#### Conference 'Soil remediation and soil sealing'

The Environment Directorate-General of the European Commission will host a high-level conference on 'Soil remediation and soil sealing' in Brussels (Belgium) on 10-11 May 2012. The conference objective is to highlight the importance of tackling soil contamination at an early stage and the opportunities that that offers to the European remediation industry. At the conference the Commission will present its Soil Sealing Guidelines, which are being finalised. The participation to the conference is free of charge but will be limited to 400 people on a first-come-first-served basis (Registration OPEN).

[http://ec.europa.eu/environment/soil/conference\\_may2012.htm](http://ec.europa.eu/environment/soil/conference_may2012.htm)

The following two events are organized with the support of the Joint Research Center of European Commission:

The International Soil Science Congress on "**Land Degradation and Challenges in Sustainable Soil Management**", 15-17 May 2012, Cesme-Izmir-TURKEY

<http://soilcongress.ege.edu.tr/>

**7th European Congress on Regional Geoscientific Cartography and Information Systems**, Bologna (Emilia-Romagna, Italy) on 12-15 June 2012.

<http://ambiente.regione.emilia-romagna.it/geologia-en/temi/euregeo2012/7th-european-congress-on-regional-geoscientific-cartography-and-information-systems>

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**European Soil Portal:** <http://eusoils.jrc.ec.europa.eu>

### Global Soil Organic Carbon Estimates

Organic carbon density (t ha<sup>-1</sup>) datasets for the topsoil (0 – 30cm) and the subsoil layer (30 – 100cm) from the amended HWSD are made available to the public users. The Global Soil Organic Carbon estimates are available in 2 different grid resolutions (ZIP compression): a) Raster layer with resolution of 30 arc second (which corresponds to a grid size of approx. 1km x 1km at the Equator) and b) Raster layer with resolution of 5 arc minute (which corresponds to a grid size of approx. 9km x 9km at the Equator). The data are in Idrisi format. They are **freely available upon request**.



[http://eusoils.jrc.ec.europa.eu/ESDB\\_Archive/octop/Global.html](http://eusoils.jrc.ec.europa.eu/ESDB_Archive/octop/Global.html)

### Global Soil Organic Carbon Estimates and the Harmonized World Soil Database

Global estimates of soil organic carbon stocks have been produced in the past to support the calculation of potential emissions of CO<sub>2</sub> from the soil under scenarios of change land use/cover and climatic conditions (IPCC, 2006), but very few global estimates are presented as spatial data. For global spatial layers on soil parameters, the most recent and complete dataset is available as the Harmonized World Soil Database (HWSD). The amended HWSD was compared to data from 4 other global data sets on SOC stocks. The comparative evaluation has demonstrated that bulk density is the most important factor for estimating SOC stocks and mainly responsible for the differences between estimates.



[http://eusoils.jrc.ec.europa.eu/ESDB\\_Archive/eu soils\\_docs/Other/EUR25225.pdf](http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eu soils_docs/Other/EUR25225.pdf)

### Upsoil Press Release

FP7 Project: The project Sustainable Soil Upgrading by Developing Cost effective, Biogeochemical Remediation Approaches (project acronym UPSOIL) is a Collaborative Project carried out under the 7th Framework programme, Theme 6 "Environment (including climate Change)" by an international consortium composed of research institutions and SMEs from the remediation sector. [More...](#)



[http://eusoils.jrc.ec.europa.eu/projects/upsoil/UPSOIL\\_Press\\_Release\\_December\\_2011.pdf](http://eusoils.jrc.ec.europa.eu/projects/upsoil/UPSOIL_Press_Release_December_2011.pdf)

### Trainee in "Soil Atlas of Latin America" plus other vacant posts

Call for interest for Trainees: The SOIL Action is compiling a new Soil Atlas of Latin America as part of the EUROCLIMA programme of the European Commission. The successful candidate will be in charge of the final editing and publication of this new major reference atlas for Latin America. More other vacancies are also available in various units in the Institute for Environment and Sustainability (**Deadline: 12/4/2012**). Information on how to apply: <http://ies.jrc.ec.europa.eu/Job-opportunities/open-calls/call-for-trainees.html>

### NICOLE Technology Award "Innovative solutions for soil monitoring"

Call for an Award: The award is open to individuals or groups of people. Entries from junior academics in universities or consultancy are especially welcome. Entries will be judged on innovation, potential contribution to cost savings, technical applicability and plans for communication and market availability,



<http://eusoils.jrc.ec.europa.eu/utilities/Announcements/TechnologyAward2012.pdf>

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## NEW BOOKS

**Title** :: Human Rights to Environment in India  
**Author** :: Mohd. Sharif Uddin  
**ISBN** :: 81-8324-382-7  
**Price** :: Rs. 895.00  
**Year** :: 2012  
**Publisher** :: Mittal Publications®  
[www.mittalbooks.com](http://www.mittalbooks.com)



### New Books - MITTAL PUBLICATIONS®

 <p><b>International Encyclopaedia of Fishery Science and Technology</b>            M.R. Saravanan &amp; K.K. Santhianam—2008  <b>Rs. 9000 (set of 10 vols.)</b> [81-8293-055-3]</p>	 <p><b>International Encyclopaedia of Agricultural Science and Technology</b>            G. Sethuraman &amp; S. Naidu—2008  <b>Rs. 6000 (set of 8 vols.)</b>            [81-8324-219-7] (Series)</p>
 <p><b>Politics and Administration in India</b>            —Retrospective Survey            S.K. Sharma &amp; Usha Sharma—2008  <b>Rs. 5500 (set of 5 vols.)</b>            [81-8324-135-2]</p>	 <p><b>International Encyclopaedia of Himalayas</b>            Ramesh Chandra Bisht—2008  <b>Rs. 4000 (set of 5 vols.)</b>            [81-8324-265-0] (series)</p>
 <p><b>Encyclopaedia of Textiles</b>            P.V. Vidyasagar—2010  <b>Rs. 3000 (set of 5 vols.)</b>            [81-7099-751-8]</p>	 <p><b>Encyclopaedia of Guidance &amp; Counselling</b>            K.S. Lakshmi—2010  <b>Rs. 2400 (set of 4 vols.)</b>            [81-7099-757-7]</p>
 <p><b>Micro-Finance and Women Empowerment</b>            Rais Ahmad—2009  <b>Rs. 3200 (set of 3 parts)</b>            [81-8324-289-8]</p>	 <p><b>Globalisation and Economic Development</b>            Rais Ahmad—2009  <b>Rs. 3000 (set of 3 parts)</b>            [81-8324-288-X]</p>
 <p><b>Globalizing Academic Libraries</b>            —Vision 2020 (2 parts)            International Conference on Academic Libraries—2010  <b>Rs. 2050 (set)</b>            [81-8324-339-8]</p>	 <p><b>Managerial Leadership</b>            Bhuvan Gili—2009  <b>Rs. 2100 (set of 2 vols.)</b>            [81-8324-163-2]</p>
 <p><b>Gazetteer of South India</b>            W. Francis et al.—2010  <b>Rs. 1000 (set of 2 vols.)</b></p>	 <p><b>The Tutsa Tribe of North East India</b>            N.S. Rao—2010  <b>Rs. 1800 (set of 2 parts)</b>            [81-8324-327-4]</p>
 <p><b>Co-operative Management &amp; Development</b>            —Text and Cases            Rais Ahmad—2009  <b>Rs. 2700 (set of 3 parts)</b>            [81-8324-286-3]</p>	

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Pronunciation: /i-ˈky{uuml}/

Function: n

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**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**



## LANDCON Series of Meetings\*

No.	Meeting topic	Place	Time
1209	A conference organized by Prof Miodrag Zlatic in Belgrade, Serbia	Belgrade, Serbia	September 2012
1305	2nd WASWAC World Conference and Council Meeting, Contact Chinnapat Sukvibool at <a href="mailto:sukvibool@hotmail.com">sukvibool@hotmail.com</a>	Bangkok, Thailand	May 14-18, 2013

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 [care\\_045@yahoo.com](mailto:care_045@yahoo.com) or click <http://waswac.soil.gd.cn/constidecentra.html> & <http://waswac.soil.gd.cn/package.html>.

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

(Please ask [samran\\_sombatpanit@yahoo.com](mailto:samran_sombatpanit@yahoo.com) if in doubt; for China, ask Dr Du Pengfei [dupf@iwhr.com](mailto:dupf@iwhr.com)).

**1.** IM (Individual membership): US\$20 for 5 years for developing countries (In China, members pay 130 yuan RMB; in Thailand, members pay Thai Baht 600); US\$40 for 5 years for developed countries and persons working in international organizations worldwide.

**2.** LM (Life membership): US\$80 for developing countries (In China, members pay 520 yuan RMB; In Thailand, members pay Thai Baht 2,400); US\$160 for developed countries and persons working in international organizations worldwide. *Persons who have passed their 60<sup>th</sup> birthday pay only half of these LM rates.*

**3-1.** OM (Organization membership): 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 **BUT from their coordinator**: \$100/year for an organization with up to 150 persons; \$150/year for an organization with up to 300 persons; \$200/year for an organization with up to 500 persons; and \$10/year for an additional 100 persons or part thereof.

**3-2.** OS (Organization subscriber): is the same as the Organization membership but the organization wants to limit its involvement only as a subscriber.

**3-3.** OC (Organization cooperator): 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 year.

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

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

**WORLDWIDE:** Dr. Liu Xiaoying, WASWAC Treasurer, c/o IRTCES, No. 20 Chegongzhuang Road West, Beijing 100048, China. Tel: +86 10 68786413; Fax: +86 10 68411174; E-mails: [liuxy@iwhr.com](mailto:liuxy@iwhr.com); [waswacsecretariat@yahoo.com](mailto:waswacsecretariat@yahoo.com); Money can be sent through **Check**, **Bank Draft**, **Bank Transfer (by wire)** and **WESTERN UNION**. Ask Dr Xiaoying Liu [liuxy@iwhr.com](mailto:liuxy@iwhr.com) if you have any problem.

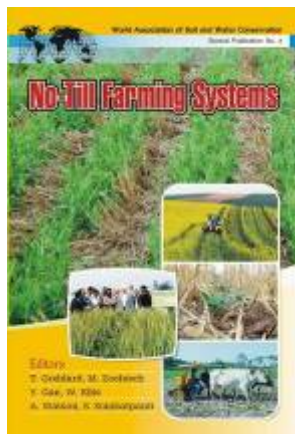
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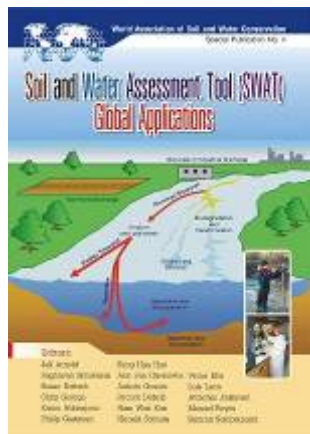
**And please write on the Bank Sheet:** WASWAC Membership due for Ms./Mrs./Mr./Prof./Dr. , Country .....

**NOTE:** **1.** DO NOT write the word 'WASWAC' in your remittance document, as it will cause a problem, since this is a private temporary account. **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 Beijing. **4.** This additional charge does not apply for **WESTERN UNION** or any payment of US\$50 or more.

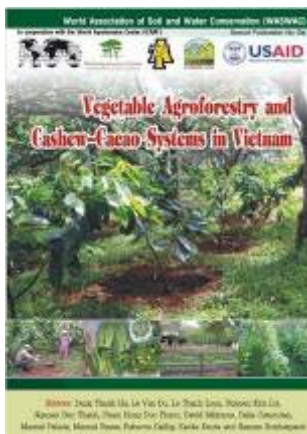
**FOR THAILAND (from applicants in Thailand only):** Karika Kunta, Land Development Dept., Chatuchak District, Bangkok 10900, Thailand. Savings A/C No. 256-210171-8 Siam Commercial Bank (Tops Central Lat Phrao Branch) [care\\_045@yahoo.com](mailto:care_045@yahoo.com)



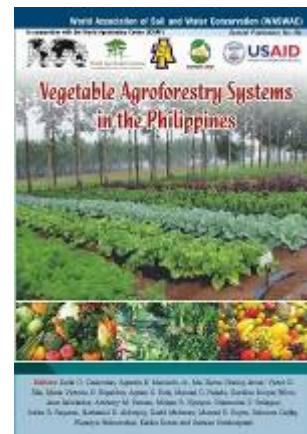
SP 3 (2008)



SP 4 (2009)



SP 6a (2011)



SP 6b (2012)

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

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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.

# All it takes for water Monitoring and Data Network

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