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

WASWAC Website: www.waswac.org



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WASWAC President's New Year Message of 2020

Dear WASWAC Councilors, Advisors, Regional Representatives and all members,

The time goes really fast! 2019 will be ended soon. At the New Year's Eve of 2020, I would like to express the heartfelt blessing to you and your family on behalf of WASWAC for your great contribution to soil conservation in the world and valuable support to WASWAC in the past year.

In 2019, WASWAC has achieved a great progress in many aspects with the supports from all of you. Management of Council and secretariat is becoming more and more normalization and institutionalization. More new members joint our family. The official journal ISWCR has been indexed into SCIE series. The WASWAC Book won the financial support for publication and will be printed soon. WASWAC has established more closer link with many international organizations, such as FAO, UNESCO, GSP, IUSS, ISCO, ESSC, SWCS, LDD, SCSi and so on. WASWAC initiated the project on Global Soil Erosion Assessment and Mapping has made many progresses which brought attention from FAO project of GSER map. Last month we successfully held the fourth World Conference in India. The new council and president for the term of 2020-2022 has been elected. I believe WASWAC will have a more great future under the leadership of new council and president with the valuable support of yours.

It is now well-known that soils are fundamental to life on earth. But pressures on soil resources are reaching critical limits due to unsustainable human activities driven by a rapidly growing global population and increased demand for food, feed and natural resources. It is estimated half of the topsoil on the planet has been lost in the last 150 years due to soil erosion. Among the different threats soils are facing, erosion is the number one threat. It is big and severe challenge for researchers who are working on soil erosion and related fields. We should make more efforts to promote the global soil and water conservation.

I hope all of you a very prosperous 2020!

Prof. Li Rui

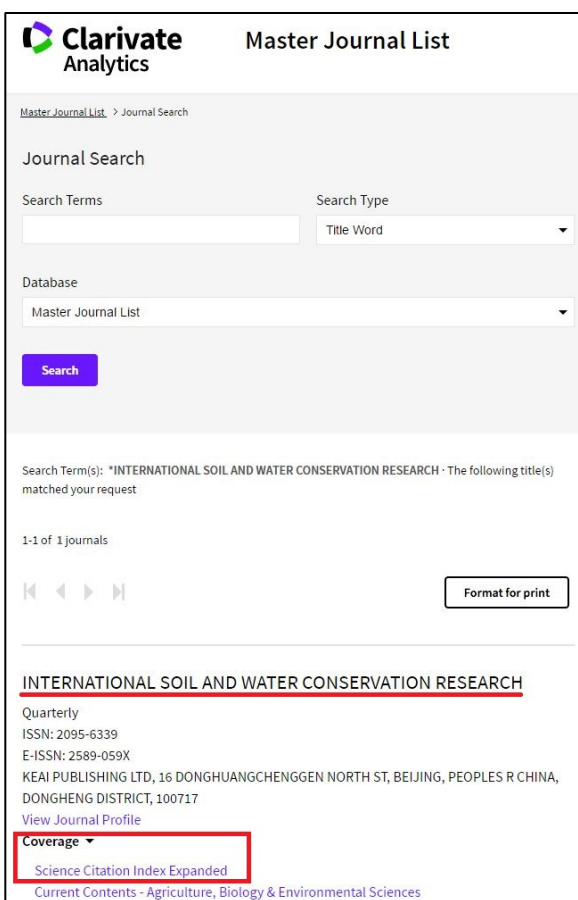
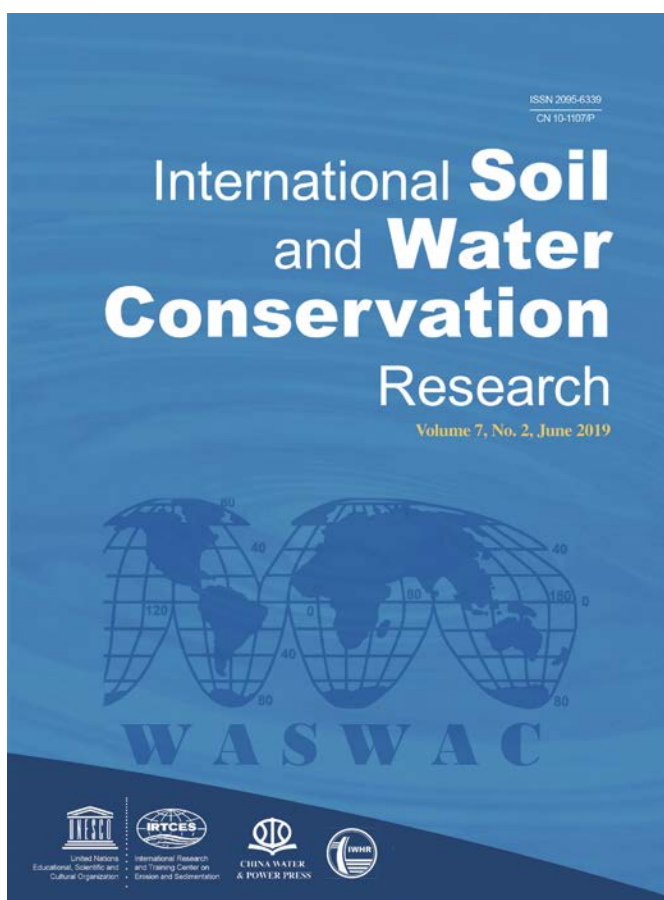
President of WASWAC

Summary Report of WASWAC in 2019

It is time to say goodbye with the year of 2019, as the new year of 2020 is around the corner. To look back upon the past 12 months, we are happy that many works have been done, a series of progress have been made, following please find the brief summary.

1. The official journal ISWCR is Indexed by SCIE

According to Clarivate Analytics news, ISWCR, the official journal of WASWAC, has been indexed by Science Citation Index Expanded (SCIE).



Clarivate Analytics Master Journal List

Journal Search

Search Terms: Search Type: Title Word

Database: Master Journal List

Search

Search Term(s): *INTERNATIONAL SOIL AND WATER CONSERVATION RESEARCH · The following title(s) matched your request

1-1 of 1 journals

Format for print

INTERNATIONAL SOIL AND WATER CONSERVATION RESEARCH

Quarterly
ISSN: 2095-6339
E-ISSN: 2589-059X
KEAI PUBLISHING LTD, 16 DONGHUANGCHENGGEN NORTH ST, BEIJING, PEOPLES R CHINA, DONGHENG DISTRICT, 100717
View Journal Profile

Coverage: Science Citation Index Expanded
Current Contents - Agriculture, Biology & Environmental Sciences

ISWCR initiated in June 2013, is a quarterly academic journal in English and publishes in Science Direct of Elsevier with open access globally. The journal will acquire its first impact factor in the second year in 2020.

All ISWCR papers can be free to access via the official website:

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

2. The WASWAC World Conference IV was held in India

The WASWAC World Conference IV was successfully held at New Delhi, India, during the period of November 5-9, 2019. The theme of the conference is “Soil and Water Resources Management for Climate Smart Agriculture and Global Food and Livelihood Security”. Totally 263 participants from 13 countries attended this conference, and 13 keynote reports, 34 lead presentations, 186 oral presentations and 227 poster presentations were arranged to discuss more details in the following topics: soil degradation assessment and remediation, water resource conservation and management, climate smart techniques for sustainable agriculture, land use planning and management for food and livelihood security, biodiversity conservation and strategic soil and water management, future strategies for resource conservation to mitigate climate change, next generation nutrient and water management in agriculture, socio economics issues in resources management for livelihood security, policy interventions in soil and water management for global food security, bio-industrial approaches to watershed for food and livelihood security, geospatial techniques and simulation modeling for soil and water management, and new paradigms in soil health and nutrient management.



The opening ceremony of WASWAC World Conference IV

3. New council and president have been elected

The new council for next term was established. In WASWAC council meeting that held on November 6th during the World Conference IV in India, many things related our association, such as the award nomination and evaluation, publication, application for next Youth Forum and Conference, development of international cooperation, improvement of Youth committee, and so on, have been discussed.

A good news for everyone, it is time to make a conference plan to join us in advance. The International Youth Forum III of Soil and Water Conservation will be held in Iran in 2021, and the WASWAC World Conference V will be held in Czech Republic in 2022. We hope to see you then in Iran and Czech Republic!



Application of International Youth Forum III and WASWAC World Conference V

In the procedure of next term president election, Prof. Ning Duihu acquired support from the councilors and to be served as the new president of WASWAC for the term of 2020-2022.



The group photo for participants of council meeting



Prof. Ning Duihu is giving speech

4. WASWAC Awards were released

The awards were released during the WASWAC World Conference IV. The winners of WASWAC Award for the period of 2017-2019 are listed as follows. Congratulations for all the winners who have made great contribution to soil and water conservation.

Award Type	Year	Winner	Country
Norman Hudson Memorial Award	2017	Edoardo A. C. Costantini	Italy
	2018	Rainer Horn	Germany
	2019	Jose Luis Rubio	Spain
Distinguished Research Award	2019	Rachid Mrabet	Morocco
		Zhanbin Li	China
		Pasquale Borrelli	Switzerland
Distinguished Extensionist Award	2019	Seyed Hamidreza Sadeghi	Iran
		Amir Kassam	UK
		Donald C. Reicosky	USA
Special Contribution Award	2019	Julian Dumanski	Canada
		Suraj Bhan	India



Prof. Edoardo A.C. Costantini



Prof. Rainer Horn



Prof. Jose Luis Rubio



Prof. Rachid Mrabet



Prof. Zhanbin Li



Prof. Pasquale Borrelli



Prof. Seyed Hamidreza Sadeghi



Prof. Amir Kassam



Prof. Donald C. Reicosky



Prof. Julian Dumanski



Prof. Suraj Bhan

The winners of WASWAC Awards



The WASWAC awards ceremony

5. WASWAC Book publication

Degradation of Soil and Water Resources, the WASWAC Book is almost finished. Its cover has been designed, and its samples was displayed in the WASWAC World Conference IV. In 2020, it will be available to be printed and to be distributed.



6. Global soil erosion assessment and mapping

The project of “Global soil erosion assessment and mapping” is going well. In May, a delegate led by president Li Rui, attended the Global Symposium on Soil Erosion that was held in Rome, Italy. In this symposium, our president given a report about the introduction of this project. In view of the important progress of this project and its instructive role for the global soil erosion evaluation, attention has been paid by the Food and Agriculture Organization (FAO).

In the following “Global Soil Erosion Assessment Forum”, which was held in Xi’an in the beginning of December, 2019 (details report is available in this issue), Dr, Rosa Poch, the president of FAO Inter-government technology of soil, and Dr. Clara Lefevre, the FAO Global partnership soil consultant, were both invited to take part in this activity.



Prof. Li Rui is in the Global Symposium on Soil Erosion



Global Soil Erosion Assessment Forum

7. To develop the routine works of Secretariat

All routine works of the secretariat of our association was going smoothly. Total 65 new members from countries such as China, Iran, Poland, Sri Lanka have been registered; Hot News was edited and sent to all our members; Website operation steadily and safely; Many international communications and exchanges have been done, etc.

All achievements were made with all our members' help, we hope that you could support WASWAC continuous as what you have done for the association, and we believe a brighter future is waiting for us, WASWAC must be better and better!

With the arrival of 2020, wish all of you and all your families a very prosperous New Year.



Second General Assembly of the Chinese Society of Soil and Water Conservation was held in Xi'an, China

The 2nd General Assembly of the Chinese Society of Soil and Water Conservation was held in Xi'an, Shaanxi province on December 5-6, at the time of the 6th "World Soil Day". The theme of this conference is "Focus on protection, strengthen regulation, build a healthy Yellow River for better living standards of the people". It was hosted by the Chinese Society of Soil and Water Conservation, organized by Institute of Soil and Water Conservation of CAS & MWR, Institute of Soil and Water Conservation of Northwest A&F University, Upper and Middle Yellow River Bureau, State Key Laboratory of Soil Erosion and Dryland Farming on the loess Plateau, and parallel sessions and forums were organized by World Association of Soil and Water Conservation, International Research

and Training Center on Erosion and Sedimentation, School of Soil and Water Conservation of Beijing Forestry University, and Chinese Society of Soil and Water Conservation and other 10 professional committees. More than 1100 experts and researchers from Chinese Society of Soil and Water Conservation, Chinese Academy of Engineering, FAO Global Soil Partnership, FAO Inter-government committee on soil technology, World Association of Soil and Water Conservation, and other institutes, universities, designing organizations, academic societies attended the conference.



Ten parallel sessions were set up during the conference, including soil and water conservation and rural revitalization, assessment of global soil erosion, development of soil and water conservation major, environmental effects of soil and water conservation, management forum, and youth academic forum. Discussion topics involved prevention and supervision, ecological clean small watershed, landslide erosion and control, mountainous hazards and ecological disasters reduction, dynamic monitoring and information technology of soil and water conservation, engineering afforestation and green mining, ecological restoration of trees and grasses, prevention and control of desertification, urban soil and water conservation, soil erosion, etc. A total of 334 experts and scholars presented their studies at different sessions and forums, and a total of 239 papers were collected.

The session assessment of global soil erosion was co-sponsored by the International Research and Training Center on Erosion and Sedimentation, World Association of Soil and Water Conservation, and the international cooperation committee of the Chinese Society of Soil and Water Conservation. To celebrate the World Soil Day, this session used "Prevent soil erosion, save humanity in the future" as the theme. Session invited the president of FAO Inter-government technology of soil, Rosa Poch, FAO Global partnership soil consultant, Dr. Clara Lefevre, and soil erosion assessment expert team

from China to discuss the topic of assessment and experiences of global and regional soil erosion.



This session is an important part of the conference, focusing on regional soil erosion model, global mapping of soil erosion and soil erosion factors extraction, China's policy for investigation and soil erosion prevention. Dr. Rosa Poch presented a report on best practices for addressing soil erosion and the economics of soil erosion. Ms. Clara Lefevre presented the report on GSER map and policies to combat soil erosion. President of WASWAC, Prof. Rui Li, director of the State Key Laboratory of the Loess Plateau Soil Erosion and Dryland Agriculture, Prof. Baoyuan Liu, Northwestern University Prof. Qinke Yang introduced research progress of global soil erosion assessment and mapping and soil erosion of the extensive third pole. Prof. Yun Xie from Beijing Normal University and Dr. Aijuan Wang from the Soil and Water Conservation Monitoring Center, MWR, and other experts introduced the methods and results of soil erosion surveys in China. Prof. Duihu Ning from IRTCES and Prof. Fei Wang from the Institute of Soil and Water Conservation, MWR & CAS, introduced the evolution and evaluation of soil and water conservation policies in China. The session also organized two panel discussions, during which experts exchanged views on the future in-depth participation of relevant Chinese agencies in the ongoing global mapping of soil erosion and the evaluation of soil and water conservation policies by FAO, and also had in-depth exchanges and heated discussions on the

techniques and methods of regional soil erosion evaluation.



Global Soil Erosion Assessment Forum

With a global perspective on soil erosion, the session opened a window to the world to present the research results of Chinese scholars on global and regional soil erosion assessment. At the same time, it is also a beneficial attempt to seek cross-regional cooperation among different international organizations, government agencies and scientific research institutions, thus establishing a bond and bridge for further regional cooperation.

Contents of the ISWCR, Volume 7, No.4



C. Dazzi, G. Lo Papa

Soil genetic erosion: New conceptual developments in soil security

<https://www.sciencedirect.com/science/article/pii/S2095633919301790>

A. Almagro, T.C. Thomé, C.B. Colman, R.B. Pereira, J. Marcato Junior, D.B.B. Rodrigues, P.T.S. Oliveira

Improving cover and management factor (C-factor) estimation using remote sensing approaches for tropical regions

<https://www.sciencedirect.com/science/article/pii/S2095633919301832>

A.E. Rahma, D.N. Warrington, T. Lei

Efficacy of wheat straw mulching in reducing soil and water losses from three typical soils of the Loess Plateau, China

<https://www.sciencedirect.com/science/article/pii/S2095633919301819>

A. Ansari, M.H. Golabi

Using Ecosystem Service Modeler (ESM) for Ecological Quality, rarity and Risk Assessment of the wild goat habitat, in the Haftad-Gholleh protected area

<https://www.sciencedirect.com/science/article/pii/S2095633919301820>

M. Sileshi, R. Kadigi, K. Mutabazi, S. Sieber

Determinants for adoption of physical soil and water conservation measures by smallholder farmers in Ethiopia

<https://www.sciencedirect.com/science/article/pii/S2095633919301807>

C. Van Huynh, C.T. van Scheltinga, T.H. Pham, N.Q. Duong, P.T. Tran, L.H.K. Nguyen, T.G. Pham, N.B. Nguyen, J. Timmerman

Drought and conflicts at the local level: Establishing a water sharing mechanism for the summer-autumn rice production in Central Vietnam

<http://www.sciencedirect.com/science/article/pii/S2095633919300103>

F. Mengistu, E. Assefa

Farmers' decision to adopt watershed management practices in Gibe basin, southwest Ethiopia

<http://www.sciencedirect.com/science/article/pii/S2095633919301844>

F. Naghizade Asl, H.R. Asgari, H. Emami, M. Jafari

Combined effect of micro silica with clay, and gypsum as mulches on shear strength and wind erosion rate of sands

<http://www.sciencedirect.com/science/article/pii/S2095633919300115>



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COMING MEETING



100th Anniversary Congress
University of Belgrade - Faculty of Forestry

September 22-25, 2020, Belgrade, Serbia

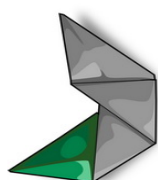
About the Congress

Building on the 100-year old experience, University of Belgrade – Faculty of Forestry organizes an international Congress which will provide updated scientific, decision-making and policy-relevant information across a broad array of different forestry, landscape architecture and horticulture, wood science and technology, and ecological engineering in soil and water protection issues and related scientific disciplines. The emphasis will be on state-of-the-art research, which is now telling us about the present and future change within these topics and its implications for policy- and decision-making. Organized to include plenary and breakout sessions covering both disciplinary and interdisciplinary perspectives, results from the various sessions will be used in shaping future science priorities and strategies across the Faculty of Forestry activities.

Author Guideline

- ✚ The official language of the Congress is English. English will be used for all printed materials, presentations and discussions.
- ✚ Presentation is not compulsory for participation. Authors are limited to two presentations/papers as the first author.
- ✚ Please note that only the abstracts/full papers, whose authors or presenters have paid at least one registration fee, will be published in the Book of Abstracts/Proceedings/Journals.
- ✚ The Book of Abstracts will be published before the Congress and the Proceedings will be published after the Congress.
- ✚ All contributions will be refereed by the Scientific Committee and style of presentation (oral or poster) will be assigned by the relevance of topics and authors' preferences.

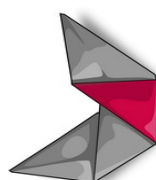
CONFERENCES AND TOPICS



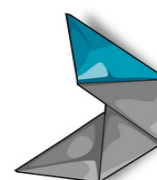
Forestry



Forest-based industries:
innovations and
challenges in wood
science and technology



Toward new trends in
landscape architecture
and horticulture



Ecological engineering in
soil and water resources
protection

A brief report for the 14th National Seminar on Watershed Management Sciences and Engineering of Iran

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The 14th National Seminar on Watershed Management Sciences and Engineering of Iran with main theme of “Watershed Management and Integrated Management of Water and Soil Resources” and following subthemes was held on July 16 & 17, 2019 with cooperation of Urmia University and Watershed Management Society of Iran at Urmia Lake Research Institute (Urmia University), West Azerbaijan Province, Iran. The main topics including:

-  Watershed management and crisis management of the Urmia Lake
-  Hydrological behaviors of inland water ecosystems
-  Interaction between natural and human factors in water and soil crises
-  Monitoring and assessing the performance of watershed management measures in reducing environmental crises
-  Technologies and tools for watershed changes forecasting
-  Policies, laws, plans and governance in the management of watersheds

Totally, more than 430 articles were initially submitted to the seminar, of which about 80 articles were selected for oral presentations and 279 were accepted for poster presentation. To hold this seminar, various committees, including the organizational, executive and student committees have

been involved. The scientific and executive chapters were punctually handled by Dr. Hiran Abghari and Dr. Habib Nazarnejad from Urmia University.

More than 350 participants including different scientists, professors, researchers, students and experts participated in the seminar and provided their latest research findings in the different fields of watershed and natural resources management. Many other managers, decision makers and experts attended in the seminar from “Watershed Management Society of Iran”, Forest, Rangeland and Watershed Management Organization (FRWO) in national and provincial levels, Ministry of Energy, Ministry of Jihad-e- Agriculture, Interior Ministry, Management and Planning Organization, etc. The opening ceremony was started at 8:30 and terminated at 11:00 in July 16, 2019 by the presence of honorable Chancellor of Urmia University (Dr. Hobe Naghi), honorable Chancellor of Gorgan University of Agricultural Sciences and Natural Resources (Dr. Ali Najafinejad), Deputy of Watershed Management, Rangeland and Desert Affairs of FRWO (Dr. Shahbazi), Dean of Faculty of Natural Resources on Urmia University (Dr. Alijanpour), Dean of Institute of Urmia Lake Studies (Dr. Zeinalzadeh) and local authorities.



The opening ceremony

The seminar was then continued in three parallel professional sessions with oral and poster presentations. During the first day of the seminar and after open ceremony program, the workshop entitled “Visualizing the Urmia Lake Changes by Processing of Sentinel (A & B) Satellite Imageries during the last recent years” was held by Prof. Dr. Ali Akbar Rasouli Pirouzian, Department of Environmental Science, Faculty of Sciences and Engendering, Macquarie University, Sydney, NSW, Australia. The total number of 54 people participated the workshop.



Speech of Prof. Dr. Rasouli Pirouzian (Australia) and Prof. Dr. Seyed Hamidreza Sadeghi (Iran)

In addition to paper presentations, some other programs such as Scientific-student Olympiad and Photography Contest were held. Besides three discussion sessions and round tables were also successfully held on the Urmia Lake issues, Watershed Management Performances and Mega Project on Integrated Watershed Management of Iran.

Finally, through the closing ceremony of the seminar, the selected oral and poster papers were introduced and thanking ceremony were taken place. After the seminar, two visiting tours from the Urmia Lake and Urmia City were planned.



The Urmia Tour and the indoor seminar group photo



WISH YOU A HAPPY NEW YEAR!

