

WASWAC HOT NEWS 2013 (03) March 2013

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Please send your contributions/ information for next issue(s) of HOT NEWS & WASWAC Bulletin to waswac@foxmail.com, iswcr@foxmail.com, care_045@yahoo.com & sskukal@rediffmail.com (for Bulletin).

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

New information please go to our official website <http://www.waswac.org>.

REDUCE ▪ REUSE ▪ RECYCLE

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



PLEASE CONSIDER THE ENVIRONMENT BEFORE YOU PRINT THIS HOT NEWS



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Join us

<http://www.facebook.com/pages/World-Association-of-Soil-and-Water-Conservation/187062347982860>

and also please search in **Youtube** for 'SWATlectures'.

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Welcome to WASWAC World Conference II

Date: September 4-7, 2013

With a post-conference tour to the Eastern part of Thailand during **Sept 8-9 or Sept 8-10, 2013**

Venue: Rimkok Resort Hotel, Chiang Rai, Thailand



Topic:

The Threats to Land and Water Resources in the 21st Century: Prevention, Mitigation and Restoration

A collage of logos and text. It includes the logo of Thammasat University, the logo of the National Center for Environmental and Conservation Studies, and the WASWAC logo. Text includes "30th Anniversary of WASWAC 1983-2013", "Call for Abstracts", and "LANDCON 1309". The background is a stylized map of Thailand.

Invitation:

This historical flood in Thailand in 2011 resulted in a total of 815 deaths and affected 13.6 million people with a World Bank's estimated damage of 1,425 billion Baht (US\$45.7 billion). Land is foundation of human survival and development, but the degradation of land is intensifying in many parts of the world, mainly because of improper land use and global climate change. Land degradation could induce the deteriorated productivity of land and ecological functions, including the last flood that we have just experienced. 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 the world that there have been many projects being operated by agencies in various regions to cope with such problems.



A Short History of WASWAC The World Association of Soil and Water Conservation (WASWAC – est. 1983 in U.S.A.) held conferences during its prime years in several developing countries in Africa, Asia and Latin America, resulting in a list of publications that give answers and directions to professionals, implementers and landusers to manage the land profitably and sustainably. To enable the organization to serve better, the WASWAC secretariat moved out in 2003 and eventually acquired its present office in Beijing, China in 2010.

Among the first tasks of the WASWAC since then was to organize the international conference on **Combating Land Degradation in Agricultural Areas** in Xi'an, China, during October 11 - 15, 2010, with the first worldwide meeting of WASWAC councilors. It was agreed during that time that the WASWAC should hold its international conference and council meeting every three years, e.g. in the last year of each 3 - year council. The conference should have a main title of “**WASWAC World Conference and Council Meeting**”, and an important issue of that time could be put as the main theme. The council meeting in Xi'an agreed that **the 2nd WASWAC World Conference and Council**

Meeting (WASWAC - WCII) should take place in Thailand in 2013, the third year of the present council.

The Conference The severity of the great flood with subsequent damages and the urgent need to cope with the extent of land degradation have motivated the Engineering Institute of Thailand (EIT), the World Association of Soil and Water Conservation (WASWAC) and the Civil Engineering Dept. of the Faculty of Engineering, Thammasat University to organize this conference by sharing the same venue with the **5TH NATIONAL CONVENTION ON WATER RESOURCES ENGINEERING** at Le Méridien Chiang Rai Resort, in Chiang Rai, the northernmost province of the country, during September 4 - 7, 2013, with hope that it will benefit academics and professionals in engineering, land development, soil and water sciences, agriculture and other related fields in achieving more knowledge and understanding of the ways and means to deal with these undesired effects, especially from the ever - increasing degradation of the land and the receipt of excessive runoff and applying them to avoid further damages.

We sincerely hope that the conference on **“The Threats to Land and Water Resources in the 21st Century: Prevention, Mitigation and Restoration”** (LANDCON 1309 in the WASWAC meeting series) will be a lively platform for land management and conservation specialists worldwide to share their expertise. It will be preceded by **the Second Councilor Meeting of WASWAC** that will take place on the first day, September 4, 2013. We expect to achieve certain concrete outcomes that will be put in use right after that, and also with valued contributions to be published in the proceedings as well as in a scientific journal. We look forward to welcoming you at Chiang Rai, Thailand soon.



Cooperating organizations:

- Land Development Department, Ministry of Agriculture and Cooperatives, Bangkok, Thailand, Kasetsart University, Bangkok, Thailand
- International Research and Training Center on Erosion and Sedimentation (IRTCES - UNESCO), Beijing, China

- Institute of Soil and Water Conservation, Chinese Academy of Sciences (ISWC - CAS), Yangling, Shaanxi, China
- Northwest University of Agriculture & Forestry, Yangling, Shaanxi, China
- Guangdong Institute of Eco - Environmental and Soil Sciences (GIEESS), Guangzhou, Guangdong, China
- Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, Chengdu, Sichuan, China
- National Institute for Agro - Environmental Sciences (NIAES), Tsukuba, Japan
- College of Bioresource Sciences, Nihon University, Tokyo, Japan
- Bureau of Soils and Water Management, Quezon City, Philippines
- Soil Conservation Society of India, New Delhi, India
- North Carolina Agriculture & Technology State University (NCA&T), Greensboro, NC, U.S.A.

Conference sub-themes:

1. Methodologies to measure the extent of land degradation
2. Studies of specific forms of land degradation, e.g. land slide, debris flow, gully forming process
3. Evaluation of impacts of land degradation on food production and the environment
4. Effects of global climate change on land degradation and food security
5. Control measures to prevent and mitigate land degradation (mechanical, biological, agronomic, management) and to restore degraded land
6. Integrated measures that enhance soil and water conservation, e.g. Conservation Agriculture, Agroforestry, Landcare, Soil Fertility Improvement
7. Research programs that deal with land degradation and soil and water conservation, e.g. SWAT, WOCAT, LADA, ASOCON, DESIRE
8. Operating, monitoring and evaluation of land/soil conservation projects
9. Use of incentives to promote sustainable land use
10. Law and policy to mitigate land degradation and enhance soil and water conservation
11. Water resource management for sustained crop production
12. Any other topics of interest Paper

SPECIAL PROGRAMS: (1) DEBRIS FLOW Workshop (2) CLIMATE CHANGE International Photo Exhibition

Paper and abstract details:

The work can be presented by either oral or poster. Authors for both modes of presentation are asked to send an abstract first and full paper later. Abstract Please use Cordia New letters, size 14 pt.; it should be between 200-300 words. Full paper should be approx. 10 A4 pages, using the same letter font and size as for the abstract. Posters should carry a size of 90 cm (w) x 120 cm (h), with letter sizes readable from a distance of 2 m. Good proportion between pictures/diagrams and text should be observed. For more details, please contact sombatpanit@gmail.com and admin@wreeit.org. NOTE: Presented papers will be selected to publish in the Journal of International Soil and Water Conservation Research.

Templates are to be used for both abstract and full paper.

Tentative program:

Wednesday, September 4, 2013	Arrival and registration
16:00-18:00:	2nd Councilor Meeting of WASWAC
Thursday, September 5, 2013 Morning:	Conference opening, Keynote addresses, Presentation of Awards, Presentation of papers (concurrent sessions)
Evening:	Banquet
Friday, September 6, 2013:	Presentation of papers, Plenary session, Conclusions
Saturday, September 7, 2013:	Field excursion (with a surcharge of US\$40 – the program will be announced later) Conference closing
Sunday - Monday, Tuesday, September 8 - 9/ September 8 - 10, 2013:	Post - conference tour to visit conservation projects, and fruit orchards in the Eastern part of Thailand (US\$120 for Sept 8-9 or US\$180 for Sept 8-10 - excluding air ticket Chiang

Rai-Bangkok and accommodation fee for Sept 7,
Sept 8, Sept 9)

Registration fee:

Early bird registration fee (up to July 31, 2013) International participants US\$250

International students (with proof as an active student from their institution) US\$200

Regular registration fee (from August 1, 2013) International participants US\$300

International students (with proof) US\$250

Fee for one accompanied person US\$150

Surcharge on the excursion on September 7, 2013 US\$40

Fee for the post-conference tour to the East (Choose Sept 8-9 or Sept 8-10) US\$120 or
US\$180

NOTE: NOTE: The registration fee includes conference attendance, conference materials, banquet, lunches and refreshments on September 5-6 BUT does not include international transportation to and from Chiang Rai and accommodation fee that participants will pay to the hotel directly. Accommodation is arranged at three hotels in Chiang Rai; approx. rates/day are: (1) Le Méridien, US\$130/day; (2) Dusit, US\$70; (3) Rimkok, US\$40, with transportation between hotels provided. Accommodation for Sept 7, Sept 8, Sept 9 will be approx. US\$40-50/night. All rates are for single/double, with breakfast.

Important dates:

Abstract submission due **originally March 15, 2013, postponed to April 15, 2013**
FINAL]

Notification of abstract acceptance March 30, 2013 onward

Deadline of the draft paper May 15, 2013

Notification of draft paper acceptance June 15, 2013

Final paper submission due July 15, 2013

Notification of paper acceptance August 1, 2013

Conference date September 4-7, 2013

Post-conference excursion to the East Sept 8-9 or Sept 8-10, 2013

Some information about Chiang Rai Province (From Wikipedia – Free Encyclopedia)

The city of Chiang Rai has a population of around 62,000 and is the main commercial centre serving the Golden Triangle border region of Thailand, Myanmar and Laos. It is an excellent base for exploring the region. Chiang Rai is essentially a service city for the surrounding province. It has a relatively small population of 200,000 people, but also has a respected university and other civic facilities. The character is distinctly Northern and is distinct to Chiang Mai to the southwest in various ways. The food is definitely spicier and the ethnic composition includes a good percentage of hill tribes and Myanmar exiles such as various tribes of Karen people.



PLEASE DOWNLOAD Registration Form, Full-Paper-Template, Abstract-Template etc.

on our official website : www.waswac.org

Welcome to Chiang Rai
Welcome to Thailand
Welcome to the WASWAC WC II

MEETINGS



Welcome Message

The scientific Symposium "Soil Minimum Tillage Systems" organized at USAMV Cluj-Napoca, Faculty of Agriculture – the Research Center for Minimum Tillage Systems and Sustainable Agricultural Technologies, brings together on every edition leading figures from academic and research milieus, as well as specialists, students and farmers.

On behalf of the Organizing Committee, we are honored to invite you to the 7th International Symposium, which will be held from 2nd to 3th of May 2013, an ample opportunity for debate concerning the present and the future of soil tillage systems, for the promotion of the latest achievements in the field of the addressed topic, innovative creativity, developing partnerships with a view to implementing European projects and programs.

The symposium aims to present the latest scientific findings on issues of research, innovation and agro-technical development, displaying rational solutions with practical applicability on agricultural holdings faced with practical situations generated by economic, technical and professional training needs.

This work was supported by CNCS –UEFISCDI, Project number PN-II-ID-WE-2012-4-092/2012.

Scientific Topics

Conservative tillage systems: minimum tillage and no-tillage.

Research systems for soil, water and carbon preservation.

Technological alternatives in conservative agriculture system.

Research priorities concerning soil tillage, land improvement and environmental protection.

Venue

The Symposium is hosted by the Research Center on Minimum Tillage Systems and Durable Agricultural Technologies – Faculty of Agriculture, in the main campus of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Mănăştur street 3-5, 400372 Cluj-Napoca.

Registration and payments

The organizers will provide festive dinner on 02.05.2013, lunch on 03.05.2013, volume issuance and transportation on the field.

Participants bear the cost of transport and accommodation. The accommodations may be booked in 2* to 4* hotels or at university dormitories.

Details at: <http://www.usamvcluj.ro/SMDT/symposium2013/index.php>

• ISCO COLOMBIA 2013 •



PLACE: Plaza Mayor Conventions Center | City of Medellín | Calle 41 no. 55-80

DATE: July 8th to 12th/ 2013

TOPICS:

CENTRAL TOPIC: - Environmental Sustainability Through Soil Conservation.

SPECIFIC TOPICS:

- Physical, chemical, biological and hydrological processes related to natural disasters
- Soil use changes, land planning and mining in the conservation and degradation of soils and water
- Climatic change, Carbon dioxide capture and production of bio combustibles in soil degradation.

ORGANIZING COMMITTEE:

ISCO

Escuela de Ingeniería de Antioquia (EIA) (THE SCHOOL OF ENGINEERING OF ANTIOQUIA)

SPONSORS:

Sociedad Colombiana del Suelo (Colombian Society for Soil Sciences)

Universidad Nacional (National University)

MORE INFORMATION: <http://iscocolombia2013.com/ingles/index.html>



Conference dates: August 10-15 2013

OFFICIAL LANGUAGE: English

Conference venue: Scientific sessions of XIIth ISFWP will be held in the Hotel Complex “Solovynaya Roscha” 12 and 13 August 2013.

Address: Engelsa Street 142 A, Kursk (Hotel), Russia

Key topics: 1. Loess- and tephra-paleosol sequences; 2. Alluvial and colluvial soil-sedimentary sequences; 3. Paleosols and pedosediments of human habitats; 4. Surface paleosols and relic features in modern profiles. Chernozems as paleo-environmental archives; 5. Pre-Quaternary paleosols: paleoecology and post-burial changes; 6. Biological markers in paleosol.

Deadline schedule:

March 31, 2013 - registration, abstracts submission, and payments have to be completed

June 22, 2013 - the deadline for reservation and making payment for the hotels via UniFest. The reservation after June 22, 2013 is not guaranteed

June 26, 2013 - If cancellation of hotel reservation is made before this date, payment for hotel accommodation will be reimbursed (minus 10% of bank fees). If cancellation is made on or after June 26, 2013 or in case of “no-show”, the cost of one night stay and bank fees (10%) will be kept. The rest of payment will be reimbursed.

July 15, 2013 – Third Circular and conference preliminary program (for registered participants).

July 30, 2013 – last date to cancel participation in the conference and field seminar. Before this date conference and field seminar fees will be reimbursed (with the exception of commission fee for bank transfer). Final program will be issued after July 30 according to confirmation/cancellation lists.

Contacts:

Scientific issues, registration and field excursions: Dr. Maria Bronnikova, secretary of the Organizing Committee e-mail paleopedology2013@gmail.com, fax (please, mention “for ISFWP-XII Organizing Committee, Maria Bronnikova”): +7-495-959 00 33

Accommodation, train tickets, transfers, other tourist services: technical conference partner UniFest Travel – professional congress organizer Tatiana Volkova E-mail: isfwp@unifest.ru Tel: +7(495)234-6555, ext. 225, Fax: +7(495)234-6556

More information:

<http://agora.guru.ru/display.php?conf=paleopedology2013&page=conference&PHPSESSID=5702ksmnnkie4k1a4vajmui754>



The 8th International Symposium on Digital Earth 2013 (ISDE 2013) will be held in Kuching, Sarawak, Malaysia from 26th – 29th August 2013. This symposium is an important event of the International Society for Digital Earth. The theme "Transforming Knowledge into Sustainable Practice" aims to enable digital earth modeler and experts in the field of geospatial science and technology to provide a brand new opportunity to share their ideas and insights on how we share knowledge and act together globally.

Important Dates	
Early Bird Registration Opens	31 JAN 2013
Final Call For Abstract	31 MAR 2013
Call For Full Paper Deadline	30 JUN 2013
Early Bird Registration Ends	30 JUN 2013
Normal Registration Opens	01 JUL 2013
Full Paper Acceptance Notification	31 JULY 2013
8th ISDE Symposium	26 - 29 AUG 2013



Details at: <http://isde2013kuching.com/>



KEY DATES

Abstracts Submission Open : **May, 2013**

On-line Registration Open : **Jun, 2013**

Deadline for Abstract Submission : **Nov 14, 2013**

Notification of Abstract Acceptance : **Feb 2, 2014**

Deadline for Early registration closes : **Mar 6, 2014**

Deadline for Regular registration closes : **May 8, 2014**



Details at: <http://www.20wcss.org/#>



INVITATION

On behalf of the Organizing Committee of 9th International Soil Science Congress on “The Soul of Soil and Civilization”, I have the honor and pleasure to invite you to Side, Antalya / Turkey on October 14–16, 2014. The congress will focus on multidisciplinary approach to soil science, with special interest on basic research, latest and technological developments for soil use and management. The scientific sessions and panels will also emphasize basic concepts of soil. The host city, Antalya, promising not only its preserved historical and tourism background with modern implications, but also the scenery of lovely Mediterranean and delicious Turkish cuisine as well. The participants will have the alternative of fun, taking post-congress tours to Mediterranean regions of Turkey. We hope you will join us in Side, Antalya for Eurasian Soil Congress 2014.

Sincerely,



Dr. Ridvan KIZILKAYA, Chair

Important Dates:

April 1, 2013 - Call for Abstracts

December 31, 2013 - Deadline for the receipt of abstract

May 1, 2014 - Deadline for submission of full papers and registration fee

September 15, 2014 - Distribution of final announcement

October 14 – 16, 2014 – Congress

Registration fee

	Before 1 May, 2014	After 1 May, 2014
Participants	€ 125	€ 150
Accompanying Person	€ 100	€ 110

Oral and poster presented papers will be published in a proceedings book or CD after the congress. Some selected papers by scientific committee will publish Eurasian Journal of Soil Science.

EURASIAN SOIL – Congress 2014

(www.soil2014.com)

9th International Soil Science Congress on “The Soul of Soil and Civilization”
Soil Science Society of Turkey cooperation with Federation of Eurasian Soil Science Societies

14 - 16 October, 2014 - Side, Antalya/Turkey



Topics will include:

- Soil Biology and Biochemistry
 - Soil Physics
 - Soil Chemistry
- Soil Genesis, Classification and Mapping
 - Soil Erosion and Conservation
- Soil Mineralogy and Micromorphology
 - Soil Mechanic and Technology
 - Soil Health and Quality
- Geostatistics, Remote Sensing and GIS
 - Soil Management and Reclamation
 - Soil Pollution and Remediation
 - Soil Fertility
- Plant Nutrition and Fertilization

Organizing Committee:

Dr. Ridvan KIZILKAYA, Chair, Ondokuz Mayıs University, Turkey
Dr. Coşkun GÜLSER, Secretary, Ondokuz Mayıs University, Turkey
Dr. Orhan DENGİZ, Secretary, Ondokuz Mayıs University, Turkey
Dr. Tayfun AŞKIN, Secretary, Ordu University, Turkey
Dr. Ayten NAMLI, Member, Ankara University, Turkey
Dr. Fariz MKAYILOV, Member, Selçuk University, Turkey
Dr. Evgeny SHEIN, Member, Moscow State University, Russia
Dr. Amin ISMAYILOV, Member, University of Architecture and Construction, Azerbaijan
Dr. Maira KUSSAINOVA, Member, Institute of Soil Science and Agrochemistry, Kazakhstan

Organized by

SSST, Soil Science Society of Turkey (www.toprak.org.tr)
FESSS, Federation of Eurasian Soil Science Societies (www.fesss.org)

More details: <http://www.soil2014.com/default.aspx>

NEW BOOK

Sustainable Land Management to Enhance Food Production of APEC Members



PUBLICATION NUMBER: APEC#213-AT-04.1

ISBN: 978-981-07-5724-3

YEAR: 2013

PUBLISHED DATE: March 2013

PAGES: 205

TYPE OF PUBLICATION: Proceedings

PUBLICATIONS UNDER: Agricultural Technical Cooperation Working Group (ATCWG)

ACCESSED: 75

Short Description:

The proceedings of the workshop should be particularly valuable in the context of APEC food security. The event brought together participants from public and private sectors working on sustainable land management related issues and allowed them to share their experiences and knowledge on its strategies, technologies and practices.

The workshop outputs were expected to help find options and provide guidance in assessing present and future challenges to food security, to enhance our understanding on the causes of unsustainable food production, and address possible losses across entire food chain in each economy.

ISWCR Call for Papers Submission

The official journal “International Soil and Water Conservation Research” for WASWAC was authorized to publish by the General Administration of Press and Publication of P.R.China in last October.

So far, we have almost finished the construction for the Editorial Board. However, manuscripts suit to be published in our journal and with high quality are still not enough. There is a very urgent need ahead us – collecting excellent papers. So we put the papers submission note here again, hope our lovely members provide your meaningful fruits to us as soon as you can.

ISWCR Call for Papers Submission NOTE:

As the journal of World Association of Soil and Water Conservation (WASWAC), International Soil and Water Conservation Research (ISWCR) is an internationally quarterly journal published by International Research and Training Center on Erosion and Sedimentation (IRTCES). The mission of ISWCR is to publish fundamental and applied research concerning all aspects of soil and water conservation and to promote and advocate best soil and water conservation practices around the world.. We publish manuscripts that address theories and practices, biophysical and socioeconomic processes, measurement and modeling techniques in relation to soil and water conservation, for erosion control and runoff retention, environmental protection, and sustainable land and water management in the broad context of global change.

All manuscripts will be reviewed by members of the Review Board, consisting of internationally renowned experts in their specific field. Only original manuscripts will be accepted and copyright for published papers will be vested in the publisher.

Manuscript submission

All manuscripts will be submitted via email to: iswcr@foxmail.com. Submission of a manuscript implies: 1) the work presented has not been published before; 2) it is not under consideration for publication elsewhere; 3) its publication has been approved by all co-authors, if any, as well as by the responsible authorities at the institution where the work was carried out.

Text

One PDF file and one WORD file of the manuscript should be submitted. Technical paper should not exceed 10,000 word equivalent and technical note 5,000 words or equivalent (figures inclusive). Technical terms and mathematical symbols used should be defined where they first appear in formulas, figures, tables or text. The title should be brief. The authors' names should be typed on the line below the title; the present affiliation(s) should be typed in the footnote.

Abstract

The body of manuscript should be preceded by an abstract with the maximum length of 300 words for a full-length manuscript. It should be intelligible in itself without depending on references cited. Three to five keywords should be listed after the abstract.

Figures and tables

Electronic copy of figures should be provided, accepted in JPG or TIFF formats with 600dpi resolution, or in XLS data files. Photographs should be enlarged sufficiently to permit their clear reproduction in half tone after size reduction. All illustrations should be about twice the size of final reproduction, and the final size of lettering should not be smaller than 1.5 mm. Figure captions should be listed on a separate sheet and placed at the end of the manuscript. The cost of printing color images in the *Journal* will be charged to the author(s).

Figures and tables should be numbered consecutively and titled. All table columns should have a heading. Figures and tables must be explained in the text.

System International (SI) units should be used throughout the paper.

References

All references should be arranged in alphabetical order of the author's names and grouped together at the end of the paper. Examples of three types of references - journal papers, books and conference proceedings - are given below:

Clifford N. J., Richards K. S., Brown R. A., and Lane S. N. 1995, Laboratory and field assessment of an infrared turbidity probe and its response to particle size and variation in suspended sediment concentration. Hydrological Sciences Journal, Vol. 40, No. 6, pp. 771-791.

Wan Z. H. and Wang Z. Y. 1994, *Hyperconcentrated Flow*, A. A. Balkema, Rotterdam, The Netherlands.

Milintangul P. 1990, *Increase in reservoir sediment caused by deforestation and its effect on dam life*.
Proceedings of the Workshop on Field Measurement of Sediment in Rivers and Reservoirs, Bangkok, Thailand, pp. 17-33.

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- Landfill cover and mine closures
- Irrigation scheduling



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JOBS

1. Ph.D. research assistantship:

Hydrogeochemical controls on carbon sequestration and methanogenesis in wetland soils



The University of Münster, Germany, invites applications for a Ph.D. position in the recently formed hydrology/biogeochemistry group of Prof. Christian Blodau at the Institute of Landscape Ecology (ILÖK). The group focuses on the process-oriented analysis of biogeochemical and water cycling in wetlands and shallow lakes. Institute and group provide technical support and excellent analytical and controlled-climate facilities, and will be housed in a new state-of-the-art geosciences complex in 2013. Wetlands are important global sinks for carbon and sources of methane to the atmosphere and sensitive to hydrologic change. The fate of deposited and sequestered organic matter is controlled by the storage and utilization of chemical energy and the flux of solutes and gases in these environments. The project will analyze interactions between biogeochemical processes, water and gas transport, and chemical energy in peat deposits. The research questions will primarily be investigated using column and incubation experiments. Application of a one-dimensional reactive-transport model is optional.

Candidates with a M.Sc. degree or comparable and a background in hydrology, biogeochemistry, environmental chemistry, or geomicrobiology are encouraged to apply. They are expected to be familiar with hydrologic, geochemical, and basic microbiological concepts; knowledge of wetland biogeochemistry is advantageous. Experience with analytical techniques, such as gas- and ion chromatography, stable isotope and radiotracer analysis, fluorescence and IR spectroscopy, and/or modeling techniques will be an asset. First experience to publish scientific studies in international journals is desirable but not a prerequisite.

Applications from women are especially invited and will be favored in case of equal qualification, competence and specific achievements. Handicapped candidates with equivalent qualifications will be given preference, provided that the handicap is compatible with the security regulations and demanded activities.

The position is available immediately for a three-year period and will be remunerated at 65% of a full researcher position (approx. € 33.000 p.a. before tax and including benefits). Applications will include a cover letter, CV, transcript of records or certificates, and names/addresses of two referees within a single PDF document. Applications and inquiries regarding this offer should be submitted by email to Prof. Christian Blodau (christian.blodau@uni-muenster.de, Institute of Landscape Ecology, FB 14 Geosciences, University of Muenster, Robert-Koch-Str. 29, 48149 Muenster). Review of applications will continue until the position is filled.

Deadline: April 14, 2013

Details at: <http://www.earthworks-jobs.com/water/wwu13031.html>

2. Research Associate in Isotope Geochemistry



Helmholtz-Zentrum Potsdam
Deutsches
Geoforschungszentrum

Basic introduction:

The Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences is the national Research Centre for Geosciences in Germany and a member of the Helmholtz Association. Department 3 "Geodynamics and Geomaterials", Section 3.4 "Earth Surface Geochemistry", invites applications for a Research Associate in Isotope Geochemistry, in the field of "non-traditional" stable isotope geochemistry. Our research focuses on the development and application of isotopic tools in Earth surface (weathering) processes. Through field and laboratory studies, we quantify physical erosion, chemical weathering, and cycling of elements through different geochemical reservoirs, such as rock, soil, plants, ground water, and river water. We employ several stable isotope systems using our "Neptune" multicollector ICP-MS, optical ICP, clean laboratories, and a new in-house built femtosecond laser ablation system for micrometer-scale isotope analysis. Interaction with GFZ groups engaged in the study of cosmogenic nuclides, Geomorphology, Hydrology, Mineral Chemistry, shallow Geophysics, or Microbiology is encouraged.

Tasks:

- *Designing, conducting, and publishing of scientific projects in the field of new stable isotope systems
- *(e.g., Li, Mg, Si, Ca, Cr, Fe, Zn, Mo) in the compartments of the Earth surface
- *Placing these findings into a geomorphic, soil, or river geochemical context
- *Supervision of laboratory staff and graduate students, support in drafting their manuscripts

Qualifications:

- *Doctorate or PhD in Isotope Geochemistry or related fields. Extensive experience in the conduction of research projects and very good publications in any of the following fields:
- *Geochemistry of "non-traditional" stable isotopes
- *Research on weathering (soil, saprolite, higher plants, soil-, ground- and river water)
- *Multicollector-ICP mass spectrometry or TIMS

Starting Date: 01.10.2013 or thereafter

Duration: 3 years, extendable by additional 3 years

Salary: EG 13 TVöD-O

Contact: Prof. Friedhelm von Blanckenburg (fvb@gfz-potsdam.de)

Application Deadline: Evaluation will begin June 1st 2013 and will continue until the position is filled.

Equal opportunity is part of our personnel policy. The GFZ Potsdam encourages applications from qualified female candidates. A kindergarten service is available. Handicapped applicants will be given preference in the case of equal qualifications.

Letters of application should include a CV, list of publications, copies of university degrees, a concise statement of research interests, and the names of three potential referees. Please submit your application, stating the above given code number to:

Email Please apply exclusively to bewerbungen@gfz-potsdam.de

Details at: <http://www.earthworks-jobs.com/geoscience/gfz13031.html>

[SOUND PRINCIPLE NO. 31]

Even grown-ups
play with cool new toys.



RiverSurveyor



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- ◆ Ideal for extreme flood or drought conditions
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- ◆ Use in canals, streams and rivers
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Complete 3-D channel
profiling, bathymetric
measurement and
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WASWAC MEMBERSHIP APPLICATION/RENEWAL FORM (Issued 120501)

(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.)

(For applicants from all countries)

Name: (Ms./Mrs./Mr./Prof./Dr.)..... Gender: F M
Institution:.....
Postal address:.....
State/Province:..... Zip/Postal code:..... Country:.....
Phone:..... Fax:.....
Emails (Please 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)4(SM&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. IM (Individual membership): US\$20 for 5 years for developing countries (In China, members pay 130 yuan RMB); 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); US\$160 for developed countries and persons working in international organizations worldwide. Persons who have passed their 60th birthday pay only half of these LM rates.
3. 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: \$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.
4. SM&GM (Student membership & Gift membership): US\$5/year worldwide, to be purchased 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:

Dr. Xiaoying Liu. WASWAC Treasurer, c/o IRTCES. No. 20 Chegongzhuang Road West, Beijing 100048, China. Tel: +86 10 68786413; Fax: +86 10 68411174; Email: liuxy@iwhr.com; waswacsecretariat@yahoo.com; waser_secretariat@yahoo.com.cn. Membership fee can be sent 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 of Receiver (A/C Holder's Name): Liu Xiaoying

Bank Name and Address: Bank of China Beijing Branch, No. 2 Chao Yang Men Nei Da Jie, Dongcheng District, Beijing, 100010, P R China

A/C NO.: 3467 5879 1740; **Swift code:** BKCH CN BJ 110

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 **WESTERN UNION** or any payment of US\$50 or more.

