



WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION

HOT NEWS

Issue 06, 2016



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Cover photo: Soil and Water Conservation Measures in Anning, Gansu Province, China.

Editors: Dr. Du Pengfei, Contributors include Prof. Li Rui, Dr. Panos Panagos, Prof. Liu Cheng and Dr Amir Kassam.



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WASWAC Website: www.waswac.org

Welcome to Belgrade to Attend The WASWAC World Conference III in This Coming August

WASWAC World Conference III

August 22-26, 2016

Belgrade, Serbia

WASWAC Outstanding

Youth Paper Award 2016 (DATUM)

New development of this coming conference

- 1) All invitation letters have been released, if any participant who has not received the letter, please contact the secretariat soon.
- 2) All submitted full papers for WASWAC Outstanding Youth Paper Award 2016 (DATUM) have been sent to the reviewers for evaluation.

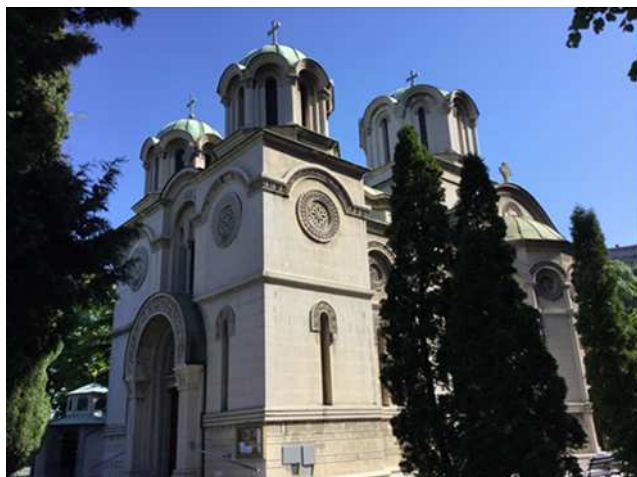
Reminder

It is time to prepare to attend the coming conference, any problems during your preparation for your trip, please do not hesitate to contact us. See you in beautiful Belgrade in August!

CONTACTS

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World Environment Day 2016

World Environment Day (WED) is the United Nations' most important day for encouraging worldwide awareness and action for the protection of our environment. Since it began in 1974, it has grown to become a global platform for public outreach that is widely celebrated in over 100 countries.

Above all, WED serves as the 'people's day' for doing something to take care of the Earth or become an agent of change. That 'something' can be focused locally, nationally or globally; it can be a solo action or involve a crowd – everyone is free to choose.

Each WED is organized around a theme that focuses attention on a particularly pressing environmental concern. WED 2016 is themed on the illegal trade in wildlife under the slogan 'Go Wild for Life'.



Every WED has a different global host country, where the official celebrations take place. WED highlights the environmental challenges facing that country, and supports the effort to address them. This year's host is Angola.



As the plane banks in off the Atlantic Ocean over Luanda, the capital of Angola, the chief driver of the southern African nation's economy announces itself loud and clear.

Dozens of hulking tankers and cargo ships sit low in the water off the bay, colourful containers are stacked up like Lego bricks along the long port, and workers bustle around the base of a loading crane that dominates the skyline.

Details at : <http://www.wed2016.com/angola-protects-wildlife-turns-ecotourism-diversify-economy>

China releases new action plan to tackle soil pollution

By David Stanway (Reuters)



China aims to curb worsening soil pollution by 2020 and stabilize and improve soil quality by 2030, the cabinet said in an action plan published on Tuesday.

The central government will set up a special fund to tackle soil pollution, as well as a separate fund to help upgrade technology and equipment in the heavy metal sector, the cabinet said in a statement on its website.

The government will also continue to eliminate outdated heavy metal capacity, the cabinet said.

Last year, the environment minister said 16 percent of China's soil exceeded state pollution limits. Treatment costs for heavy metal or chemical contamination are high, and China has struggled to attract private funds for soil remediation.

China's five-year plan published in March said the country would give priority to cleaning up contaminated soil used in agriculture. It promised also to strengthen soil pollution monitoring systems and promote new clean-up technologies.

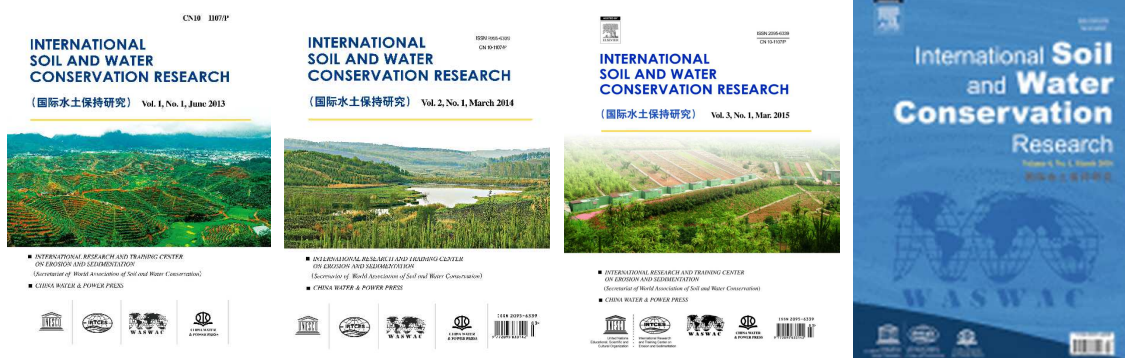
Lawmakers said during the annual session of parliament in March that the country would introduce legislation to help tackle soil pollution by next year.

Companies involved in the sector include Beijing Orient Landscape and Ecology, Tus-Sound Environmental Resources, Beijing Originwater Technology and Guangxi Bossco Environmental Protection Technology.

Please find details here: <https://www.yahoo.com/news/china-releases-action-plan-tackle-soil-pollution-093248551--finance.html>

The second issue of ISWCR available online

The ISWCR - the official journal of WASWAC, has published its second issue on line. This is also the second issue for ISWCR since its cover change. The covers for Volume 1 to 3, including the years of 2013, 2014 and 2015, were various for different issues. Starting from this year, the cover for our journal will be fixed, and it is not necessary anymore for cover's replacement while new issue is coming. The new cover was designed by the editors of this journal, and has received great evaluation since it appeared in the late March of 2016. We hope that our members will enjoy it, too. We also believe that our journal will be better and better under all member's full support.



The covers for the first issues in volume 1, 2, 3 and 4

A review of concentrated flow erosion processes on rangelands: Fundamental understanding and knowledge gaps

Determination and impact factor analysis of hydrodynamic dispersion coefficient within a gravel layer using an electrolyte tracer method

Evaluating spectral indices for determining conservation and conventional tillage systems in a vetch-wheat rotation

Interaction effects of water salinity and hydroponic growth medium on eggplant yield, water-use efficiency, and evapotranspiration

Identification of suitable sites for rainwater harvesting structures in arid and semi-arid regions: A review

Effects of soil physical properties on soil loss due to manual yam harvesting under a sandy loam environment

Soil loss estimation using GIS and Remote sensing techniques: A case of Koga watershed, Northwestern Ethiopia

Taxonomic and environmental implication of pedotechnique in large scale farming

Study on the facilities and procedures for meltwater erosion of thawed soil

The Nanchang Communication about the potential for implementation of conservation practices for climate change mitigation and adaptation to achieve food security in the 21st century

Papers published in Volume 4, issue 2

Here for online glancing: <http://www.sciencedirect.com/science/journal/20956339/4/2>

Tillage Increases Soil Erosion: See for Yourself

Seeing is believing—cover crops and reduced tillage or no-till reduce soil erosion. A gentle overnight rain turned into a science experiment for Darin Williams, Waverly, Kan., when he collected these samples from nearby ditch waterways (that drain terraces) after a 3/4-in. rainfall Monday night. “My primary goal was to see how much erosion resulted from different agronomic systems,” he says.

The samples come from a 3/4-mile radius of each other and have the same soil types.



The far-left sample drained from a full-tillage field (but no fall tillage was done). It has corn residue, and cattle grazed it about 60 days with no live cover crops. The middle jar comes from a long-term no-till corn and soybean field, now bare, that's never had cover crops. (The corn was baled.) The right-hand sample jar comes from Williams' field with a three-year no-till corn, beans and wheat history, a multi-species cover-crop mix, and live volunteer wheat. The cover crop was grazed approximately 60 days in the early fall. Williams' cover crop cocktail that includes purple top turnip, tillage radish, cereal rye, crimson clover, common vetch, flax and spring barley or oats.

His cover crop/no-till system has greatly improved his soils' water management. “There is also a big difference between the left and the right jars as far as grazing goes,” Williams says.

How much soil is leaving your field?

Details at: <http://cornandsoybeandigest.com/conservation/tillage-increases-soil-erosion-see-yourself>

COMING MEETINGS

5th INTERNATIONAL SOIL CLASSIFICATION CONGRESS



1-7 December 2016 – Bloemfontein, South Africa

The 5th International Soil Classification Congress will be hosted from 1-7 December 2016 in South Africa.

The congress proper will span three days, preceded by a four-day pre-congress field workshop. The field workshop starts the morning of 1 December in Pretoria and ends on 4 December in the evening in Bloemfontein. Delegates are requested to arrive at Pretoria in the evening of 30 November. (You will fly into Johannesburg.)

The field workshop will expose participants to the soils of Pretoria (manganiferous soils), Lichtenburg (aeolian, granitic and dolomitic agriculture soils), Potchefstroom (Technosols and aeolian agricultural soils), Sasolburg (high-activity clay agriculture soils), and the Vredefort meteor impact site.



Chair of the organising committee: Cornie van Huyssteen (vanhuyssteencw@ufs.ac.za)

Details at: <http://scc16.co.za/>

PEDOMETRICS 2017



Pedometrics is a branch of soil science that applies mathematical and statistical methods for the study of the distribution and genesis of soils.

The goal of pedometrics is to achieve a better understanding of the soil as a phenomenon that varies over different scales in space and time. This understanding is important, both for improved soil management and for our scientific appreciation of the soil and the systems (agronomic, ecological and hydrological) of which it is a part. For this reason much of pedometrics is concerned with predicting the properties of the soil in space and time, with sampling and monitoring the soil and with modelling the soil's behaviour.

Pedometricians are typically engaged in developing and applying quantitative methods to apply to these problems. These include geostatistical methods for spatial prediction, sampling designs and strategies, linear modelling methods and novel mathematical and computational techniques such as wavelet transforms, data mining and fuzzy logic.

Pedometrics began as a Working Group of the International Union of Soil Sciences (IUSS) in 1992 that was promoted to a IUSS Commission in 2004.

Since this time, the Pedometrics Commission has been very supportive of the creation of new Working Groups, leading to the Pedometrics 2017 to be hosted as a joint meeting of the Pedometrics Commission and five of its associated Working Groups.

Topics

Advances in soil monitoring

Bayesian statistics and hierarchical modelling

Big data, data mining and machine learning for soil science

Calibration and validation of soil-landscape evolution models

Citizen-science, crowdsourcing and volunteered soil information

Data fusion in soil mapping and modelling

Developments in the measurement of soil properties in the soil pit

Digital soil mapping and assessment

Harmonisation and standardisation of soil data

Mapping and modelling the soil profile

Modelling, visualising and communicating uncertainty in soil information

Numerical methods for soil classification

Open source software developments for pedometrics

Past, present and future of Pedometrics

Pedometrics in education

Proximal soil sensing

Scale issues in soil mapping and modelling

Soil sampling design

Soil-landscape evolution modelling

Statistical modelling of space-time variation in soil

Uncertainty propagation and sensitivity analysis

Use and application of digital soil morphometrics

Use of uncertain soil information in policy and decision making

Key Dates

ABSTRACTS:

Submissions open: 1st June, 2016;

Submission deadline: 1st February 2017;

Notification on decision: 15th March 2017

CONFERENCE: 27th - 30th June 2017

EXCURSIONS: 1st July 2017

Venue

Pedometrics 2017 will take place at hotel and congress centre Hof van Wageningen, the same venue of the first Pedometrics conference in 1992.

Details at: <http://www.pedometrics2017.org/>



VACANCIES

1.Contract Research Officer- Functional Land Management



Main Duties and Responsibilities:

- ✚ To assist the LANDMARK consortium in conducting ex post and ex ante assessments of existing and potential governance instruments that are available to apply the Functional Land Management framework to European policies.
- ✚ To proactively support, and liaise with, non-European partners in applying the Functional Land Management framework to case-studies on other continents, including (but not exclusively) Brazil and China.
- ✚ To organise and co-host stakeholder workshops aimed at facilitating open innovation in policy formation on Functional Land Management.
- ✚ To translate the outcomes of the LANDMARK policy assessment into policy briefings and into scientific briefings of relevance to the SOILCARE project.
- ✚ To represent Teagasc in the SOILCARE consortium.
- ✚ To organise and co-host a session on Functional Land Management at the IUSS World Soil Congress 2018.
- ✚ To write at least 2 (first author) scientific papers, and associated technical popular outputs.
- ✚ To assist the LANDMARK Project coordinator or other designated staff member with other duties, related to LANDMARK, SOILCARE, or related projects such as AFER, as they may arise.

Personal Specification

Qualifications Essential: Candidates must have an honours Level 8 degree in soil science, agricultural science, environmental science, or other relevant discipline related to international policies on the agriculture and food system.

Qualifications Desirable: A postgraduate degree and/or professional experience that combines two or more

of the aforementioned disciplines would be a distinct advantage.

Skills Essential: Evidence of excellent communication skills, both written and verbally. Candidates are invited to include 1 to 3 (max) examples in their application.

Skills Desirable: Proven experience in communicating with farmers and agricultural stakeholders, as well as environmental stakeholders (provide examples of evidence).

How to Apply

A detailed job description and application form for this position can be accessed on the Teagasc Website at www.teagasc.ie/careers

Completed application forms should be TYPED, saved in MS WORD format and submitted by email to teagascjobs@clark.ie no later than 12 midnight on Thursday 28th July 2016. Please state relevant reference code in all correspondence. Teagasc is an equal opportunities employer. Canvassing will disqualify. The details contained above are subject to change without notice.

Details at: <http://www.earthworks-jobs.com/soil/teagasc16071.html>

2. Lectureships (3 posts)



As part of an on-going programme of investment and development, the School of Earth and Ocean Sciences, Cardiff University, is seeking to expand its leading research portfolio and excellent taught programmes by appointing three outstanding scientists to lectureships in Physical Geography (Environmental), Coastal Processes and Hydrogeology.

Lecturer in Physical Geography (Environmental) (Vacancy number: 4859BR)

The successful applicant will have a PhD in Geography or a cognate discipline, a portfolio of innovative research and publication, and a track record of funding success. You will play a role in the continuing development of our international research profile, the delivery of undergraduate teaching in Physical and Environmental Geography, and postgraduate research supervision. No restriction is placed on area of

expertise, but preference may be given to candidates with an outstanding science-based research record in the areas of land-surface processes, biogeochemistry, hazards and risk or the impacts of environmental change on human societies.

Lecturer in Coastal Processes (Vacancy number: 4860BR)

The successful applicant will have a PhD in Coastal Processes or a cognate discipline, a portfolio of innovative research and publication, and a track record of funding success. You will play a role in the continuing development of our international research profile, the delivery of undergraduate teaching in Marine and Physical Geography, and postgraduate research supervision. No restriction is placed on area of expertise, but preference may be given to candidates with an outstanding science-based research record in the areas of oceanography, hydrodynamics, biogeochemistry, hazards and risk or the impacts of coastal processes on human societies.

British Geological Survey Lecturer in Hydrogeology (Vacancy number: 4861BR)

The successful applicant will have a PhD in Hydrogeology or a cognate discipline, a portfolio of innovative research and publication, and a track record of funding success. You will play a role in the further development of collaborative research links with the British Geological Survey (BGS) following BGS-Wales move into the School, as well as delivery of undergraduate/postgraduate teaching related to applied environmental geology, and postgraduate research supervision. No restriction is placed on area of expertise, but preference may be given to candidates with an outstanding research record in the areas of groundwater/surface water interactions, groundwater geochemistry, and hydrogeological monitoring and modelling of different natural, infrastructural and industrial environments, as well as groundwater resource management.

For informal enquiries, please contact Professor Ian Hall, Head of School, email: Hall@cardiff.ac.uk

Salary £31,656 - £37,768 per annum (Grade 6) or £40,082 - £46,414 per annum (Grade 7), to apply visit www.cardiff.ac.uk/jobs

Please be aware that Cardiff University reserves the right to close this vacancy early should sufficient applications be received. **Closing date: Sunday, 31 July, 2016**

Details at: <http://www.earthworks-jobs.com/marine/cardiff16061.html>

Global Soil Biodiversity Atlas Maps

ESDAC distributes 2 datasets of the recently published Global Soil Biodiversity Atlas.

This map is presented on pages 90-91 of the Global Soil Biodiversity Atlas. The map shows a simple index describing the potential level of diversity living in soils on our planet. In order to make this preliminary assessment, two sets of data were used:

- distribution of microbial soil carbon developed by Serna-Chavez and colleagues (2013). This dataset was used as a proxy for soil microbial diversity
- distribution of the main groups of soil macrofauna developed by Mathieu (unpublished data). This dataset was used as a proxy for soil fauna diversity.

This map is presented on pages 134-135 of the Global Soil Biodiversity Atlas. The map shows the potential rather than the actual level of threat to soil organisms.

Many proxy datasets have been used to develop this map: loss of aboveground biodiversity, pollution and nutrient overload-ing, agriculture use, overgrazing, fire risk, land degradation, climate change, etc.

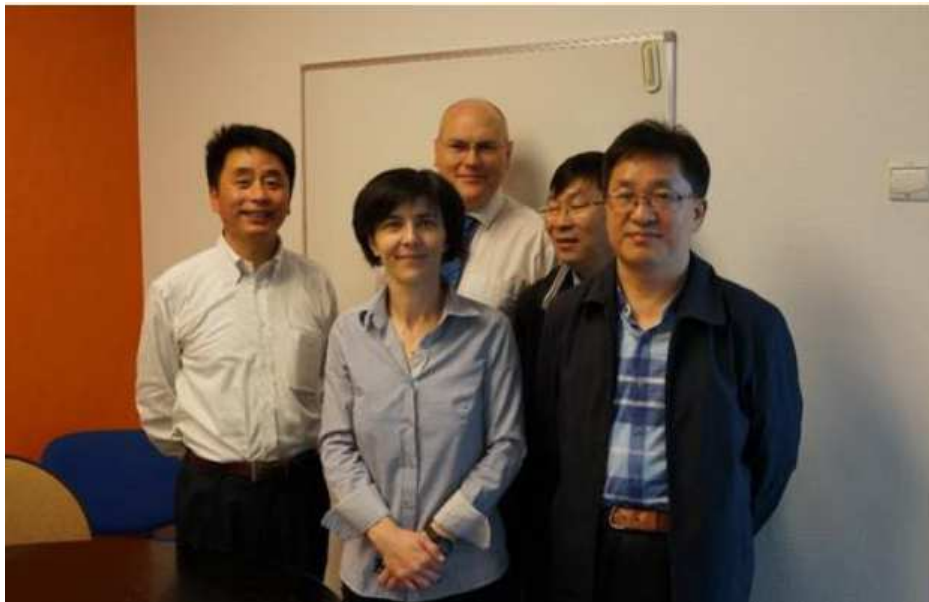


Data can be downloaded from ESDAC:

<http://esdac.jrc.ec.europa.eu/content/global-soil-biodiversity-maps-0>

Preparation of the 6th ICEC 2018

On June 16, 2016, Prof. Liu Guangquan, Deputy Director, and Prof. Liu Cheng, Deputy Division Chief of IRTCES visited the University of Caen, France to prepare for the 6th International Conference on Estuaries and Coasts (ICEC 2018) to be held in 2018 in Caen, France.



Group photo after the meeting

Ms. Anne Guesdon, Vice President of the University of Caen, welcomed the IRTCES delegation and had a friendly meeting with participants including Prof. Kim Dan Nguyen, Executive Director of the Scientific Interest Group “Hydraulics for Environment and Sustainable Development” (GIS HEDD) which is the co-organizer of ICEC 2018, and Dr. Sylvain Guillou, University of Caen (Normandie). Prof. Liu Guangquan expressed appreciation to the University of Caen and GIS HEDD for the warm reception, briefed on the IRTCES and the ICEC, and discussed specific issues relating to preparation for the ICEC 2018 and made some suggestions on the conference organization.

Conference details concerning the date, schedule, participants, keynote presentations, co-sponsors, proceedings and technical tours were discussed. After the meeting, the IRTCES delegation visited the place for registration, the conference hall for plenary sessions, the meeting rooms for parallel sessions, and the room for post sessions, accompanied by French colleagues. The specific layout and the arrangement for the conference were discussed. Mont Saint-Michel and the Couesnon Sluice, places of interest for the ICEC 2018 technical tour were visited.

UNESCO-IHP-ISI, IAHR, WASER etc. will be invited as co-sponsors of the IECE 2018.

EGU2017 Call-for-sessions

We hereby invite you, from now until 09 Sep 2016, to take an active part in organizing the scientific programme of the conference.



Please suggest:

- (i) new sessions with conveners and description and
- (ii) modifications to the skeleton programme sessions. Explore the EGU2017 Programme groups (PGs) above, when making suggestions.

Study those sessions that already exist and put your proposal into the PG that is most closely aligned with the proposed session's subject area.

If the subject area of your proposal is strongly aligned with two or more PGs, co-organization is possible and encouraged between PGs. Only put your session proposal into one PG, and you will be able to indicate PGs that you believe should be approached for co-organization.

Please note that EGU introduced the Programme group Interdisciplinary Events (IE) in 2016. IE looks for links between disciplines in a coordinated and coherent effort, trying to create new approaches that would not be possible if handled separately. IE has four sub-programme groups that highlight new themes each year. If you plan to propose an Interdisciplinary Event, please submit your proposal in Programme group IE and indicate relevant other Programme groups in the session description or comment box. For IE sessions we kindly ask to identify another Programme group that becomes the scientific leader of the event. Accepted IE sessions will be part of the session programme of the scientific leader in addition to the IE programme.

If you have questions about the appropriateness of a specific session topic, please contact the officers for the specific EGU2017 Programme group.

Details at:

<http://meetingorganizer.copernicus.org/EGU2017/provisionalprogramme>

International Decade of Soils (2015-2024)

In the course of the highly successful conference Celebration of International Year of Soils 2015 – Achievements and Future Challenges, which attracted more than 120 participants from all over the world, a draft version of the Vienna Soil Declaration ‘Soil matters for humans and ecosystems’ was adopted and the International Decade of Soils (2015-2024) proclaimed by Rainer Horn, IUSS President.

In the ‘Vienna Soil Declaration³’ of Dec. 7, 2015, the IUSS has identified the key roles played by soils in addressing the major resource, environmental, health and social problems which humanity is currently facing. Given this situation, the IUSS believes that it is incumbent on IUSS members to not only maintain the level of activity generated in IYS 2015 but to increase the momentum and the extent of our contributions on these issues as we move towards the Centenary of the IUSS formation in 2024.

The Executive Committee and the Council of the IUSS will play a pivotal role in setting overall objectives and directions during this period. However, it is essential that all Divisions, Commissions, Working Groups, National, Regional and individual Members accept the challenge to undertake activities to ensure that the significance of soils in maintaining healthy life and environment remain continually at the forefront of political and scientific planning and decision making.

The International Decade of Soils shall thus be a continuation of the efforts made during the International Year of the Soils 2015. It will be marked by a number of activities on the national and international levels.

IUSS plans to play a key role in education, dissemination of information, issuing informative press statement on key issues, coordinating activities across the world through our National Members (e.g. World Soils Day) and maintaining a historical record and collecting personal biographies.

As a first step, a **logo** was designed:



Planned future activities

Public outreach: It is important to show the emotional and cultural relevance of soils to reach the general

public and other target groups. Partnerships will be forged with other international organizations (e.g. IAEA, CGIAR, UNEP, World bank, WWF, Friends of the Earth, ...) who could help propagate IDS messages and support us in our endeavours. Furthermore, interested media (National Geographic, Discover, ...) will help us to reach the general public and companies who share the same values, as well as others who wish to propagate IUSS IDS messages through their own channels by becoming “soil ambassadors”; all working together with potential sponsors, who would benefit from publicly showing their interest in protecting soil etc.

Education: The main focus of our activities should be on school age children (who will be teenagers and young adults in 10 years’ time). Some young children’s books already exist; we could assist with their translation into other languages. Web based material needs to be developed (together with teachers notes) that would target several age groups (including adults). When this material has been developed it could again be translated into other languages. Another idea put forward was to create a soil jigsaw which would allow every person doing the jigsaw to make their own world of soils.

Dissemination of information: The IUSS will act as an independent, reliable source of information about soils and their role in key areas affecting humanity, such as: food production, food security, climate change, carbon sequestration, nuclear contamination, etc. It is important that we communicate regularly and directly with the general public on these and many other issues. Soil book series: Following the very successful publication of Soil Matters- solutions under foot⁴, a series of books on new and upcoming topics is planned. The next book in this series will be on urban soils and shall be published by the end of 2016.

Personal biographies: IUSS has prepared documents to guide the collection of personal biographies through a series of interviews or personal statements and plans to run trials over the next few months using an initial template. Following this initial period, the process will be refined based on the feedback from interviewers and the project will be disseminated more widely through international contacts and National Member Societies. Based on these interviews it will be possible to publish a collection of Personal Biographies for the Centenary celebrations.

Detailed information please find at the IUSS BULLETIN (128), which was released in June, 2016. Free download here: http://www.iuss.org/files/iuss-bulletin128_72dpi.pdf

Inaugural Kenya National Conservation Agriculture Conference

The first National Conservation Agriculture Conference kicked off on 10th May 2016 at Safari Park Hotel.



The two day conference whose theme is ‘Kuimarisha Kilimo Hifadhi, ‘Boresha Kilimo, Boresha Mapato, Boresha Maisha’ is supported by the Ministry of Agriculture, Livestock and Fisheries, European Union and Food and Agriculture Organization of the United Nations (FAO).

The Conference brought together key stakeholders to discuss Conservation Agriculture (CA) and its impact on agricultural productivity. Participants were drawn from both levels of government, development partners, farmers and farmer organizations, manufacturers of farm inputs and machinery and agriculture experts and students from learning institutions.

It was officially opened by Agriculture, Livestock, and Fisheries Cabinet Secretary Willy Bett who was represented by Livestock Principal Secretary Dr. Andrew Tuimur and closed by Fisheries Principal Secretary Prof. Micheni Japhet Ntiba.

The Vice Chair and Governor H.E Salim Mvurya, from Kwale County, represented the Council of Governors. Other Governors present were; H.E Joshua Irungu (Laikipia County). H.E John Mruttu (Taita Taveta County), Amason Kingi (Kilifi), and H.E Hussein Dado (Tana River County). The Council of Governors emphasized their support towards Conservation Agriculture initiatives which includes; mobilization of farmer organizations, incentives to cooperatives and support to capacity building.

There are four (4) major resolutions that were reached after deliberations with all key stakeholders in attendance.

This news was obtained through ACT May 2016. Get more information on:

<http://www.kilimo.go.ke/index.php/2016/05/16/nationalconservation-agricultureconference-held/>



WASWAC MEMBERSHIP APPLICATION/RENEWAL FORM (Issued 120501)

(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.

- 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.

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): World Association of Soil and Water Conservation

Bank Name and Address: China Construction Bank, Shoutinanlu Branch, Beijing, China, No. 9 Shoutinanlu Street, Haidian District, Beijing, P R China

A/C NO.: 1100 1042 7000 5301 6996

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.