

WORLD ASSOCIATION FOR

SEDIMENTATION AND EROSION RESEARCH

World Association for Sedimentation & Erosion Research – WASER

NEWSLETTER

Reporting WASER news to you regularly 2019 No. 2

WASER membership application/renewal form

Letter re regarding the election of the WASER

Council for 2019-2022 by Prof. G.Q. LIU

	(June 28	3, 2019	9)	
	THIS ISSUE	世界	泥沙研究学会简报	
News				
~	Election of WASER Council for the period 2019- 2022 (Sixth Term)	本期内容		
				
٧	Sediment Research Increases to 1.970	新闻		
\$	WASER Co-organized Session on 'Sediment	\$	学会第六届理事会(2019-2022)选举 1	
	Transportation and Geo-hazard Mitigation' held in	\$	《国际泥沙研究》期刊影响因子升至 1.970 1	
	Beijing during the SiDRR Conference 2		学会协办"一带一路"防灾减灾与可持续发展	
			国际学术大会输沙与地质灾害分会场 2	
	s from the Sediment World			
\diamond	International collaboration striving for a resilient	海沙	相关新闻	
	Silk Road at SiDRR Conference 2019 3			
	ISI convenes Sediment Management session during		"一带一路"防灾减灾与可持续发展国际学术	
	the 2019 World Hydropower Congress 4		大会在京召开 3	
\sim	Dramatic decrease of sediment in the Danube and Rhine Rivers 5		国际泥沙计划承办世界水电大会 2019 泥沙管理	
	Killile Kiveis 5		分会 4	
		♦	多瑙河和莱茵河沙量锐减 5	
Publ	ications			
	Papers Published in IJSR, Volume 34, No. 3 & No.	出版!	物	
	4, 2019	\$	《国际泥沙研究》期刊 2019 年第 34 卷第 3、4	
	Contents of ISWCR (Vol. 7, No.2, 2019)	Y	期论文目录 6	
	7	*	《国际水土保持研究》期刊 2019 年第 7 卷第 2	
		~	期论文目录 7	
	ing Events		州化义日水 /	
<>	38th IAHR World Congress (Panama, Sep. 1-6,	A 101	A. 144	
	2019) 8 14th International Symposium on River	会议	信息	
Y	14th International Symposium on River Sedimentation (Chengdu, China, Sept. 16-19, 2019)		第三十八届 IAHR 世界大会(巴拿马, 2019 年 9	
	Sedimentation (Chengda, China, Sept. 10-17, 2017)		月 1-6 日) 8	
	10th International Conference on Asian and Pacific		第十四次河流泥沙国际学术讨论会(成都, 2019	
	Coasts (Vietnam, September 25-28, 2019) 8		年9月16-19日) 8	
	River Flow 2020 (The Netherlands, 7-10 July 2020)		第十届亚太海岸国际学术研讨会(越南, 2019 年	
	9		9月25-28日) 8	
	World's Large Rivers Conference 2020 (Russia, 3-7		河流流动 2020(荷兰, 2020年7月7-10日) 9	
	August 2020) 9		世界大河学术讨论会(俄罗斯, 2020 年 8 月 3-7	

日)

WASER 会员申请/续新表

刘广全秘书长关于理事会选举的函

11

9

11

12

NEWS

Election of WASER Council for the period 2019-2022 (Sixth Term)

Dear Colleagues and Friends,

Please find a letter regarding the election of the WASER Council for 2019-2022 by Prof. Guangquan LIU, the Secretary General of WASER, and the ballot paper for your votes.

The Nominations Committee has produced a slate of recommendations for both the Officers and Ordinary Council Members, whose CVs may be read in the column "Experts" on the WASER website (http://www.waser.cn/). If you approve all 12 nominated candidates, you may simply reply by email mentioning "Yes, I approve all 12 nominated candidates"; If you approve some of the nominated candidates, please place a tick "P" in the square opposite the word "YES" in the ballot paper; If you wish you could add a new name to the list in the space provided, but in this case you are only permitted to register your votes for a maximum of 12 candidates.

I would request you to take the time to participate in the election of the WASER Council for 2016-2019 by registering your votes on the ballot paper and returning this to the WASER Secretariat (chliu@iwhr.com; cliu.beijing@gmail.com) by July 15, 2019. Thank you for your cooperation!

Voting is both a privilege and a responsibility. Your vote is your voice. I encourage you to use it.

(Please note: If you are a member of WASER Community, you also have the right to vote in the election of the WASER Council.)

With best regards

Sincerely yours, Liu Cheng

Executive Secretary General and Treasurer,

World Association for Sedimentation and Erosion Research (WASER).

[The letter regarding the election of the WASER Council for 2019-2022 by Prof. Guangquan LIU can be found in the end of the Newsletter; and the ballot paper can be found in the attached WORD file.]

Journal Impact Factor of International Journal of Sediment Research Increases to 1.970



The 2019 Journal Citation Reports (JCR) were released by Clarivate Analytics in June. The International Journal of Sediment Research Journal Impact Factor for 2018 is 1.970.

In the past three years, the Journal Impact Factor of IJSR has increased year on year: 1.494 in 2016 and 1.659 in 2017. We would like to express our sincere thanks to our Associate Editors, reviewers, authors and readers for their invaluable contribution and great support.

The International Journal of Sediment Research is an international, peer reviewed journal, focusing on the publication of original theoretical, numerical modelling, field observational and laboratory studies and reviews dealing with processes, products and techniques in the field of sedimentation and erosion. Of particular interest contributions covering geography, are geomorphology, erosion, watershed soil management, sediment transport, sedimentology, fluvial processes, fluvial geomorphology, reservoir sedimentation. coastal sedimentation estuarine processes, sediment-related ecological and environmental problems, river management, and social and economic effects of sedimentation. Researchers are encouraged to submit their important papers to the International Journal of Sediment Research.

The journal became the official journal of the World Association for Sedimentation and Erosion Research (WASER) in 2004. The journal has been available to a global audience electronically via the premier online platform ScienceDirect since 2008.

If you have any questions when submitting your paper, please email sedimentpaper@foxmail.com

The Journal website can be found at: https://www.journals.elsevier.com/international-

WASER Co-organized Session on 'Sediment Transportation and Geo-hazard Mitigation' held in Beijing during the SiDRR Conference



The World Association for Sedimentation and Erosion Research (WASER) and the Institute of Geographic Sciences and Natural Resources

Research, Chinese Academy of Sciences (IGSNRR, CAS) successfully co-organized a session on 'Sediment Transportation and Geo-Mitigation' during the International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development (SiDRR. http://www.sidrr.com) which was held on May 11-12, 2019 in Beijing, China, to promote international cooperation and collaboration on hazard mitigation and sustainable development in countries along the Silk Roads.

Experts from Canada, Italy, United Kingdom and China attended the session and shared their views and research progress focusing on the session theme. Eleven presentations (including six invited talks) were made during the session, with topics covering sediment connectivity, hazards and management in mountain basins; hydro-sediment-morphodynamic models and applications; sky rivers; and fluvial processes of incised rivers.

Organizers: World Association of Sediment Erosion Research (WASER)

Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences (CAS)

Convener: Zhaoyin WANG, Cheng LIU

Time	Speaker	Report Title	Chairman						
	Marwan HASSAN (Invited) The University of British Columbia	Linking landscape history to sediment connectivity and channel characteristics in mountain streams	Zhaoyin WANG Guo-An YU						
08:30-10:00	Zhixian CAO (Invited) Wuhan University	Shallow water hydro-sediment-morphodynamic models and applications							
	Francesco COMITI (Invited) Free University of Bozen-Bolzano	Sediment management in mountain basins: lessons learned in the European Alps							
10:00-10:20	Break								
	Xudong FU (Invited) Tsinghua University	Simulation of outburst flood for disaster mitigation of landslide barrier dams							
	Deyu ZHONG (Invited) Qinghai University/ Tsinghua University	Study on sky rivers: Concept, theory, and implications							
	Chao LIU (Invited) Sichuan University	Sediment related flash flood risk management research							
10:20- 12:30	Jun DU Comparative study on hazard analysis of mount torrent for Nam Ou River Basin, Laos Research Institute		Guo-An YU Zhaoyin WANG						
	Yuhai BAO Institute of Mountain Hazards & Environment, CAS	Variation of nearshore wave at the riparian zone of the Three-Gorge Reservoir, China							
	Lukuan MA Ocean University of China	In situ observations of wave-supported fluid mud processes on the Yellow River subaqueous delta							
	Guo-An YU Institute of Geographic Sciences & Natural Resources Research, CAS	Fluvial processes of the incised rivers in the lower Yarlung Tsangpo River							

NEWS FROM THE SEDIMENT WORLD

International collaboration striving for a resilient Silk Road at SiDRR Conference 2019



Efforts are being called for to strengthen science and technology innovation and cooperation in disaster prevention and mitigation and sustainable development along the Silk Road, striving for a safe, green and resilient Silk Road.

The call came from the International Conference on Silk-road Disaster Risk Reduction and Sustainable Development (SiDRR Conference 2019), which was co-hosted by the Chinese Academy of Sciences, the China Association for Science and Technology, the United Nations Environment Program, the United Nations Office for Disaster Risk Reduction, and the Alliance of International Science Organizations (ANSO).

More than 780 experts and scholars from over 40 countries and regions met in Beijing on May 11-12 to exchange ideas on how to make the areas along the Silk Road more sustainable and disaster-proof.

Chunli Bai, President of the Chinese Academy of Sciences, said in the conference's opening ceremony that areas along the Silk Road are prone to various natural disasters that have resulted in massive loss of life and economic damage. "As a result, it is paramount to use new technologies and international cooperation to jointly tackle these natural disaster risks, protect ecological security and achieve sustainable development," said Bai, who is also the President of ANSO, a group created to connect the scientific communities of Belt and Road participants.

Runqiu Huang, Vice-Minister of the Ministry of Ecology and Environment, said disaster risk reduction of natural hazards along the initiative is crucial for its success and sustainability. He said that due to the strong tectonic movement, rugged terrain, fragile geo-environment and extreme climate, many regions, especially the Tianshan-Pamir Plateau, the

Himalayas, the eastern part of the Qinghai-Tibet Plateau and South Asia, were severely affected by different kinds of geo-hazards, such as landslides, debris flows and glacial lake outburst floods. He called for international collaboration in linking research facilities and sharing knowledge to create a more effective disaster risk reduction platform and build a safe Belt and Road.

In a video speech, Mami Mizutori, the Special Representative of the UN Secretary-General for Disaster Risk Reduction and head of the UN Office for Disaster Risk Reduction (UNDRR), told the conference that the Belt and Road Initiative was one of the most important large-scale infrastructure development projects being carried out in the world. The scale and reach of the initiative will impact billions of people and reshape the physical world, and countries should be mindful of these projects' impact on the environment and inhabitants. "It is encouraging that the government of China is taking proactive measures to ensure that the development of the Belt and Road Initiative is risk-informed and sustainable," she added, "Disaster-proofing the world's largest infrastructure initiative is a challenge. but achievable," she said, adding that at the heart of this challenge lies great potential for innovation and creativity. Scientists and researchers can use this opportunity to create a new wave of innovation in disaster-resilient infrastructure and wide-scale disaster risk reduction. The impact of such innovation will certainly benefit the Belt and Road Initiative and beyond, she said.

Henrik Slotte, Chief of the Crisis management Branch of the Policy and Pogramme Division at the UN Environment Program, said poorly managed infrastructure projects can damage the ecosystem. He said it is key for scientists to communicate with government officials to create better planning and new solutions, and more interdisciplinary research into natural disasters and risk management is also helpful.

Participants of SiDRR Conference 2019 reached a consensus on the need for disaster risk reduction (DRR) and sustainable development through the announcement of the Beijing Statement, which is a scientific, technical and political dialogue for the better implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 and the 2030 Agenda for Sustainable Development.

Aligning with and contributing to the global Science and Technology Road Map to support the implementation of the Sendai Framework, the Statement recommended actions on 4 priorities and 9 initiatives, improving the understanding and

management of disaster risk, investing in DRR and SDG for resilience construction, enhancing disaster preparedness for effective response and post-disaster reconstruction.

Remarks were made by Dr. Fahu Chen of ANSO, Timothy Wilcox of UNDRR, Henrik Slotte of UNEP, Abdusattor Saidov of the Tajikistan Academy of Sciences, Philippe Pypaert of UNESCO, and Qiuming Cheng of IUGS at the Closing Ceremony

With the support of all participants, the Alliance of International Science Organizations on Disaster Risk Reduction was launched in the closing ceremony. The Alliance has already attracted around 30 institutions and universities from countries including China, Italy, Belgium, Nepal, Pakistan and Sri Lanka. It shares strong interests in DRR and a strong geographic focus on the Silk-road regions, sharing the vision of UN landmark framework agreements including the Sendai Framework, the 2030 Agenda, and the Paris Agreement on Climate Change. The Alliance will serve as a new platform for international coordination and provide scientific support for disaster relief and sustainable development.

The Alliance emphasizes enhancing disaster mitigation and response through multi-national and multi-disciplinary cooperation, such as with healthcare science; encouraging partnership with the engineering community; enhancing cooperation between natural and social sciences; focusing on higher education; contributing to disaster-proofing and resilient infrastructure; connecting with existing networks as well as private sectors. The Alliance also welcomes new partners to join in.

17 young scientists were awarded Best Oral Presentation Awards for Young Scientists in the closing ceremony, giving recognition to outstanding young scholars who are undertaking research related to disaster risk reduction and sustainable development.

The "Atlas of Silk Road Disaster Risk" exhibited at the conference attracted considerable attention. The Atlas with over 120 figures vividly illustrates the physical and social conditions, disaster characteristics, and typical disaster events along the Silk Road, visualizing the results of disaster risk assessment at multiple scales from the entire Silk-road area to the regional and local level. Along with the Atlas, the Report "Glance at the Silk Road Disaster Risk" provides a detailed explanation and description of all the maps contained in the Atlas. In addition, the human geographers and social scientists involved share their experiences in risk governance and management in the Report.

The conference had 19 keynote speeches, 347 oral presentations in 24 parallel sessions and 88 posters. The Silk-road Culture and Development Forum was held on May 12th for students from

middle school to college and for the public. A photo exhibition on the theme of Beauty Coexists with Disaster, Civilization Rises out of Disaster was staged to arouse public awareness of DRR and sustainable development.

(Source: SiDRR Conference 2019, http://www.sidrr.com/)

ISI convenes Sediment Management session during the 2019 World Hydropower Congress



The ISI convened a Sediment Management session with the IHA in Paris on May 15, 2019 during the 2019 World Hydropower Congress. Chaired by Dr. Anil Mishra, Programme Specialist of the UNESCO IHP, several experts were invited as panelists to made presentation and participate in discussions. The panelists included:

Mr. Luiz Henrique MALDONADO, Hydrometry Specialist, Itaipu Binacional;

Prof. Manfred SPREAFICO, Chairperson of UNESCO IHP ISI, Emeritus Professor, University of Berne:

Ms. Siri STOKSETH, R&D Manager and Dam Safety Coordinator, Statkraft AS;

Prof. George ANNANDALE, International Expert; and

Ms. María UBIERNA APARICIO, Specialist, International Hydropower Association

Managing sediment is of great importance in the context of climate change and integrated river basin development. Hydropower has a prominent role in achieving the Paris Agreement. Reservoir and run-of-river hydropower projects provide low carbon energy production, stability and reliability to the electricity grid, and water services. Alteration of the sediment budget in a catchment, in particular sedimentation, undermines the capacity of the hydropower projects to deliver water and energy services in addition to the upstream adverse effects of delta formation and downstream scour. Sediment management contributes to maintaining storage capacity, reducing operating risks, and minimising river connectivity impacts. Implementing effective sediment management strategies is essential to extend the life of the project, to ensure a reliable and sustainable source of water and energy, and to maintain river connectivity.

The Session objectives addressed the following issues: Why is sediment management important to hydropower projects for delivering sustainable water, energy and other multipurpose services? What are the policy needs, regulatory challenges, financial incentives and initiatives to promote sustainable sediment management? The session discussed the importance of managing sediment in reservoir and run-of-river hydropower projects. Sustainable development and management of current and future projects are essential to deliver effective water and energy services in a context of increasing challenges associated with, and exacerbated by, climate change. After initial framing of hydropower operational challenges and sediment management at river basin scale, the panelists focused on policy needs, regulatory challenges, financial incentives and initiatives that will promote sustainable hydropower and sustainable water resources development.

Dramatic decrease of sediment in the Danube and Rhine Rivers

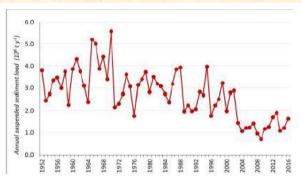


Figure 1. Annual suspended sediment loads in the Rhine River at Lobith in the period 1952-2016.

Dramatic sediment deficits have already been

reported for rivers such as the Mekong, Yellow River, Yangtze and Mississippi and their delta's and coastal seas. However, very recent findings for the Danube and Rhine rivers also show dramatic reductions for Europe: 60% reduction of suspended sediment input by the Danube to the Black Sea (Habersack, 2019) and 70% reduction of the suspended sediment load of the Rhine at its entry point to the Netherlands since 1952 (van der Perk et al., 2019). These figures for the Rhine and Danube only relate to suspended sediment and information for bedload (gravel and sand) is not yet readily available. What are the impacts? We need to significantly advance the state-of-the-art in our integrated and holistic understanding of the societal, economic as well as ecological impacts resulting from a deficit of sediment in the oceans, seas, coastal and inland waters. Hopefully Horizon Europe will provide a great opportunity for advancing this understanding. Based on that understanding. sustainable (nature-based) solutions can be proposed to restore and protect the flow of sediment from inland waters to seas and oceans in Europe as well as globally.

References:

Habersack (2019) The importance of sediments for a sustainable Danube river basin management,

van der Perk et al. (2019) Examination of the declining trend in suspended sediment loads in the Rhine River in the period 1952-2016, see pages 73-74 in the Book of Abstracts of the 2019 NCR (Netherlands Centre for River studies) days

(Source: SedNet, https://sednet.org/)

PUBLICATIONS



Papers Published in the International Journal of Sediment Research Volume 34, No. 3, 2019

Pages 191-294 (June 2019)

Satellite-based monitoring of contrasting characteristics of suspended sediment discharged from the Red and the Ma river systems along the northern coast of Vietnam Yoshimitsu Tajima, Kavinda Gunasekara, Hung Thanh Nguyen

Pages 191-204

Wind-induced hydrodynamic changes impact on sediment resuspension for large, shallow Lake Taihu, China Abdul Jalil, Yiping Li, Ke Zhang, Xiaomeng Gao, ... Kumud Acharya Pages 205-215

An optimized use of limited ground based topographic data for river applications

Mohamed Jaballah, Benoit Camenen, André Paquier, Magali Jodeau

Pages 216-225

Simulating soil loss rate in Ekbatan Dam watershed using experimental and statistical approaches

Seyed Davood Mohammadi, Fateme Naseri, Roghaye Abri Pages 226-239

Numerical modeling of lock-exchange gravity/turbidity currents by a high-order upwinding combined compact difference scheme

Liang Zhao, Ching-Hao Yu, Zhiguo He Pages 240-250

Distribution of geochemical fractions of phosphorus and its ecological risk in sediment cores of a largest brackish water lake, South Asia

Saroja Kumar Barik, Satyanarayan Bramha, Tapan Kumar Bastia, Dibakar Behera, ... Prasanta Rath Pages 251-261

The ratio of measured to total sediment discharge Chun-Yao Yang, Pierre Y. Julien Pages 262-269

Effects of rainfall patterns on runoff and rainfall-induced erosion

Morteza Alavinia, Farzin Nasiri Saleh, Hossain Asadi Pages 270-278

Numerical simulation of sedimentation process in reservoirs and development of a non-coupled algorithm to improve long-term modeling

Zeinab Khorrami, Mohammad Ali Banihashemi

Pages 279-294

Full papers are available at ScienceDirect: https://www.sciencedirect.com/journal/internationaljournal-of-sediment-research with free access to the paper abstracts.



Papers Published in the International Journal of Sediment Research Volume 34, No. 4, 2019

Pages 295-399 (Aug. 2019)

Generalized algorithms for particle motion and collision with streambeds

Patricio A. Moreno-Casas, Fabián A. Bombardelli, Juan Pablo Toro

Pages 295-306

The impact of climate change and human activities on streamflow and sediment load in the Pearl River basin Chuangshou Wu, Changchen Ji, Benwei Shi, Yaping Wang, ... Jinbin Mu Pages 307-321

Sediment transport trends and cross-sectional stability of a lagoonal tidal inlet on the Central Coast of Vietnam Do Minh Duc, Tran Thanh Tung, Patrick McLaren, Tran Ngoc Anh, Dinh Thi Quynh Pages 322-334

Long-term coastal erosion assessment along the coast of Karnataka, west coast of India

K. Sowmya, M. Dhivya Sri, Aparna S. Bhaskar, K.S. Jayappa

Pages 335-344

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A holistic computational model for prediction of clay suspension structure
Yuan Guo, Xiong (Bill) Yu
Pages 345-354

Local scour around two side-by-side cylindrical bridge piers under ice-covered conditions Mohammad reza Namaee, Jueyi Sui Pages 355-367 Download PDFArticle preview

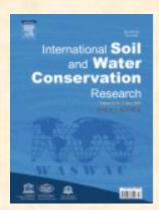
Development of benthic macroinvertebrates sediment index (BSI) for bioassessment of freshwater sediment Pil Jae Kim, Jong Hyeon Lee, In Ae Huh, DongSoo Kong Pages 368-378

Implementing of the JPWSPC method in RIV1H for unsteady flow modeling in general river networks
Dejun Zhu, Yongcan Chen
Pages 379-386

Critical movement of large rocks in currents and waves L.C. van Rijn
Pages 387-398

Corrigendum to "Numerical simulation of sedimentation process in reservoirs and development of a non-coupled algorithm to improve long-term modeling" [International Journal of Sediment Research 34 (3) (June 2019) 279–294] Zeinab Khorrami, Mohammad Ali Banihashemi Page 399

Full papers are available at ScienceDirect: https://www.sciencedirect.com/journal/international-journal-of-sediment-research with free access to the paper abstracts.



Contents of ISWCR (Vol. 7, No.2, 2019)

International Soil and Water Conservation Research Volume 7, Issue 2 Pages 109-202 (June 2019)

Persistence in tillage decisions: Aggregate data analysis Dat Q. Tran, Lyubov A. Kurkalova Pages 109-118

Suspended sediment load prediction using non-dominated sorting genetic algorithm II

Mahmoudreza Tabatahani Amin Salahanur lam Saved

Mahmoudreza Tabata<mark>baei, Am</mark>in Saleh<mark>pour Ja</mark>m, Seyed Ahmad Hos<mark>seini</mark>

Pages 119-129

Soil loss estimation using rusle model to prioritize erosion control in KELANI river basin in Sri Lanka
Cassim Mohamed Fayas, Nimal Shantha Abeysingha, Korotta Gamage Shyamala Nirmanee, Dinithi

Samaratunga, Ananda Mallawatantri Pages 130-137

Accuracy of sedimentgraph modeling from topography map scale and DEM mesh size Seyed Hamidreza Sadeghi, Mostafa Moradi Dashtpagerdi,

Hamidreza Moradi Rekabdarkoolai, Jeroen M. Schoorl Pages 138-149

Quantitative analysis of morphometry on Ribb and Gumara watersheds: Implications for soil and water conservation Daniel Asfaw, Getachew Workineh Pages 150-157

Land use in agricultural landscapes with chernozems contaminated after Chernobyl accident: Can we be confident in radioecological safety of plant foodstuff?

Olga Komissarova, Tatiana Paramonova

Pages 158-166

Dynamic study of infiltration rate for soils with varying degrees of degradation by water erosion Yujie Wei, Xinliang Wu, Jinwen Xia, Rubing Zeng, ... Tianwei Wang Pages 167-175

Use of a calibrated SWAT model to evaluate the effects of agricultural BMPs on sediments of the Kalaya river basin (North of Morocco)

Hamza Briak, Rachid Mrabet, Rachid Moussadek, Khadija Aboumaria

Pages 176-183

Postglacial incision-infill cycles at the Borisoglebsk Upland: Correlations between interfluve headwaters and fluvial network

Yuliya V. Shishkina, Ekaterina V. Garankina, Vladimir R. Belyaev, Ilya G. Shorkunov, ... Tatiana A. Verlova Pages 184-195

Trees as large-scale natural phononic crystals: Simulation and experimental verification

Jiankun Huang, Yifan Liu, Yaguang Li

Pages 196-202

Free full papers and open access are available at ScienceDirect:

https://www.sciencedirect.com/journal/international-soiland-water-conservation-research

COMING EVENTS

38th IAHR World Congress (Panama, Sep. 1-6, 2019)

Date: 01 September 2019 - 06 September 2019

Venue: Panama City, Panama

Summary: Global interest in water has increased rapidly in recent years. Many water issues are high on the political agenda, whether it concerns the lack of access to safe water and sanitation or the increase in water-related disasters due to floods and droughts. This challenge must be addressed by management and policy decisions informed by science and engineering knowledge that is relevant, credible, legitimate and delivered in a timely manner. Therefore the discipline of hydro-environment engineering and research is more important than ever. The 38th IAHR World Congress will bring together the key players in the sector from around the globe in "Water – Connecting the World", from 1-6 September 2019 in Panama. We look forward to meeting you there! (Peter Goodwin, IAHR President)

Conference website: http://iahrworldcongress.org/

14th International Symposium on River Sedimentation (Chengdu, China, Sep. 16-19, 2019)

Date: September 16 – 19, 2019 Venue: Chengdu, China Organizer: Sichuan University

Sponsors: International Research and Training Center on Erosion and Sediment Research (IRTCES); World Association for Erosion and Sediment Research (WASER) Co-sponsors: IHAR, IAHS, International Sediment Initiative

(ISI)-IHP-UNESCO....(to be invited)

China's water-related infrastructure Summary: developed by leaps and bounds leading to further advances in scientific and technical research. Consequently, the role of sediment research is becoming more challenging than ever before. In the midst of these advances, the International Symposium on River Sedimentation (ISRS) will return to China after the successful Yichang Symposium 12 years ago. On behalf of the 14th ISRS Organizers, we would like to warmly invite you to join us in Chengdu, China for the 14th International Symposium on River Sedimentation (ISRS-2019). The Symposium will be held with the theme of "Integrated Sediment Management in Rivers and Coasts". We look forward to welcoming you to Chengdu in September 2019 and we are confident that this symposium will be one of the most successful in the ISRS series. . (Weilin Xu, Chairperson of the LOC)

Symposium Theme and Topics:

The theme of the symposium is:

Integrated Sediment Management in Rivers and Coasts Under this theme, the symposium topics include:

- A. Sediment yield and erosion processes;
- B. Sediment transport;
- C. Sedimentation in estuarine and coastal areas;
- D. Reservoir sedimentation;
- E. Erosion processes;
- F. Environmental and ecological sediment;
- G. Sediment related disasters;
- H. Modelling and measurement techniques;
- I. Integrated sediment management.

Technical Tours:

 Ancient Dujiangyan irrigation project, one of the oldest water projects in the world (2270 years old), which is stll working today for flood control and irrigation, due to its success in dealing with problems caused by sediment deposition and scour.

Post Symposium Tours:

Two post-symposium tours (3-5 days each) will be organized:

- Jiuzhaigou valley (UNESCO world heritage site);
- Three Gorges Project.
 URL: http://www.isrs2019.cn/

Contacts:

Email: <u>isrs2019@126.com</u> Telephone: +86-28-85403957 Fax: +86-28-85401807

Mailing address: State Key Laboratory of Hydraulics and Mountain River Engineering, Sichuan University, No.24 South Section 1, Yihuan Road, Chengdu, P.R. China,

610065

10th International Conference on Asian and Pacific Coasts (Vietnam, September 25-28, 2019)

Date: September 25-28, 2019

Venue: Thuyloi University, Hanoi, Vietnam

Summary: The International Conference on Asian and Pacific Coasts (APAC) is an international conference to promote academic and technical exchange on coastal related studies that include coastal engineering and coastal environmental problems, among the Asian and Pacific countries/regions. A wide range of organizations from Asian and Pacific countries/regions are its active participants or sponsors. The Conference is held once every two years.

The 10th International Conference on Asian and Pacific Coasts (APAC2019) will extend the series of biennial conferences with the first one being held in Dalian, China in 2001 with the name of Asian and Pacific Coastal Engineering (APACE). To reflect a broader scope, the conference was renamed Asian and Pacific Coasts (APAC) and it was subsequently held every two years in different countries and regions including Japan (2004), Korea (2005), China (2007), Singapore (2009), HongKong SAR (2011), Indonesia (2013), India (2015), and the Philippines (2017). These conferences have acted as a welcome forum for reporting and discussing the latest advancements in Coastal, Ocean and Port Engineering and as such, have always been highly valued by all participants.

Organizers:

- ·The Chinese Ocean Engineering Society (COES)
- •The Coastal Engineering Committee of the Japan Society of Civil Engineers (JSCE)
- •The Korean Society of Coastal and Ocean Engineers (KSCOE).

Theme of the Conference: Living with nature, coping with coastal changes

Topics of the Conference:

- 1. Ocean wave, tides, storm surge and tsunami
- 2. Beach erosion and coastal sediment transport
- 3. Coastal and estuarine hydrodynamics
- 4. Lowland development and reclamation
- 5. Beach development and coastal protection
- 6. Marine ecology and coastal environments

7. Marine and offshore renewable energy

- 8. Climate change and coastal adaptation
- 9. Coastal hazards and risk assessment

10. Mekong Delta, beach erosion and saltwater intrusion

Conference website: http://apac2019.tlu.edu.vn/

Contacts:

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175 Tay Son Str., Dong Da, Hanoi, Vietnam

Email: apac2019@tlu.edu.vn Phone: +84 24 3654 1053 Fax: +84 243 653 3351

River Flow 2020 (The Netherlands, 7-10 July 2020)

Date: 7-10 July 2020 Venue: Delft, Netherlands

Summary: The 10th Conference on Fluvial Hydraulics under the auspices of IAHR, River Flow 2020, will be held in Delft, Netherlands, from 7 to 10 July 2020, (with masterclasses on the 6th of July). The conference themes are: rivers in urbanised areas; climate change and extreme events; river functions under pressure; nature based solutions; the healthy river; river resources: food, energy, water; the digital river; river fundamentals.

Deadline for abstract submission: 15 August 2019.

URL: http://www.riverflow2020.nl

World's Large Rivers Conference 2020 (Russia, 3-7 August 2020)

Date: 3-7 August 2020 Venue: Moscow, Russia

Summary: This WASER- / ISI-co-sponsored conference aims to provide a global forum for a wide-ranging discussion of key issues related to research on large rivers and to their effective and sustainable management, involving both scientists and decision makers. The conference will be organised by MSU - Lomonosov Moscow State University, Russia, and BOKU - University of Natural Resources and Life Sciences, Vienna, Austria. We kindly ask all interested authors to submit their work within the topics of

- Hydrology, Hydraulics & Hydroclimatic Impacts
- Sediment Transport & River Morphology
- River Pollution, Ecology & Restoration
- Integrated River Management

Special focus will be given this time to **Climate Change** and its impact - not only in general, but also specifically related to **Russian and Arctic Rivers**.

Supported by: WASER World Association for Sedimentation and Erosion Research; UNESCO United Nations Educational, Scientific and Cultural Organization; IAHR International Association of Hydro-Environment Engineering and Research; IAHS International Association of Hydrological Sciences; IAG International Association of Geomorphologists

All WASER- and ISI-members can benefit from a reduction of conference fees of 10%.

More information:

URL: http://worldslargerivers.boku.ac.at/wlr/ E-Flyer:

http://worldslargerivers.boku.ac.at/wlr/images/stories/downloads/wlr2020_flyer.pdf

World Association for Sedimentation & Erosion Research



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Dear Member of the WASER Community

As you will know, the Sixth WASER Assembly will be held on September 15, 2019 in Chengdu, China during the 14th ISRS. It marks a triennial pivotal event for our Association. In readiness for the Assembly, we must now elect the new Officers and Members of the WASER Council for the period 2019-2022 (Sixth Term). All members are invited to participate in this election, as part of the continuing process of building a stronger Association.

Since the election of the current WASER Council Members (Fifth Term) in 2016, our Association has seen many important developments, including: increased international cooperation with other linked international bodies; raising of WASER's profile; further raising the quality of the WASER Journal – the *International Journal of Sediment Research*; the sponsoring or co-sponsoring of many international activities; website re-construction; and many other initiatives.

On behalf of the WASER Secretariat, I am contacting you regarding the election of the WASER Council for 2019 to 2022. A Nominations Committee was established, under the chairmanship of our past President, Professor Des. E. Walling and this committee has produced a slate of recommendations for both the Officers and Ordinary Council Members. This is incorporated into the attached ballot paper. I would request you to take the time to participate in the election of the WASER Council for 2019-2022 by registering your votes on the ballot paper and returning this to the WASER Secretariat by July 15, 2019. Please indicate your approval or otherwise for each of the twelve nominated candidates. If you wish you could add a new name to the list in the space provided, but in this case you are only permitted to register your votes for a maximum of twelve candidates.

Voting is both a privilege and a responsibility. Your vote is your voice. I encourage you to use it.

With best regards

Yours sincerely

Guangquan LIU

Secretary General of WASER