



The Second International Youth Forum on Soil and Water Conservation
(2nd IYFSWC) and ICCE symposium 2018 "Climate Change Impacts on Sediment Dynamics:
Measurement, Modelling and Management"

27-31 August, 2018

<http://www.eng.geogr.msu.ru/IYFSWC>

2nd circular

Conference will address:

- Challenges/actions of soil and water management in the changing world
- Mechanism/processes and modelling of soil degradation
- Innovation of technology of soil and water conservation
- Ecological restoration and regional sustainable development
- How to play the roles of youth in soil and water conservation
- Climate change as a driver of erosion, sediment dynamics, and river morphology transformation
- Influence of climate change on water quality and drinking water treatment and supply
- Erosion and sediment transport models and river basin management tools

Conference program will include:

- Plenary lectures by keynote speakers – internationally recognized scientists
- Oral and poster thematic sessions
- Field excursion to the World largest hydro-technical projects – water transfer from Volga River to Moscow city
- Cultural program in Moscow
- Post-conference tours to the cities of Saint-Petersburg and Kazan
- Extra-program – special thematic part-time courses for young scientists . The participants of the workshops will get official diploma of Moscow State University

Keynote speakers

1. *Integration of monitoring and modelling soil erosion at multiple scales (plot, field, farm, catchment, national, global) for understanding, predicting and managing erosion dynamics and application for soil conservation*
Keynote lecturer: P. Panagos (European Commission - Joint Research Centre Italy · Ispra) Division
2. *Techniques and experimental platforms (plot, field, farm, landscape) for quantitative assessment of sheet, rill and gully erosion* **Keynote lecturer: Jean Poesen** (Geography and Tourism Department Earth and Environmental Sciences, KU Leuven Belgium GEO-INSTITUTE)
3. *Monitoring/modelling water and sediment yields (and associated contaminant yields) at multiple scales*
Keynote lecturer: Prof. Tingwu Lei (China Agricultural University)
4. *River basin: sediment transport, reservoir sedimentation and management*
Keynote lecturer: Helmut Habersack (University of Natural Resources and Life Sciences, Vienna, Austria).
5. *Social-economical factors of soil and water conservation in the different landscape zones*
Keynote lecturer: Miodrag Zlatic (Belgrade University, Faculty of Forestry)

Key organizers

Faculty of Geography, Lomonosov Moscow State University (FG MSU) is among the world's largest geography centers in the World. It has a broad range of research areas and specializations including Water and Soil research (represented by Department of Hydrology and Department of Landscape Geochemistry and Soil geography). Erosion and fluvial process research is conducted in connection with the Inter-university council on fluvial and erosion research. The council was organized in 1989 by MSU to bring together experts in the field of fluvial hydrogeomorphology from Russia, post-Soviet countries, Poland, Germany, Norway etc.

International Commission of Continental Erosion (ICCE) is one of the Commissions of the International Association of Hydrological Sciences (IAHS) with over 30 years of history. ICCE symposia traditionally attract scientists working on erosion, transport and deposition of sediment and associated nutrients and contaminants. The most recent meetings were held in New Zealand (2008), Poland (2010), China (2012), USA (2014) and the UK (2016).

The World Association of Soil and Water Conservation (WASWAC) as a worldwide academic society, was established in USA in August 1983. The WASWAC secretariat is now located in the International Research and Training Center on Erosion and Sedimentation (IRTCES). WASWAC encourage wise and sustainable use and conservation of soil and water resources through identification and solution of problems by scientific and professional communities and through education of policymakers on dangers of misusing these resources.

Special issues in WOS/Scopus journals based on conference presentations:

International Soil and Water Conservation Research; Geography, Environment, Sustainability journal
Proceedings of the International Association of Hydrological Sciences (PIAHS)





Outstanding Youth Paper Award

The World Association of Soil and Water Conservation (WASWAC) will evaluate 10 papers as part of the Outstanding Youth Paper Award from the presentations submitted by young people who are not older than 40 years by the end of 2018. Each awardee will win a \$1000 (USD) prize and may get some reduction of expenses during the Forum. The awarded paper will be published in the journal **International Soil and Water Conservation Research (ISWCR)**, which is hosted by Elsevier (more information from <http://www.eng.geogr.msu.ru/IYFSWC>).

Training course “Water-related natural hazards: measurement and modeling”

1. Thematic lectures from internationally recognized scientists:
2. Workshops: “Open source datasets in hydrology”;
“Catchment-scale modelling tools in water and water quality: ECOMAG”;
“Erosion modelling for sediment budget assessment and predictions”
“Tracers in hydrology: experiments and laboratory tests”

Detailed program coming soon

Tuition fee for the participants of IYFSWC/ICCE conference: 60 Euro (to be confirmed)
The participants of the workshops will receive an official certificate (diploma) from Lomonosov Moscow State University



Registration fees

Including e-proceedings, coffee, lunch, welcome reception.
General participants: 300 (early bird) – 350 (regular) EUR,
Student: 150 (early bird) – 200 (regular) EUR.

Registration and abstract submission will be open on 15 January 2018

Key dates

- Registration opens **15 January 2018**
- Abstract submission deadline **15 March 2018**
- Registration & fee payment deadline (early bird) **01 May 2018**
- Notice of abstract acceptance **15 April 2018**

Conference venue: Conference will take place at the main campus of Lomonosov Moscow State University.



Scientific committee

- Li Rui (President of WASWAC Council)
- Miodrag Zlatic (Chairman of WASWAC Organization Committee)
- Ning Duihu (Secretary General of WASWAC)
- Lei Tingwu (Deputy President of WASWAC)
- José Luis Rubio (Deputy President of WASWAC)
- Suraj Bhan (Deputy President of WASWAC)
- Roberto Peiretti (Deputy President of WASWAC)
- Rachid Mrabet (Deputy President of WASWAC)
- Julian Dumanski (WASWAC)
- Nikolay Kasimov (Acad, FG MSU president)
- Adrian Collins (President of ICCE)
- Michael Stone (Past President of ICCE)
- Valentin Golosov (Past President of ICCE)
- Paolo Porto (ICCE Secretary)
- Kazimierz Banasik (Vice-President of ICCE)
- Sergey Chalov (Vice-President of ICCE)
- Dieter Rickenmann (Vice-President of ICCE)
- Daniil Kozlov (Vice director of V.V. Dokuchaev Soil Science Institute, Russia)
- Sergey Shoba (Dean of Faculty of Soil Science, MSU)
- Vyacheslav Vasenev (Peoples' Friendship University of Russia)

Local organizing committee:

LOC Chair: prof. Sergey Dobrolyubov, Faculty of Geography MSU
Dean.

Members: Dr. Sergey Chalov, Alexey Maslakov, Dariya Litovchenko, Anatolii Tsyplenkov, Maxim Ivanov.

Contact e-mails: iyfswc-2018@geogr.msu.ru;
geogr.msu@mail.ru

Sponsors:

