

RESULTS OF THE IJSR AWARD FOR DISTINGUISHED CONTRIBUTIONS TO SEDIMENT RESEARCH IN 2019

Prof. Hongwei Hong, IJSR Chief Editor

Dear colleagues,

I'm pleased to report you that *International Journal of Sediment Research (IJSR)* has completed the selection of best paper, for the Award for Distinguished Contributions to Sediment Research in 2019. Three best papers are selected based on the following procedures: (1) determining candidate papers; (2) setting up the selection committees; (3) votes and results statistics.

Detailed information present as following for your consideration.

1. Candidate papers

Members of the editorial board of the *IJSR* have screened all the papers published in this Journal during 2016-2018, and 12 candidate papers are selected based on following principles:

(1) The cited times, are important index reflecting the paper's quality and popularity, and the papers with high cited times were first selected;

(2) Considering the fact that cited times may be affected by the published year, especially for those published in the latter half of 2017 and in 2018, the reviewers' comments are also taken into consideration, and articles with high evaluation in the first review process were considered. As preliminary results, more than 12 papers were selected;

(3) Chief Editor read preliminary selected papers carefully and decide the 12 candidate papers.

The following are the 12 candidate papers.

	Year	Vol.	No.	Pages	Author(s)	Title	Times cited	From
1	2016	31	1	1-15	Kimiaghalam, Navid; Clark, Shawn P.; Ahmari, Habib	An experimental study on the effects of physical, mechanical, and electrochemical properties of natural cohesive soils on critical shear stress and erosion rate	12	Canada
2			4	324-329	Tansel, Berrin; Rafiuddin, Syed	Heavy metal content in relation to particle size and organic content of surficial sediments in Miami River and transport potential	9	USA
3			1	44-52	El Nemr, Ahmed; El-Sadaawy, Manal M.	Polychlorinated biphenyl and organochlorine pesticide residues in surface sediments from the Mediterranean Sea (Egypt)	9	Egypt
4			1	87-96	Nazari-Giglou, Abolfazl; Jabbari-Sahebari, Aidin; Shakibaenia, Ahmad; Borghei, Seyyed Mahmood	An experimental study of sediment transport in channel confluences	7	Iran, Canada
5	2017	32	2	171-179	Shi, Hongling; Hu, Chunhong; Wang, Yangui; Liu, Cheng; Li, Huimei	Analyses of trends and causes for variations in runoff and sediment load of the Yellow River	7	China
4			1	12-19	Si, Wei; Bao, Weimin; Jiang, Peng; Zhao, Liping; Qu, Simin	A semi-physical sediment yield model for estimation of suspended sediment in loess region	7	China
7			1	1-11	Ramos-Diez, Ivan; Navarro-Hevia, Joaquin; Martin Fernandez, Roberto San; Diaz-Gutierrez, Virginia; Mongil-Manso, Jorge	Evaluating methods to quantify sediment volumes trapped behind check dams, Saldana badlands (Spain)	6	Spain
8			3	373-383	Chen, Jianguo; Zhou, Wenhao; Han, Shanshan; Sun, Gaohu	Influences of retrogressive erosion of reservoir on sedimentation of its downstream river channel-A case study on Sanmenxia Reservoir and the Lower Yellow River	4	China

9	2018	33	1	27-34	Rainato, Riccardo; Mao, Luca; Picco, Lorenzo	Near-bankfull floods in an Alpine stream: Effects on the sediment mobility and bedload magnitude	2	Italy
10			3	313-326	Sharma, Anurag; Kumar, Bimlesh	Sheet flow hydrodynamics over a non-uniform sand bed channel	1	India
11			2	137-148	Elghannay, Husam; Tafti, Danesh	LES-DEM simulations of sediment transport	1	USA
12			1	47-56	Arai, Ryosuke; Ota, Kazuyuki; Sato, Takahiro; Toyoda, Yasushi	Experimental investigation on cohesionless sandy bank failure resulting from water level rising	1	Japan

2. Members of the Selection Committee

The selection committee consists of 15 distinguished scientists in this field as listed below. Copies of the candidate papers were sent to them for further consideration, and each member was requested to recommend five papers out of the 12 candidate papers.

- | | | | |
|---|--|----|---|
| 1 | Gabriella Balacco
Professor
g.balacco@poliba.it
Italy | 9 | Hajime Nakagawa
Professor
nakagawa@uh31.dpri.kyoto-u.ac.jp
Japan |
| 2 | Fabián A Bombardelli
Professor
fabombardelli@ucdavis.edu
USA | 10 | Witold Reczyński
Professor
wreczyn@agh.edu.pl
Poland |
| 3 | Raphael W. Crowley
Professor
r.crowley@unf.edu
USA | 11 | Danny Reible
Professor
danny.reible@ttu.edu
USA |
| 4 | Subhasish Dey
Professor
subhasish.dey@iitkgp.ac.in;
India | 12 | Thorsten Stoesser
Professor
t.stoesser@ucl.ac.uk
UK |
| 5 | Massimo Greco
Professor
grecom@unina.it;
Italy | 13 | Jueyi Sui
Professor
sui@unbc.ca; jysui2@yahoo.com
Canada |
| 6 | Qingquan Liu
Professor
qqliu@imech.ac.cn
China | 14 | Des Walling
Professor
D.E.Walling@exeter.ac.uk
UK |
| 7 | Charles Steve Melching
Professor
steve.melching17@gmail.com
USA | 15 | Lafhaj Zoubeir
Professor
zoubeir.lafhaj@ec-lille.fr
France |
| 8 | Erik Mosselman
erik.mosselman@deltares.nl
Professor
The Netherlands | | |

3. Votes and results statistics

Up to now, 11 of the 15 members of the Selection Committee have voted via email, and the voting results are therefore considered valid. The best papers were selected according to the total numbers of votes received by each paper, the following three papers obtained 7, 6 and 4 votes respectively and are proposed to receive the award, while other candidate papers received less than half.

(1) An experimental study on the effects of physical, mechanical, and electrochemical properties of natural cohesive soils on critical shear stress and erosion rate

Authors:

Navid Kimiaghalam^{[1]*}, Shawn P. Clark^[1], HabibAhmari^[2]

*Corresponding author.

Affiliation:

[1] Department of Civil Engineering, University of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2

[2] Water Resources Department, Manitoba Hydro, 360 Portage Avenue (15thFloor), Winnipeg, Manitoba, Canada R3C 0G8

Publication information: Vol.31, No.1; Pages: 1-15; Year: 2016

(2) Analyses of trends and causes for variations in runoff and sediment load of the Yellow River

Authors:

Hongling Shi^{[1]*}, Chunhong Hu^[1], Yangui Wang^[2], Cheng Liu^[2], Huimei Li^[1]

*Corresponding author.

Affiliation:

[1] State Key Laboratory of Simulation and Regulation of Water Cycle in River Basin, China Institute of Water Resources and Hydropower Research, No. 20 Chegongzhuang West Road, Haidian District, 100048 Beijing, China

[2] International Research and Training Center on Erosion and Sedimentation, No.20 Chegongzhuang West Road, Haidian District, 100048 Beijing, China

Publication information: Vol.32, No.2; Pages: 171-179; Year: 2017

(3) LES-DEM simulations of sediment transport

Authors:

Husam Elghannay, Danesh Tafti*

*Corresponding author.

Affiliation:

Department of Mechanical Engineering, Virginia Polytechnic Institute and State University, Blacksburg, VA24061, USA

Publication information: Vol.33, No.2; Pages: 137-148; Year: 2018