



WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION

HOT NEWS

Issue 03, 2015



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Cover photo: Soil Conservation Treasures in Ansai, Shaanxi Province, China.

Editors: Ms. Mao Juan, Contributors include Prof. Li Rui, Dr Amir Kassam, Panos Panagos, and Dr. Du Pengfei.



IRTCES Building

(Where the Secretariat of WASWAC is located)

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WASWAC Website: www.waswac.org

Last Call of Paper Submission for the International Youth Forum of Soil and Water Conservation (IYFSWC)

The International Youth Forum of Soil and Water Conservation (IYFSWC) will be held on 16-18 October, 2015 in Nanchang, China. During the Forum, the International Outstanding Youth Paper Award (IOYPA) will be launched.

So far, a number of abstracts have been received by the organization of forum. We are here to remind that the deadline for full paper is May 31, 2015, please submit your full paper by that time to us to avoid any problems during the process of evaluation.

During the Forum, WASWAC will launch the Outstanding Youth Paper Award to encourage young scientists to contribute to soil and water conservation research. The award consists of a Certificate from the WASWAC and a \$1000 (USD) honorarium. The paper will be published in the International Soil and Water Conservation Research.

(<http://www.journals.elsevier.com/international-soil-and-water-conservation-research/>)

During your preparation, any problems or questions please contact

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Ms. Wang, Yue +86-791-88179397 15870607879

IYFSWC website: <http://iyfswc.nit.edu.cn>

The deadline (May 31, 2015) for application is fast approaching, please submit your full paper as soon as possible. We will be very pleased to meet you in beautiful Nanchang, China, in this coming October!

ISWCR REAL-TIME PUBLICATION ON LINE

<http://www.journals.elsevier.com/international-soil-and-water-conservation-research/>

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International Soil and Water Conservation Research

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Peer review under responsibility of IRTCES and CWPP.

The *International Soil and Water Conservation Research (ISWCR)*, the official journal of World Association of Soil and Water Conservation (WASWAC) www.waswac.org, is a multidisciplinary journal of soil...

[View full aims and scope](#)

Advisor: Winfried Blum, Samir El-Swaify, Rattan Lal, Eric Roose, Guofang Sheng, Samran Sombatpanit, Honglie Sun, Keli Tang, Des E. Walling, Lixian Wang, Hong Wang, Zheng Du

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Recent Articles

ScienceDirect

Comparing the impacts of mature spruce forests and grasslands on snow melt, water resource recharge, and run-off in the northern boreal environment
Jiří Kremsa | Josef Křeček | ...

Indicators for the definition of land quality as a basis for the sustainable intensification of agricultural production
Jasmin Schiefer | Georg J. Lair | ...

Emerging pollutants in the environment: A challenge for water resource management
Violette Geissen | Hans Mol | ...

[VIEW ALL](#)

MEETINGS

ISCO 18



International Soil Conservation Organization (ISCO) is an organization composed of conservation professionals from around the globe who meet biennially to share their latest research results. Beginning in 1978, ISCO has met on every inhabited continent and is returning to North America for the first time since 1999. Please mark your calendars and plan on spending the week with us in El Paso, **May 31–June 5, 2015**. The conference will be held at the Radisson Hotel El Paso Airport. For more info: www.Tucson.ars.ag.gov/isco

Please remember make your registration before May 1, 2015 at following address

<http://ia.utep.edu/Default.aspx?tabid=73273>

The registration fee are:

^Professional

US \$550.00 -- Late Registration (if you register between March 16-May 1, 2015)

^Student

US \$400.00 -- Late Registration (if you register between March 16-May 1, 2015)

Spouse

US \$50.00 -- Technical Tour; Wednesday, June 3 (must register no later than May 1, 2015)

REGISTRATION PAYMENTS WITH WIRE TRANSFER - If this is your payment option, the registration process is not complete until your wire transfer is received and confirmed. Participant must submit registration prior to payment. Wire transfer payments are due in lump sum. A copy of your wire transfer receipt must be received no later than 2 business days from registration date. Please email your receipt to lchee@utep.edu or fax your receipt to (915) 747-8248.

18th PSSST Annual Meeting and Scientific Conference



Rationale

The 18th PSSST Annual Meeting and Scientific Conference is being organized to showcase soil science as an important discipline in the field of agriculture. It will particularly highlight the importance of soil and water conservation for food security and sustaining essential functions of ecosystem. This important event will give the participants from the academe, government, and private sectors an opportunity to interact and share experiences and research outputs in the field of soil science and its related disciplines. This will also enable them to upgrade their technical expertise, renew personal acquaintances, and meet new friends of the same scientific interests.

Guidelines for Abstract and Paper Submission

Extended Abstract

Volunteer speakers (oral and poster) should submit an extended abstract, maximum of 2 pages including references, tables and illustrations not later than March 30, 2015. The extended abstract will be published in the Conference proceedings. See format of extended abstract in the attached page.

Full Paper

- Full paper for competition should be submitted not later than April 15, 2015.
- The manuscript should be limited to 10 pages and divided into sections: Abstract, Keywords, Introduction, Methodology, Results and Discussion, Conclusions, and References.
- The manuscript should be typed in single space, Times New Roman 11 pt font with 3 cm margins.
- Full paper should be written in Standard English.
- The name of author(s) and address of the institution(s), followed by the contact address (E-mail, Phone and Fax Number) of the first author or correspondence author should be indicated.

Submission

Extended abstract and full paper should be submitted by email to the PSSST Secretariat at pssst_pro06@yahoo.com.

Poster Presentation

Poster presenters should bring their printed posters to the conference. The size of the poster should be 118.5 cm x 84 cm, portrait orientation. Each letter should be readable from 1 m distance.

Important Dates to Remember

- March 30, 2015 - Deadline for submission of extended abstract for oral and poster presentation as well as nominations for the Achievement Award
- April 5, 2015 - Decision on oral and poster presentation
- April 15, 2015 - Deadline for submission of full paper
- April 30, 2015 - Deadline for confirmation of attendance

ABOUT THE VENUE



Xavier university in Cagayan de Oro City was founded in 1933 as a high school for the boys. Twenty years after, the College of Agriculture was started by Father William Masterson. In 1958, Ateneo de Cagayan was granted a university status and became the first university in Mindanao. In honor of St. Francis Xavier, Ateneo de Cagayan became Xavier university.

The university is now the leading institution in Northern Mindanao offering courses that respond to the demands of the rapidly growing and developing region in the Philippines. More information about Xavier University can be found at <http://www.xu.edu.ph>.



Cagayan de Oro (CDO) is the capital city of Misamis Oriental, a province in Region X.

Due to very aggressive tourism campaign of the local government, CDO has become one of the tourist destinations

in Northern Mindanao. It is famous for its whitewater rafting adventure which every tourist would love to try. Though highly urbanized, nature-loving people can still enjoy staying at CDO. Aside from Mapawa nature park, tourists can definitely enjoy Monique cave and Catanico Falls.



TENTATIVE PROGRAM

- May 12, 2015** - *Arrival of Participants*
- May 13, 2015** - *Registration*
Opening Ceremonies
Opening of Poster Exhibits
Plenary Sessions
Technical Sessions
Fellowship
- May 14, 2015** - *Technical Sessions*
Business Meeting
- May 15, 2015** - *Technical Sessions*
Open Discussion
Awarding Ceremonies
Closing
Tour
- May 16, 2015** - *Departure*

FEES AND DUES

Registration Fee* Php 4,000

** inclusive of conference kit, meals and snacks during the conference. Accommodation during the conference for 2 nights and tour fee is exclusive of the registration fee.*

Annual dues _____ **Php 200**
(for regular members)

Regular membership fee _____ **Php 100**
(for new members)

Life membership fee _____ **Php 2,000**
(optional)

CONFIRMATION SLIP

Name: _____

Company/Institution: _____

Mailing Address: _____

Telephone No.: _____

Facsimile No.: _____

Mobile No.: _____

E-mail Address: _____

Response (Please check):

_____ I will attend the 18th annual meeting and scientific conference.

_____ I will not attend but I will pay my annual dues.

_____ I will attend with accompanying person (Indicate the number of accompanying person).

For further information, please contact any of the following:

Ms. Rowena L. Castillo
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 Maahas, Los Baños, Laguna
 Mobile No.: 0998-220-3250
 Email: r.castillo@irri.org

Ms. Evelyn F. Javier
 Secretary
 c/o Philippine Rice Research Institute
 Science City of Muñoz, Nueva Ecija
 Mobile No.: 0922-808-7484
 Email: evelynf.javier@gmail.com

For confirmation, payment of fees, and reservations, please contact:

Ms. Constanica G. Mangao
 PSSST Board Member
 c/o BSWM, Elliptical Road corner Visayas Ave.
 Diliman, Quezon City
 Telephone: (632) 923-0456 / 923-0492
 Mobile No.: 0919-388-5055
 Email: consmangao@yahoo.com.ph

I Seminar of the Forest Fires - Soils Network

I Ibero-Afro-American Symposium of Risks



Theme: Risks, Forest Fires and Territory

Panels: Panel 1: Forest Fires and Effects on Soils;

Panel 2: Geo-technologies applied to the Analysis and Management of Risks;

Panel 3: Natural and Anthropogenic Risks;

Panel 4: Prevention, Security and Mitigation;

Panel 5: Analysis, Governance and Communication of Risks.

Deadlines:

10/05/2015 Deadline for abstract submission;

29/05/2015 Deadline for abstract acceptance information;

30/06/2015 Deadline for early registration;

30/09/2015 Deadline for articles submission for the Territorium journal n. 23.

How to arrive:



Contact:

RISCOS, Aérodromo da Lousã, Chã do Freixo, 3200-395 VILARINHO LS - Portugal

Telephone: +351 351 239 992 251, Fax nr.: +351 351 239 836 733, Email: riscos@uc.pt



Registration form at: http://www.uc.pt/fluc/nicif/riscos/Congresso/ISRIS_ENG/registration

Soil Science Society of East Africa (SSSEA) Bi-annual Conference



The 28th bi-Annual Conference of the Soil Science Society of East Africa and African celebration meeting of the International Year of Soil will be held in **Morogoro, Tanzania** from **23rd to 27th November 2015**. The event will draw scientists from Research Organizations, Universities, NonGovernmental Organizations, Community-based Organizations, farmers' groups and International Soil-Related Organizations operating in the East African region, Africa and beyond. The conference will join the World to celebrate the International Year of Soil (IYS). ABSTRACT/PAPERS: Abstracts should be submitted by 30th July 2015 and full papers in electronic version submitted by 30th October 2015 to: The Organizing Committee SSSEA C/O Dr. Nyambilila Amuri Secretary General Sokoine university of Agriculture Box 3008, Morogoro – Tanzania amurnyambilila@yahoo.com

Ecology of soil Microorganisms 2015

Microbes as Important Drivers of Soil Processes

29.11. - 3.12. 2015, Prague, Czech Republic





The International Society for Microbial Ecology



International Union of Soil Sciences

British Mycological
Society promoting fungal science

Scientific Topics / Sessions

Decomposition and Carbon Cycling

Soil Biogeochemistry and Nutrient Cycling

Biodiversity and Functioning of Agricultural Soils

Biodiversity and Functioning of Forest Soils

Interactions among Micro- and Macroorganisms

Microbes in the Changing Environment

Microbial Life in Contaminated and Anthropogenic Soils

Archaeomicrobiology, Paleomicrobiology and Microbial Forensics

Venue

Prague is often regarded as one of the most beautiful cities in Europe, where tourists can hardly choose between the visit of hundreds of Prague historical monuments, galleries, shopping malls and parks. Prague is easily accessible by plane from many European cities as well as several ones outside Europe.

Abstract submission

Abstract submission is due June 30, 2015 through the conference website. Each conference participant can offer one abstract to be considered for either oral or poster presentation. To promote the interaction among soil microbial ecologists, there will be no parallel sessions. Please note that the number of oral presentation slots will be limited.

To submit your abstract, you will need to register first. Then, you can use your conference login to upload your abstract.

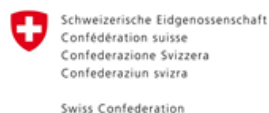
Information and Contact

<http://www.soilmicrobes.org>

Petr Baldrian, Institute of Microbiology of the ASCR

Videnska 1083, 14220 Prague 4, Czech Republic

E-mail: info@soilmicrobes.org, baldrian@biomed.cas.cz



SOMpatic background and aims

With the term 'soil organic matter balances' we refer to practice-applicable models for the assessment of the supply of organic matter to arable soils. To achieve applicability in practice, such models must cope with a very low availability of input data. Therefore, they are very much dependent on a reliable and robust parametrization.

The 2nd international workshop SOMpatic will address this issue with the aim to elaborate an overview of the state of data for the parametrization of soil organic matter balance models.

The event is a follow-up of the first SOMpatic workshop on the comparative evaluation of different soil organic matter balance methods held in Nov 2013. Presentations and Papers from SOMpatic 1 can be found [here](#).

Work groups

SF - Site factors

TL - Tillage

FZ - Fertilizers & fertilization

HR - Harvest residues

BI - Below-ground inputs

Venue, transport and accommodation

The workshop will take place at the castle of Rauischholzhausen, which is the seminar hotel of Justus Liebig University Gießen.

Rauischholzhausen can be reached with public transport from the city of Marburg within approx. 25 minutes,

but we will also organize a free shuttle bus service. Marburg is connected to Frankfurt and Kassel at least hourly by direct trains. A free bus shuttle from/to Frankfurt Airport will be available on demand.

Accommodation in the conference venue can be booked with the registration. The rooms in Rauischholzhausen castle are charming, but please note that not all rooms have a private bathroom. However, You will get excellent breakfast and dinner (which is included in the room prices).

If You prefer another hotel, we recommend "Zum Stern", which is in close walking distance.

Registration

Please register online using the link below. You will get an invoice after submission of the registration form.

Please complete Your registration by paying the indicated amount via bank transfer (bank data will be on the invoice).

The workshop fee includes the conference package (participation, workshop proceedings, coffee breaks, lunch all days, welcome reception, get together on Dec 8th, and shuttle bus service).

Rates

Early bird: 120,00 € (before June 1st 2015)

Regular: 150,00 € (before Sept 1st 2015)

Late registration: 180,00 € (until Nov 15th 2015)



Contact

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<http://www.uni-giessen.de/cms/fbz/fb09/institute/pflbz2/olb/aktuelles/veranstaltungen/sompatic2015>

JOBS

1. Two-year post-doctoral position - Ecological reclamation of Ni-mined Technosols



Conditions of appointment

Employer: Excellence Laboratory (LabEx) Ressources 21 (www.ressources21.univ-lorraine.fr)

Location: Soils and Environment Laboratory (Laboratoire Sols et Environnement, lse.univ-lorraine.fr), Nancy, France.

Salary: 45 k€ annual gross salary

Tenure: 2 years

Scientific team involved: Pr. Guillaume Echevarria, Pr. Emile Benizri, Dr. Geoffroy Séré, Dr. Apolline Auclerc, Dr. Sophie Leguëdois, Dr. Françoise Watteau

Oversea field campaigns in Indonesia

Required skills and qualifications

PhD in Soil Science, Ecology, Microbial ecology or Environmental Science

Scientific expertise in soil biology or soil geochemistry.

Experience in the management of field surveys and laboratory experiments.

Valued knowledge of the laterite and Ni-bearing soils.

Valued knowledge of the mining industry and processes.

Background and objective

Mining operations for Ni recovery generate a high level of disturbances in the soils and the ecosystems, e.g. clearance of the endemic vegetation, removal of topsoils, loss of the biological fertility in the stocked topsoils, low fertility of the residual materials, increase in Cr VI toxicity. Reclamation schemes are now compulsory before the start of the mine. However, today, most of the existing reclamation techniques focus only on a given ecosystem service like geotechnical stability, pollution limitation or biomass production. The development of sustainable reclamation techniques embracing the multifunctionality (i.e. the diversity of

desired ecosystem services) of the rehabilitated ecosystems is needed. Soil reclamation and more particularly the reclamation of its biological activity is a key process to understand to design innovative and multifunctional reclamation techniques for Ni-mined Technosols. Actually, an agroecological approach to the reclamation of mining soils is needed.

Previous works show that to take biological activity into account in soil rehabilitation, the techniques of reclamation must be integrated right at the beginning of the mining operations. In fact, reclamation techniques have to consider characteristics like the availability of the raw materials that could be used to construct a functional Technosol (e.g. overburden, topsoils, spoils, urban or agricultural wastes), the biological potential of these materials, their correct handling and stocking to preserve a biological activity (fauna, microbes, seed).

The aim of this post-doctoral position is to better understand the evolution of soil biological activity in Ni-mined Technosols in order to design ecologically-based reclamation techniques for multifunctional soils. Works will be conducted on natural rich Ni-soils as well as mining Technosols.

Application

For application, please provide the following documents by the 15/06/2015:

a curriculum vitae,

a list of publications,

a cover letter.

Contacts

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Researcher, INRA

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+33 (0)3 83 59 57 51

Pr Guillaume ECHEVARRIA

University of Lorraine

guillaume.echevarria@univ-lorraine.fr

+33 (0)3 83 59 57 92

Details at: <http://www.earthworks-jobs.com/ecology/lorraine15041.html>

2. PhD position: Effects of climate change on soil microbial community and nutrient cycling

U N I K A S S E L V E R S I T Ä T

The candidate will be employed by the University of Kassel and majority of the project work will be at Institute of Soil Research, BOKU, Vienna. The envisioned starting date is as soon as possible.

Homepage:

http://www.uni-kassel.de/intranet/aktuelles/stellenangebote/stellenausschreibung-details/tx_ukstellenausschreibung/24941.html

Code number/Kennziffer 24941 - PhD position (EG 13 TV-H)

Effects of climate change on soil microbial community and nutrient cycling. In the Faculty of Organic Agricultural Sciences - Department of Soil Biology and Plant Nutrition - in the context of third-party funding - as soon as possible

Employment takes place within the framework of the Junior Research Group project "Effects of climate change on fungal community structure and organic matter turnover in soil profiles along elevation gradients of alpine ecosystem" (Project lead: Dr. Rajasekaran Murugan). This project will be conducted in close collaboration with Prof. Sophie Zechmeister-Boltenstern, Institute of soil research, Universität für Bodenkultur, Vienna, Austria.

Responsibilities: Perform the tasks of soil sampling in elevation gradients of Alpine ecosystem; quantitative and qualitative analysis of microbial properties using amino sugars, PLFA and next generation sequencing techniques. Assisting in project proposals, teaching, organisation and implementation of project meetings; Communication with project partners, presentation of results through scientific publications in high quality journals and PhD thesis submission.

Requirements: University degree (MSc or Diploma) in agricultural sciences, biology, geo ecology and related sciences. Solid background in soil biology, plant nutrition and microbial ecology. Excellent lab skills and experience; strong interest in molecular techniques, next generation sequencing and statistical analysis. We are looking for a highly motivated, independent candidate with good organisational skills and good command of English. Field works are planned in the high Alpine, and so applicants should be physically fit. German language skills (written and spoken) and a valid driving license are desirable

Application deadline: 30.05.2015. The candidate will be employed by the University of Kassel and majority

of the project work will be at Institute of Soil Research, BOKU, Vienna. The envisioned starting date is as soon as possible.

This is a temporary appointment, initially for 1.5 year (18 months), to be extended to 3 years in total given satisfactory performance within the first year. The opportunity for promotion is given. For more information please contact Dr. Rajasekaran Murugan (tel. +49 5542 98 1532, murugan@uni-kassel.de).

All application documents should be English language. Please send your application in a single PDF file containing a letter outlining your suitability and motivation, complete curriculum vitae, thesis abstract (master/diploma), relevant certificates and contact information for 2-3 references to bewerbungen@uni-kassel.de. The single PDF document should be submitted by quoting your family name and code number (eg. Wagner_PhD24941) in electronic form.

Details at: <http://www.earthworks-jobs.com/soil/kassel15041.html>

[SOUND PRINCIPLE NO. 31]

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YSI Incorporated

FAO: 'Soils are our silent allies in food production'



Soils are essential for growing our food, yet they have no voice and few people speak out for them. “Now we are beginning to change that,” said FAO Assistant Director-General and Regional Representative for Europe and Central Asia Vladimir Rakhmanin, speaking at the opening of a national conference in Budapest.

The multiple roles of soils often go unnoticed or unappreciated. FAO aims to trigger change by focusing on the significance of soils in 2015. The year has been designated by the United Nations General Assembly as the International Year of Soils.

Hungary is making an early contribution to the global push for change. The high-level national conference, “Healthy soils for a healthy life,” was organized by the Hungarian Ministry of Agriculture and opened with statements by both Rakhmanin and Minister of Agriculture Sándor Fazekas.

According to FAO, land area covered with healthy soil is becoming more and more limited. One-third of agricultural land is considered to be moderately to highly degraded – due to erosion, salinization, compaction, acidification or chemical pollution of soils. The current rate of soil degradation threatens the capacity of future generations to meet their food needs.

The partnerships, projects and platforms developed during the International Year of Family Farming (2014), are considered building blocks for the International Year of Soils. FAO emphasizes that family farmers depend on healthy soils, but also play a key role in preserving soil health and fertility.

Global action

In collaboration with partner organizations and governments, FAO is promoting soil preservation around the world to improve awareness and understanding of the benefits of sustainable land management. The Organization has implemented more than 120 soil-related projects globally, and produced together with UNESCO the World Soil Map.

Too often, data on soils is outdated or fragmented. One of FAO's priorities is to establish a global soil information system, making available reliable data to aid in decision making on land management.

“We haven’t inherited this land from our ancestors, rather we have borrowed it from our children,” said Rakhmanin. “We should never forget that the way we use our planet’s soil will have consequences on the life of the next generation, because healthy soils are the basis for a healthy life.”

Rakhmanin added that FAO’s Regional Office for Europe and Central Asia looked forward to continuing its collaboration with Hungary, during a year which marks the 70th anniversary of the United Nations and of FAO, as well as the 60th anniversary of Hungary’s joining both organizations.

There was strong consensus among conference participants that sustainable land management should be promoted and expanded in order to stop the trend of declining soil quality. The Ministry of Agriculture will support initiatives to educate farmers and the broader public on this issue.

According to government data, 48.4 percent of Hungary’s territory is under cultivation, another 21 percent is covered by forests, and 15.8 percent is arable but not currently used for crops.

Soil provides, regulates and supports a number of ecosystem services on which issues such as food security, the provision of shelter, access to goods, flood control, combating disease and cultural fulfilment all depend. Soil does all this by performing five essential functions. The soil functions described in this calendar are vital to life on Earth. However, not all soil types can carry out these functions to the same extent, and some are more susceptible than others to failure when they are put under stress. A clear understanding of the functional capabilities and potential of different soil types is thus vital for planning and managing the sustainable development of soil resources, wherever they are found.

Details at: <http://www.fao.org/europe/news/detail-news/en/c/279586/>



ICT International Standing Wave Technology
Soil Moisture Measurement

MP306 MP406 MPkit

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

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2015
International
Year of Soils

healthy soils for a healthy life

Join the 'Soil Stories' blog!

The blog aims to communicate the profound importance of soils for human life

The main objective of the 'Soil Stories' blog is to provide you with a forum to exchange stories, photos and multimedia about the cultural, economic and environmental impact of soils on your lives. The blog aims to raise awareness on soils through the lens of human-focused stories from around the world.

Submissions should focus on:

The multiple roles that soils play in the lives of people from diverse regions of the world

The wide variety of ecosystem services that soils provide

The challenges we face including soil degradation, deforestation, desertification, drought and other environmental issues

Successful soil conservation practices

It doesn't matter if you're a farmer, landholder, soil scientist, policymaker or gardener... Tell your soil story by contributing to the blog!

To contribute to the blog all you need to do is join the FAO community and send an email to soils-2015@fao.org with your entry in word format, specifying IYS BLOG in the subject.

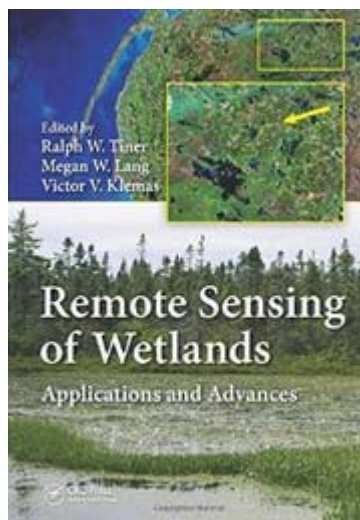
For more information, please read the blog policy and guidelines.

Link at: <http://www.fao.org/soils-2015/blog/en/>



Book Introductions

Remote Sensing of Wetlands



By **Ralph W. Tiner** (Editor), **Megan W. Lang** (Editor), **Victor V. Klemas** (Editor),

Hardcover: 574 pages

Publisher: CRC Press (March 25, 2015)

Language: English

ISBN-10: 1482237350

ISBN-13: 978-1482237351

Editorial Reviews

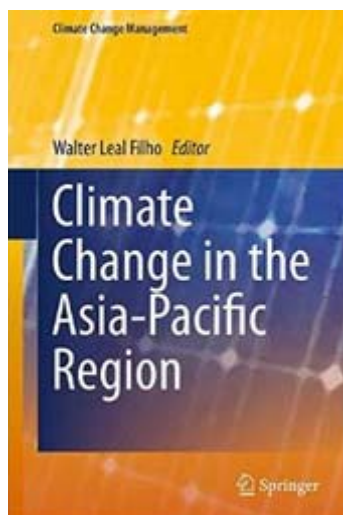
"... an important reference for operational wetlands mappers. Over the years, I have been told you should be using this technology instead of the one we were using at the time. A book like this would have provided an overview of the technology and more importantly the names of the experts."

—Bill O. Wilen, PhD, USFWS, National Wetlands Inventory

[this book] encompasses information essential to anyone engaged in either identifying and/or understanding wetlands using remote imagery. It brings together in one place a critical examination of the strengths and shortcomings of the many types of imagery available today. It explores the opportunity to combine various types of remote imagery to describe and analyze wetlands. It includes extensive case studies of the application of remote sensing imagery by wetland type."

—Jeanne Christie, Association of State Wetland Managers

Climate Change in the Asia-Pacific Region (Climate Change Management)



By **Walter Leal Filho** (Editor)

Hardcover: 390 pages

Publisher: Springer; 2015 edition (April 3, 2015)

Language: English

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From the Back Cover

This book investigates the socio-economic impacts of Climate Change in the Asia-Pacific region. The authors put forward a strategy and action plans that can enhance the capacity of government agencies and non-governmental organizations to reduce the negative impacts of climate change. The needs and interests of critical and neglected groups are highlighted throughout the book, alongside the need for improving knowledge management on climate change. The case studies presented offer regional analyses for countries such as Australia, Bangladesh, China, Fiji, India, Mongolia, Nepal and the Philippines, and cover issues such as livelihood vulnerability and displacement, climate migration, macroeconomic impacts, urban environmental governance and disaster management.



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