



2nd INTERNATIONAL SYMPOSIUM OF WATER DISASTER MITIGATION AND WATER ENVIRONMENT REGULATION

PROGRAM



2021. 7. 7 – 9 CHENGDU CHINA



主办单位



四川大学
SICHUAN UNIVERSITY



水力学与山区河流开发保护国家重点实验室
State Key Laboratory of Hydraulics and Mountain River Engineering



International Association
for Hydro-Environment
Engineering and Research

Hosted by
Spain Water and IWHR, China



目录 CONTENTS

1. Organization Committee -----	1
2. Notes for Participants -----	2
3. Technical Program -----	9
4. Conference Notes -----	22

1. Organization Committee

Local Organizing Committee (LOC)

Chair	Weilin Xu
Executive Chair	Pengzhi Lin, Jianmin Zhang
Secretary General	Hang Wang, Ningbo Cui
Member	Jiawen Zhou, Wenhua Zhuang, Qing Yang, Maolin Zhou, Haoyue Zheng, Ruidong An, Wangru Wei, Ruidi Bai, Chao Liu, Lu Wang, Chunlin Song, Lian Tang, Xun Han, Min Chen, Jinhua Si, Zhaoyong Hu, Weiwei Yao, Xufeng Yan

International Scientific Committee (ISC)

James Ball	University of Technology Sydney	Hubert Chanson	The University of Queensland
Xiaoqing Chen	Institute of Mountain Hazards and Environment, CAS	Peng Cui	Institute of Mountain Hazards and Environment, CAS
Sung-Uk Choi	Yonsei University	Feng Dai	Sichuan University
Jianhui Deng	Sichuan University	Xudong Fu	Tsinghua University
Peter Goodwin	University of Maryland	Shaozhong Kang	China Agricultural University
Jia Li	Sichuan University	Chao Liu	Sichuan University
Fulai Liu	University of Copenhagen	Xingnian Liu	Sichuan University
Philip Li-Fan Liu	The National University of Singapore	Arturo Marcano	Central University of Venezuela
Zheng Ma	Journal of Hydrodynamics	Bruce Melville	The University of Auckland
Ioan Nistor	University of Ottawa	Jianbing Peng	Chang'an University
Hajime Nakagawa	Kyoto University	Yongming Shen	Dalian University of Technology
Huiming Tang	China University of Geosciences	Qiang Xu	Chengdu University of Technology
Genxu Wang	Sichuan University	Lianhai Wu	Rothamsted Research
Pute Wu	Northwest A&F University	Silke Wieprecht	University of Stuttgart
Xingguo Yang	Sichuan University		

2. Notes for participants

Thank you for participating in the 2nd International Symposium of Water Disaster Mitigation and Water Environment Regulation (WDWE2021). Here is some relevant information that you may need for your participation in the conference:

1. Dates and place

Onsite registration: July 6 and morning of July 7

Dates of conference: July 7 – 9, 2021

Place of conference: Xiangyu Hotel, Chengdu

Address: 103 Xinnan Road, Chengdu, China

2. Registration

For online registration, please scan the QR code:



Registration fee is charged to support the conference organization and cover the conference materials, meals and technical tours available for participants during the event. The expenses of accommodation and local transport are not included.

Registration fees

Online presenter	Online registration (before June 30)	Overseas: USD 100	China: CNY 500
Online audience		Free	
Offline participant	Online registration (before June 30)	Regular: CNY 1000	Student: CNY 500
	Onsite registration (on July 6 and 7)	Regular: CNY 1500	Student: CNY 750

3. Tips

- (1) Stay warm as the temperature difference in day and night could be big in Chengdu;
- (2) Ask for an invoice when taking taxi in case of any belongings being lost;
- (3) For the sake of epidemic prevention and control, the participants are asked to wear masks when taking public transport.

4. Notice of Epidemic Prevention

(1) Take temperature

Please have your body temperature measured at the conference reception.

(2) Disinfection

Participants' hands and personal belongings will go through a simple disinfection.

(3) Identity review

The staff will check the participants' identity and Tianfu Health Code before handing conference materials and certificates. The participants are required to scan the QR code below and submit personal information in advance



(4) Sitting

Please follow the guiding signs to your session rooms, and maintain the order of the venue.

(5) PPE

The LOC have prepared epidemic prevention and control materials (masks, disinfectants and infrared temperature guns) for any urgent need by participants.

(6) Urgency response

The participants whose body temperatures reach or exceed 37.3 °C need to be transferred to the nearby health observation spot to receive a medical test and quarantine. Those whose temperatures remain high should be sent to hospital for further medical treatment.

5. Accommodation

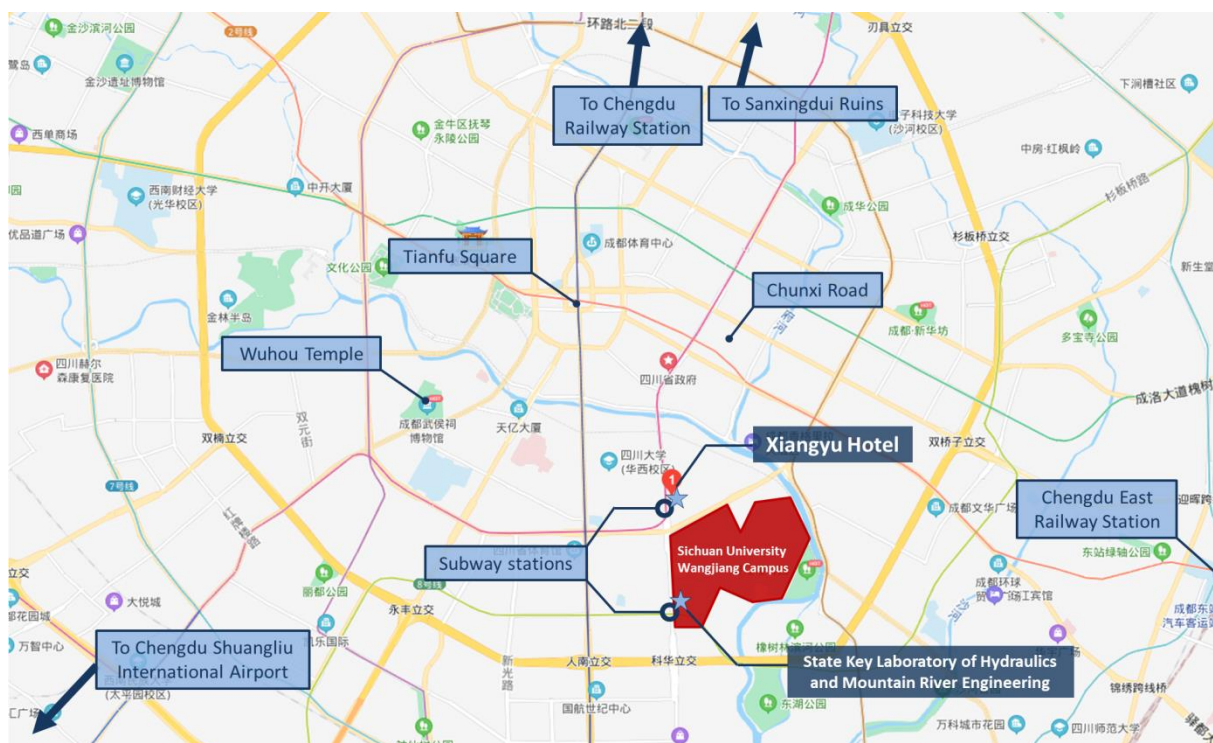
Participants may book their accommodations online by ticking the corresponding options on the registration page or contact directly the hotel to make a reservation at a discount rate by informing the hotel with the conference title "2nd International Symposium of Water Disaster Mitigation and Water Environment Regulation". Due to the limited accommodation capacity, we suggest you making your reservation as soon as possible. The information of the conference venue and the surrounding hotels is as follows:

Hotel	Conference Rates	Contact
成都祥宇宾馆 (会场酒店) 四川省成都市武侯区新南路 103 号	单间: 430/间/晚 (含早) 标间: 390/间/晚 (双早)	杨经理: 15982288013
如家酒店(磨子桥地铁站店) 成都市武侯区胜利村路 391 号 距会场距离/步行时间: 530m / 8min	单间: 195/间/晚 (无早) 标间: 195/间/晚 (无早)	张经理: 13618043409 周经理: 18728899692
全季酒店 四川省成都市武侯区新南路 118 号 距会场距离/步行时间: 360m / 3min	单间/标间: 380-460/间/晚 (含早)	龚经理: 13880479664
成都世外桃源酒店 四川省成都武侯区科华北路 69 号 距会场距离/步行时间: 900m / 14min	单间: 620/间/晚 (含早) 标间: 620/间/晚 (双早)	郑经理: 15143055671

6. Transport to the Venue

Map of Venue

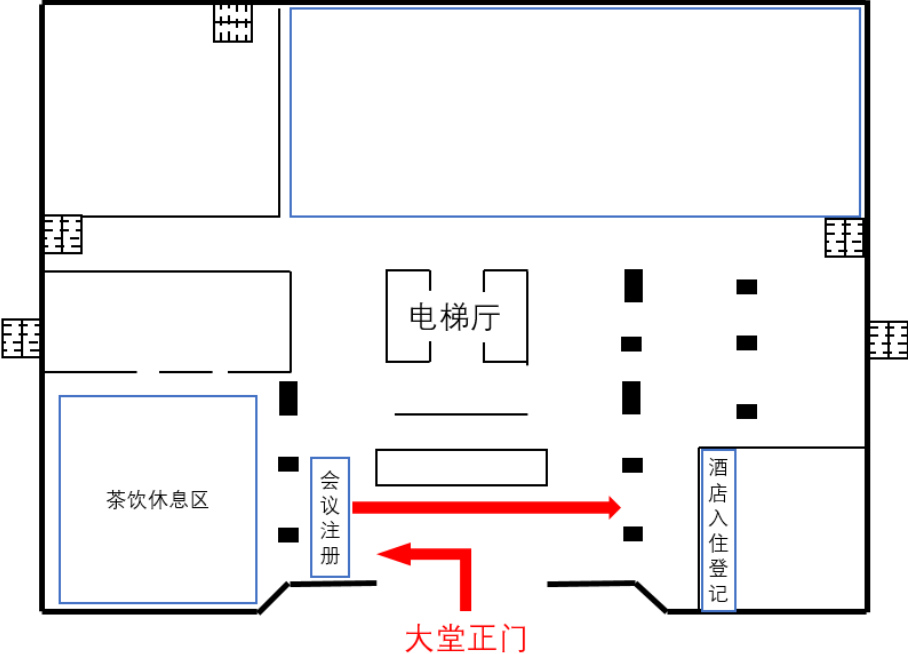
Address of Xiangyu Hotel: 103 Xinnan Rd, Chengdu, China.



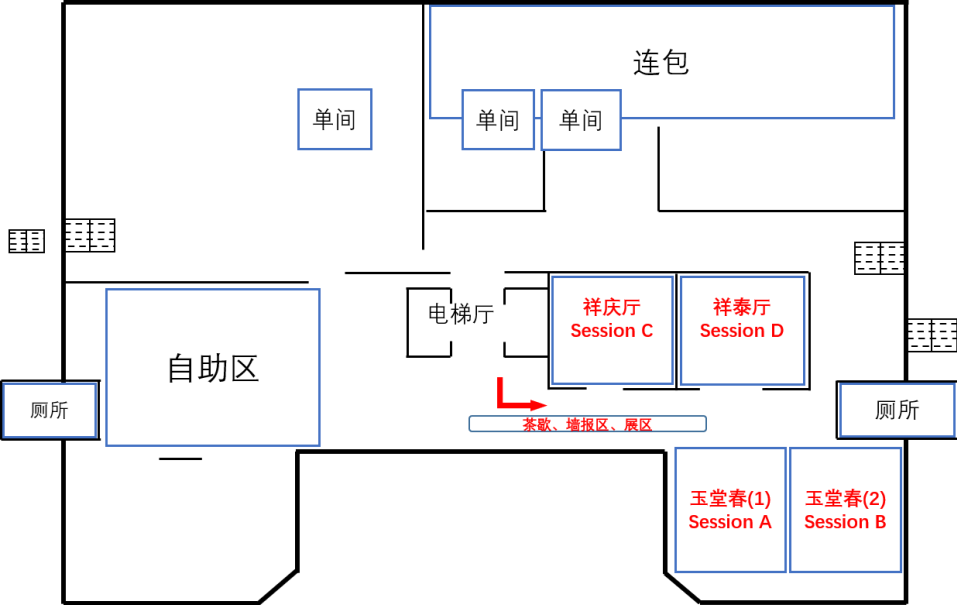
Airports and Railway Stations	Subway Lines	Taxi		Destination
		Hour	Estimated Cost	
成都火车东站	26 min (2号线转3号线)	30 min	21元	成都 祥宇宾馆
成都火车南站	18 min (1号线转3号线)	15 min	13元	
成都火车西站	40 min (4号线转3号线)	38 min	30元	
成都火车北站	28 min (1号线转3号线)	30 min	20元	
成都双流国际机场	36 min (10号线转3号线)	26 min	33元	

7. Map of Xiangyu Hotel

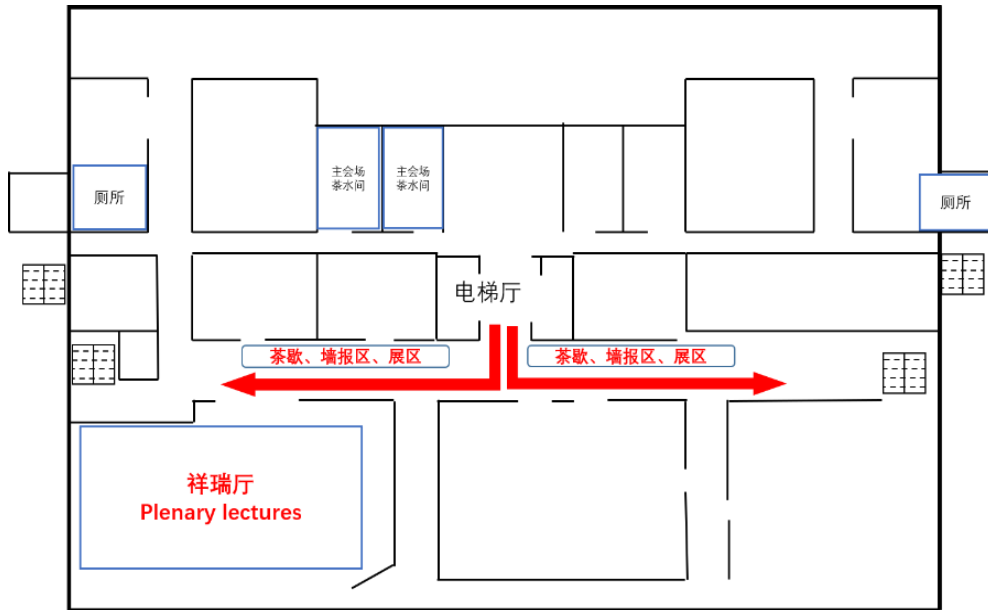
1st Level, Xiangyu Hotel



2nd Level, Xiangyu Hotel



3rd Level, Xiangyu Hotel



3. Technical Program

DAY ONE – JULY 7 WED

Opening Ceremony			
Session P1			
<i>Plenary lecture 1</i>	Peter GOODWIN		
<i>Plenary lecture 2</i>	Philip Li-Fan LIU		
Coffee Break & Group Photos			
Session P2			
<i>Plenary lecture 3</i>	Gretchen KALONJI & Toshio KOIKE		
<i>Plenary lecture 4</i>	Hubert CHANSON		
Lunch			
Session A1	Session B1	Session C1	Session D1
<i>Keynote A1-1</i>	<i>Keynote B1-1</i>	<i>Keynote C1-1</i>	<i>Keynote D1-1</i>
Junqiang XIA	Hitoshi TANAKA	Nobuhito MORI	Denghua YAN
<i>Keynote A1-2</i>	<i>Keynote B1-2</i>	<i>Keynote C1-2</i>	<i>Presentation D1-1</i>
Sung-Uk CHOI	Jinhai ZHENG	Defu LIU	Linlin YAN
<i>Presentation A1-1</i>	<i>Presentation B1-1</i>	<i>Presentation C1-1</i>	<i>Presentation D1-2</i>
Huabin SHI	Zhixin CHENG	Zhe LI	Hongjun ZHU
<i>Presentation A1-2</i>	<i>Presentation B1-2</i>	<i>Presentation C1-2</i>	<i>Presentation D1-3</i>
Changzhi LI	Lei REN	Li WANG	Ye MA
<i>Presentation A1-3</i>	<i>Presentation B1-3</i>	<i>Presentation C1-3</i>	<i>Presentation D1-4 / D1-5</i>
Yongping CHEN	Xin JIN	Jintao ZHENG	Kai HE / Tao BAI
Coffee Break			
Session A2	Session B2	Session C2	Session D2
<i>Keynote A2-1</i>	<i>Keynote B2-1</i>	<i>Keynote C2-1</i>	<i>Keynote D2-1</i>
Yakun GUO	Lianhai WU	Ellis PENNING	Qihua LIANG
<i>Presentation A2-1</i>	<i>Presentation B2-1</i>	<i>Presentation C2-1</i>	<i>Presentation D2-1</i>
Kaiheng HU	Stephan LAWSON	Juping HUANG	Peng HU
<i>Presentation A2-2</i>	<i>Presentation B2-2</i>	<i>Presentation C2-2</i>	<i>Presentation D2-2</i>
Fengzhen TANG	Wangru WEI	Xuxin LEI	Jian SUN
<i>Presentation A2-3</i>	<i>Presentation B2-3</i>	<i>Presentation C2-3</i>	<i>Presentation D2-3</i>
Zhongxiang WANG	Dong WANG	Yichen SUN	Yang SONG
<i>Presentation A2-4</i>	<i>Presentation B2-4</i>	<i>Presentation C2-4</i>	<i>Presentation D2-4</i>
Fan XU	Huichao LI	Jiajia PAN	Jie SONG
<i>Presentation A2-5</i>	<i>Presentation B2-5</i>	<i>Presentation C2-5</i>	<i>Presentation D2-5</i>
Xiaolong SONG	Mingming LIU	Feifei WEI	Shizhengxiang LIANG
Dinner			

DAY TWO – JULY 8 THU

Session A3	Session B3	Session C3	Session D3
<i>Keynote A3-1</i>	<i>Keynote B3-1</i>	<i>Keynote C3-1</i>	<i>Keynote D3-1</i>
Ioan NISTOR	Arturo MARCANO	Zhiyong DONG	Junke GUO
<i>Keynote A3-2</i>	<i>Keynote B3-2</i>	<i>Keynote C3-2</i>	<i>Keynote D3-2</i>
Qing HE	Asaad SHAMSELDIN	Yujun YI	Xiaohui LEI
<i>Presentation A3-1</i>	<i>Presentation B3-1</i>	<i>Presentation C3-1</i>	<i>Presentation D3-1</i>
Sulan ZHANG	Jingwen WANG	Mingming TIAN	Manjie LI
<i>Presentation A3-2</i>	<i>Presentation B3-2</i>	<i>Presentation C3-2</i>	<i>Presentation D3-2</i>
Ao GONG	Xiuzhu PENG	Jiaren CHEN	Donglai LI
<i>Presentation A3-3</i>	<i>Presentation B3-3</i>	<i>Presentation C3-3</i>	<i>Presentation D3-3</i>
Changxun ZHAN	Xincong CHEN	Lei XU	Lin LIU
Coffee Break			

Session A4	Session B4	Session C4	Session D4
<i>Keynote A4-1</i> Hajime NAKAGAWA	<i>Keynote B4-1</i> Yueping YIN	<i>Keynote C4-1</i> Naresh SINGHAL	<i>Keynote D4-1</i> Xiping YU
<i>Keynote A4-2</i> Ling LI	<i>Keynote B4-2</i> Xiaohong CHEN	<i>Keynote C4-2</i> Xinghui XIA	<i>Keynote D4-2</i> Zaijin YOU
<i>Presentation A4-1</i> Sizhong He	<i>Presentation B4-1</i> Junzheng LIU	<i>Presentation C4-1</i> Hefang JING	<i>Presentation D4-1</i> Xizeng ZHAO
<i>Presentation A4-2</i> Jing CHEN	<i>Presentation B4-2</i> Yan XIONG	<i>Presentation C4-2</i> Qiaoling ZHANG	<i>Presentation D4-2</i> Wenxuan SUN
<i>Presentation A4-3</i> Jinhua SI	<i>Presentation B4-3</i> Boliang DONG	<i>Presentation C4-3</i> Weifeng YE	<i>Presentation D4-3</i> Zhenhuan LIN
<i>Presentation A4-4</i> Zi WU	<i>Presentation B4-4</i> Gaoqiang KONG	<i>Presentation C4-4</i> Yongde KANG	<i>Presentation D4-4</i> Ye MENG
Lunch			
Technical Tours			

DAY THREE – JULY 9 FRI

Session A5	Session B5	Session C5	Session D5
<i>Keynote A5-1</i> Zongxue XU	<i>Keynote B5-1</i> Xuanmei FAN	<i>Keynote C5-1</i> Chao LIU	<i>Keynote D5-1</i> Dawen YANG
<i>Keynote A5-2</i> Shanghong ZHANG	<i>Keynote B5-2</i> Lu WANG	<i>Keynote C5-2</i> Qiuwen CHEN	<i>Keynote D5-2</i> Guangqiu JIN
<i>Presentation A5-1</i> Chen YANG	<i>Presentation B5-2</i> Guanghui YAN	<i>Presentation C5-1</i> Lei CHEN	<i>Presentation D5-1</i> Weiyang ZHAO
<i>Presentation A5-2</i> Yuan YANG	<i>Presentation B5-2</i> Hualin WANG	<i>Presentation C5-2</i> Zhiyuan ZHANG	<i>Presentation D5-2</i> Yingying FENG
<i>Presentation A5-3</i> Yu WANG	<i>Presentation B5-3</i> Gui HU	<i>Presentation C5-3</i> Jian WANG	<i>Presentation D5-3</i> Biao HUANG
Coffee Break & Poster			
Session A6	Session B6	Session C6	Session D6
<i>Keynote A6-1</i> Baofeng DI	<i>Keynote B6-1</i> Xiaotao CHENG	<i>Keynote C6-1</i> Wenxin HUAI	<i>Keynote D6-1</i> Dezhi NING
<i>Presentation A6-1</i> Yifei CHENG	<i>Presentation B6-1</i> Qi ZHANG	<i>Presentation C6-1</i> Zhixuan SONG	<i>Presentation D6-1</i> Yuhang GU
<i>Presentation A6-2</i> Yafei DUAN	<i>Presentation B6-2</i> Sheng YAN	<i>Presentation C6-2</i> Dantong LIN	<i>Presentation D6-2</i> Kaiyue SHAN
<i>Presentation A6-3</i> Zhan HU	<i>Presentation B6-3</i> Yu GAO	<i>Presentation C6-3</i> Shijie ZHU	<i>Presentation D6-3</i> Jun ZENG
<i>Presentation A6-4</i> Yunqiang ZHU	<i>Presentation B6-4</i> Sixue CHENG	<i>Presentation C6-4</i> Xinyu HU	<i>Presentation D6-4</i> Rui ZHU
Lunch			
Session P3			
<i>Plenary lecture 5</i>	David ZHU		
Closing Ceremony			

VENUE

Registration:	Lobby	1 st Level,	Xiangyu Hotel
Plenary lectures:	Xiangrui Hall,	3 rd Level,	Xiangyu Hotel
Session A:	Yutangchun (1) Hall,	2 nd Level,	Xiangyu Hotel
Session B:	Yutangchun (2) Hall,	2 nd Level,	Xiangyu Hotel
Session C:	Xiangqing Hall,	2 nd Level,	Xiangyu Hotel
Session D:	Xiangtai Hall,	2 nd Level,	Xiangyu Hotel

TECHNICAL PROGRAM

DAY 1	MORNING	OPENING CEREMONY	
	JUL 7 WED		
08:30 – 08:50			
		<ul style="list-style-type: none"> Opening and Introductions by Chair of WDWE2021, Prof. Weilin XU Welcome remarks by Prof. Joseph LEE 	
DAY 1	MORNING	PLENARY	P1
	JUL 7 WED	Chair: Pengzhi LIN	
08:50 – 09:35	Peter GOODWIN	Plenary lecture 1	
		<ul style="list-style-type: none"> Balancing ecosystem recovery and water demands in California and Chesapeake Bay, USA <i>University of Maryland Center for Environmental Science (USA)</i> 	
09:35 – 10:20	Philip Li-Fan LIU	Plenary lecture 2	
		<ul style="list-style-type: none"> Velocity, inundation and run-up measurements of laboratory generated bores on a planar beach <i>The National University of Singapore (Singapore)</i> 	
10:20 – 10:50	COFFEE BREAK & GROUP PHOTOS		
DAY 1	MORNING	PLENARY	P2
	JUL 7 WED	Chair: David ZHU	
10:50 – 11:35	Gretchen KALONJI & Toshio KOIKE	Plenary lecture 3	
		<ul style="list-style-type: none"> Multinational models for collaboration on water disaster mitigation: lessons learned and prospects for the future <i>Sichuan University (China)</i> 	
11:35 – 12:20	Hubert CHANSON	Plenary lecture 4	
		<ul style="list-style-type: none"> Hydraulics and energy dissipation on stepped spillways - Prototype and laboratory experiences <i>The University of Queensland (Australia)</i> 	
12:20 – 14:00	LUNCH		

DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Kaiheng HU	A1
14:00 – 14:25	Junqiang XIA	Keynote A1-1	
<ul style="list-style-type: none"> Numerical modelling and early-warning techniques of bank erosion in the Middle Yangtze River <i>Wuhan University (China)</i> 			
14:25 – 14:50	Sung-Uk CHOI	Keynote A1-2	
<ul style="list-style-type: none"> How does the free jump dissipate energy efficiently? <i>Yonsei University (South Korea)</i> 			
14:50 – 15:05	Huabin SHI	Presentation A1-1	
<ul style="list-style-type: none"> A GPU-Based Two-Phase SPH Model for Intense Sediment Transport in Geological-Hazard Flows <i>University of Macau (China)</i> 			
15:05 – 15:20	Changzhi LI	Presentation A1-2	
<ul style="list-style-type: none"> Simulation and analysis on Flash Flood on Aug. 11, 2020 in Dayangou Watershed <i>China Institute of Water Resources and Hydropower Research (China)</i> 			
15:20 – 15:35	Yongping CHEN	Presentation A1-3	
<ul style="list-style-type: none"> Accurate short-term prediction of the water levels along the Yangtze estuary by using the NS_TIDE&AR model <i>Hohai University (China)</i> 			
15:35 – 15:55	COFFEE BREAK		
DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Junqiang XIA	A2
15:55 – 16:20	Yakun GUO	Keynote A2-1	
<ul style="list-style-type: none"> Numerical simulation of turbulent flow and sediment transport in meandering channel and river <i>University of Bradford (UK)</i> 			
16:20 – 16:35	Kaiheng HU	Presentation A2-1	
<ul style="list-style-type: none"> Remote sensing interpretation of rapid changes of river channel caused by the 2000 Yigong outburst flood in the southeastern Tibetan Plateau <i>Institute of Mountain Hazards and Environment, Chinese Academy of Sciences (China)</i> 			
16:35 – 16:50	Fengzhen TANG	Presentation A2-2	
<ul style="list-style-type: none"> Water and sediment benefits sharing under combined operation of reservoirs along the Yellow River mainstream <i>Yellow River Institute of Hydraulic Research (China)</i> 			
16:50 – 17:05	Zhongxiang WANG	Presentation A2-3	
<ul style="list-style-type: none"> Error analysis of PIV based pressure measurement method <i>Beijing Jiaotong University (China)</i> 			
17:05 – 17:20	Fan XU	Presentation A2-4	
<ul style="list-style-type: none"> Rationalizing the differences amongst hydraulic relationships using a process-based model <i>East China Normal University (China)</i> 			
17:20 – 17:35	Xiaolong SONG	Presentation A2-5	
<ul style="list-style-type: none"> Experiments on the deterministic and non-deterministic effects of water inflow on channelized configurations during the lacustrine delta evolution <i>Tianjin University (China)</i> 			
18:00 – 21:00	DINNER		

DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Zaijin YOU	B1
14:00 – 14:25	Hitoshi TANAKA	Keynote B1-1	
<ul style="list-style-type: none"> Characteristics of tsunami damping with different friction factors 		<i>Tohoku University (Japan)</i>	
14:25 – 14:50	Jinhai ZHENG	Keynote B1-2	
<ul style="list-style-type: none"> Harbor resonance over complex topography: numerical simulation and mechanism analysis 		<i>Hohai University (China)</i>	
14:50 – 15:05	Zhixin CHENG	Presentation B1-1	
<ul style="list-style-type: none"> Modelling study of human-induced historical changes in sediment provenance and transport in a macro-tidal estuary 		<i>Dalian Maritime University (China)</i>	
15:05 – 15:20	Lei REN	Presentation B1-2	
<ul style="list-style-type: none"> Investigation into coastal surface currents based on high frequency radar observations 		<i>Sun Yat-sen University (China)</i>	
15:20 – 15:35	Xin JIN	Presentation B1-3	
<ul style="list-style-type: none"> Numerical simulation of Faraday waves in a rectangular tank and damping mechanism of internal baffles 		<i>Chengdu University of Technology (China)</i>	
15:35 – 15:55	COFFEE BREAK		
DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Denghua YAN	B2
15:55 – 16:20	Lianhai WU	Keynote B2-1	
<ul style="list-style-type: none"> Effects of data temporal resolution on simulating water flux extremes at the field scale 		<i>Rothamsted Research (UK)</i>	
16:20 – 16:35	Stephan K. LAWSON	Presentation B2-1	
<ul style="list-style-type: none"> Influence of sandspit variability on coastal management processes at the "Bouche du Roi" Inlet, Benin 		<i>Tohoku University (Japan)</i>	
16:35 – 16:50	Wangru WEI	Presentation B2-2	
<ul style="list-style-type: none"> Predictions on free surface air entrainment and self-aeration development in high speed open channel flows 		<i>Sichuan University (China)</i>	
16:50 – 17:05	Dong WANG	Presentation B2-3	
<ul style="list-style-type: none"> ISPH simulation of wave breaking and local scour around coast-protection structures 		<i>Dalian Maritime University (China)</i>	
17:05 – 17:20	Huichao LI	Presentation B2-4	
<ul style="list-style-type: none"> Beaching behavior of floating marine debris in the nearshore with a constant slope 		<i>Hohai University (China)</i>	
17:20 – 17:35	Mingming LIU	Presentation B2-5	
<ul style="list-style-type: none"> Numerical investigation of local scour around a vibrating pipeline under steady current 		<i>Chengdu University of Technology (China)</i>	
18:00 – 21:00	DINNER		

DAY 1	AFTERNOON	SESSION	C1
	JUL 7 WED	Chair: Xiangzhou XU	
14:00 – 14:25	Nobuhito MORI	Keynote C1-1	
	<ul style="list-style-type: none"> Future changes in storm surge due to climate change in the western Pacific 		<i>DPRI, Kyoto University (Japan)</i>
14:25 – 14:50	Defu LIU	Keynote C1-2	
	<ul style="list-style-type: none"> Effects of cascade reservoirs on spatial distributions of water temperature and nutrient retention 		<i>Hubei University of Technology (China)</i>
14:50 – 15:05	Zhe LI	Presentation C1-1	
	<ul style="list-style-type: none"> Imbalanced stoichiometric reservoir sedimentation regulates methane accumulation in China's Three Gorges Reservoir 		<i>Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences (China)</i>
15:05 – 15:20	Li WANG	Presentation C1-2	
	<ul style="list-style-type: none"> Field-derived relationships between fish habitat distribution and flow-sediment conditions in fluctuating backwater zone of the Three Gorges Reservoir 		<i>Chongqing Jiaotong University (China)</i>
15:20 – 15:35	Jintao ZHENG	Presentation C1-3	
	<ul style="list-style-type: none"> Analysis of driving-constrained mechanism of development and utilization of reclaimed water in China and its potential research 		<i>Nanjing Hydraulic Research Institute (China)</i>
15:35 – 15:55	COFFEE BREAK		
DAY 1	AFTERNOON	SESSION	C2
	JUL 7 WED	Chair: Defu LIU	
15:55 – 16:20	Ellis PENNING	Keynote C2-1	
	<ul style="list-style-type: none"> Using nature-based solutions for integrated water management and ecological restoration: lessons learnt from the Netherlands 		<i>Deltares (The Netherlands)</i>
16:20 – 16:35	Juping HUANG	Presentation C2-1	
	<ul style="list-style-type: none"> Study on the flux miscalculation of greenhouse gases in reservoirs by using the static chamber method 		<i>Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences (China)</i>
16:35 – 16:50	Xuxin LEI	Presentation C2-2	
	<ul style="list-style-type: none"> Improving evapotranspiration calculation in lumped hydrological model using generalized complementary relationship 		<i>Wuhan University (China)</i>
16:50 – 17:05	Yichen SUN	Presentation C2-3	
	<ul style="list-style-type: none"> Microplastics in freshwater river sediments in Zhoushan, China 		<i>Zhejiang Ocean University (China)</i>
17:05 – 17:20	Jiajia PAN	Presentation C2-4	
	<ul style="list-style-type: none"> A novel stream tube method for discharge measurements in wintertime channels 		<i>China Institute of Water Resources and Hydropower Research (China)</i>
17:20 – 17:35	Feifei WEI	Presentation C2-5	
	<ul style="list-style-type: none"> Numerical simulation of the interaction between garbage particles and breakwaters in the ocean 		<i>Hainan University (China)</i>
18:00 – 21:00	DINNER		

DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Jian SUN	D1
14:00 – 14:25	Denghua YAN	Keynote D1-1	
<ul style="list-style-type: none"> To be confirmed 		<i>Nanjing Hydraulic Research Institute (China)</i>	
14:25 – 14:40	Linlin YAN	Presentation D1-1	
<ul style="list-style-type: none"> Study on numerical simulation and emergency control strategy of sudden water pollution scenarios in Dongzhang Reservoir 		<i>Tianjin University (China)</i>	
14:40 – 14:55	Hongjun ZHU	Presentation D1-2	
<ul style="list-style-type: none"> Leakage and diffusion behavior of oil-gas mixed flow from an underwater pipeline under the coupling action of wind, wave and current 		<i>Southwest Petroleum University (China)</i>	
14:55 – 15:10	Ye MA	Presentation D1-3	
<ul style="list-style-type: none"> Seawater intrusion in coastal aquifers of estuary area 		<i>Dalian Maritime University (China)</i>	
15:10 – 15:25	Kai HE	Presentation D1-4	
<ul style="list-style-type: none"> In-situ ecological remediation of urban black-odor water bodies based on biological carriers 		<i>Sun Yat-sen University (China)</i>	
15:25 – 15:40	Tao BAI	Presentation D1-5	
<ul style="list-style-type: none"> To be confirmed 		<i>Xi'an University of Technology (China)</i>	
15:35 – 15:55	COFFEE BREAK		
DAY 1	AFTERNOON JUL 7 WED	SESSION Chair: Chao LIU	D2
15:55 – 16:20	Qihua LIANG	Keynote D2-1	
<ul style="list-style-type: none"> A particle-based model for simulation of nonpoint source pollutant dynamics induced by rainfall 		<i>Loughborough University (UK)</i>	
16:20 – 16:35	Peng HU	Presentation D2-1	
<ul style="list-style-type: none"> Implementation of a hybrid first-order and WENO scheme as well as the local time step for pollutant transport modelling 		<i>Zhejiang University (China)</i>	
17:00 – 17:15	Jian SUN	Presentation D2-2	
<ul style="list-style-type: none"> Estuarine vertical water renewal and the implications for water quality 		<i>Tsinghua University (China)</i>	
17:15 – 17:30	Yang SONG	Presentation D2-3	
<ul style="list-style-type: none"> Key hydrodynamic indicator for implementing reservoir ecological operations to control dinoflagellate blooms in reservoirs 		<i>Chongqing Jiaotong University (China)</i>	
17:05 – 17:20	Jie SONG	Presentation D2-4	
<ul style="list-style-type: none"> Habitat simulation of typical vegetation under the influence of water and salt conditions in estuarine salt marsh 		<i>Beijing Normal University (China)</i>	
17:20 – 17:35	Shizhengxiong LIANG	Presentation D2-5	

- Assessing spatio-temporal distribution of geological hazards and their impact factors in Shaanxi province using machine learning

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

18:00 – 21:00

DINNER

DAY 2

MORNING

JUL 8 THU

SESSION

A3

Chair: Ling LI

08:30 – 08:55

Ioan NISTOR

Keynote A3-1

- Field and experimental modeling of scour induced by turbulent bores around structures

University of Ottawa (China)

08:55 – 09:20

Qing HE

Keynote A3-2

- Delta responses to rapid decline in sediment supply

East China Normal University (China)

09:20 – 09:35

Sulan ZHANG

Presentation A3-1

- Strategic thinking and countermeasures of water security in Sichuan Province

Sichuan Institute of Land Science and Technology (China)

09:35 – 09:50

Ao GONG

Presentation A3-2

- Experimental study on water erosion resistance of tra anchor pad during water level ebb and flow

Chongqing Jiaotong University (China)

09:50 – 10:05

Changxun ZHAN

Presentation A3-3

- Real-time water depth prediction of multiple manholes based on spatio-temporal correlation

Fuzhou University (China)

10:05 – 10:25

COFFEE BREAK

DAY 2

MORNING

JUL 8 THU

SESSION

A4

Chair: Qing HE

10:25 – 10:50

Hajime NAKAGAWA

Keynote A4-1

- Recent debris flow disasters and their mitigation measures in Japan

Kyoto University (China)

10:50 – 11:15

Ling LI

Keynote A4-2

- Granular column collapses: implications for studies of landslides and other geo-hazards

Westlake University (China)

11:15 – 11:30

Sizhong He

Presentation A4-1

- Identification and application of the thresholds of pre-release indexes for flood control of a reservoir

Changsha University of Science and Technology (China)

11:30 – 11:45

Jing CHEN

Presentation A4-2

- Numerical simulation of fluid-structure interactions of bridge piers with local scours

Hohai University (China)

11:45 – 12:00

Jinhua SI

Presentation A4-3

- Is the mechanism of jet-induced local scour still mysterious?

Sichuan University (China)

12:00 – 12:15

Zi WU

Presentation A4-4

- Two-regime scaling for hop distance-time relation during bedload particle motions

Tsinghua University (China)

12:15 – 18:00

LUNCH & TECHNICAL TOUR

DAY 2	MORNING	SESSION	B3
	JUL 8 THU	Chair: Xiaohong CHEN	
08:30 – 08:55	Arturo MARCANO	Keynote B3-1	
	<ul style="list-style-type: none"> Assessing the hydraulics safety of existing dams - a view to dam rehabilitation 		<i>Central University of Venezuela (Venezuela)</i>
08:55 – 09:20	Asaad SHAMSELDIN	Keynote B3-2	
	<ul style="list-style-type: none"> The role of atmospheric rivers in water-related disasters 		<i>The University of Auckland (New Zealand)</i>
09:20 – 09:35	Jingwen WANG	Presentation B3-1	
	<ul style="list-style-type: none"> Mathematical description of formation and emergency response process of barrier lake based on calculus theory 		<i>Wuhan University (China)</i>
09:35 – 09:50	Xiuzhu PENG	Presentation B3-2	
	<ul style="list-style-type: none"> Effects of permeable groins on river regime in the lower reaches of the Yellow River 		<i>Dalian University of Technology (China)</i>
09:50 – 10:05	Xincong CHEN	Presentation B3-3	
	<ul style="list-style-type: none"> The influence of the BSISO oscillation in the summer season on the extreme ocean waves off the coast of China 		<i>Hohai University (China)</i>
10:05 – 10:25	COFFEE BREAK		
DAY 2	MORNING	SESSION	B4
	JUL 8 THU	Chair: Tongtiegang ZHAO	
10:25 – 10:50	Yueping YIN	Keynote B4-1	
	<ul style="list-style-type: none"> Reservoir-induced landslides & risk control in Three Gorges Project, the Yangtze River, China 		<i>China Institute of Geoenvironment Monitoring, China Geological Survey (China)</i>
10:50 – 11:15	Xiaohong CHEN	Keynote B4-2	
	<ul style="list-style-type: none"> Assessing the effects of reservoirs on extreme flows using nonstationary flood frequency models with the modified reservoir index as a covariate 		<i>Sun Yat-sen University (China)</i>
11:15 – 11:30	Junzheng LIU	Presentation B4-1	
	<ul style="list-style-type: none"> Study on energy dissipation of boundary resistance and riverbed stability in the typical reach of the lower Yellow River 		<i>Tianjin University (China)</i>
11:30 – 11:45	Yan XIONG	Presentation B4-2	
	<ul style="list-style-type: none"> Simulation of the interaction between fluid flow and debris 		<i>Hohai University (China)</i>
11:45 – 12:00	Boliang DONG	Presentation B4-3	
	<ul style="list-style-type: none"> Coupled 1D/2D hydrodynamic modelling and hazard risk assessment of urban floods 		<i>Wuhan University (China)</i>
12:00 – 12:15	Gaoqiang KONG	Presentation B4-4	
	<ul style="list-style-type: none"> Study on the influence of tidal flat on heat dynamics in Xiangshan Bay 		<i>Zhejiang University (China)</i>
12:15 – 18:00	LUNCH & TECHNICAL TOUR		

DAY 2	MORNING JUL 8 THU	SESSION Chair: Xinghui XIA	C3
08:30 – 08:55	Zhiyong DONG	Keynote C3-1	
<ul style="list-style-type: none"> An experimental study of turbulent structures in a combined fishway of central orifice and vertical slot <i>Zhejiang University of Technology (China)</i> 			
08:55 – 09:20	Yujun YI	Keynote C3-2	
<ul style="list-style-type: none"> Aquatic ecosystem dynamic simulation of Yellow River estuary under water and sediment regulation <i>Beijing Normal University (China)</i> 			
09:20 – 09:35	Mingming TIAN	Presentation C3-1	
<ul style="list-style-type: none"> Spatio-temporal characteristics of suitable ecological water level in Poyang Lake, China <i>Hohai University (China)</i> 			
09:35 – 09:50	Jiaren CHEN	Presentation C3-2	
<ul style="list-style-type: none"> Longitudinal distributions of phytoplankton of Xiaojiang River in low water level <i>Tsinghua University (China)</i> 			
09:50 – 10:05	Lei XU	Presentation C3-3	
<ul style="list-style-type: none"> Mixing processes of water quality parameters at the confluence of Yangtze River and Poyang Lake <i>Hohai University (China)</i> 			
10:05 – 10:25	COFFEE BREAK		
DAY 2	MORNING JUL 8 THU	SESSION Chair: Yujun YI	C4
10:25 – 10:50	Naresh SINGHAL	Keynote C4-1	
<ul style="list-style-type: none"> Linkage between the behaviour of environmental systems and the regulation of intracellular microbial metabolism by reactive oxygen species <i>The University of Auckland (New Zealand)</i> 			
10:50 – 11:15	Xinghui XIA	Keynote C4-2	
<ul style="list-style-type: none"> Methane emission from inland waters and its response to climate warming <i>Beijing Normal University (China)</i> 			
11:15 – 11:30	Hefang JING	Presentation C4-1	
<ul style="list-style-type: none"> Numerical investigation of flow in a compound flume with rigid vegetation by lattice Boltzmann method <i>North Minzu University (China)</i> 			
11:30 – 11:45	Qiaoling ZHANG	Presentation C4-2	
<ul style="list-style-type: none"> Experimental study on flow characteristics in curve open channel with suspended vegetation <i>North Minzu University (China)</i> 			
11:45 – 12:00	Weifeng YE	Presentation C4-3	
<ul style="list-style-type: none"> Analysis of wave dissipation by vegetation and drag coefficient based on a genetic programming algorithm <i>Sun Yat-sen University (China)</i> 			
12:00 – 12:15	Yongde KANG	Presentation C4-4	
<ul style="list-style-type: none"> Two-dimensional hydrodynamic robust numerical model of soil erosion based on slope and river basin <i>Xi'an University of Technology (China)</i> 			
12:15 – 18:00	LUNCH & TECHNICAL TOUR		

DAY 2	MORNING JUL 8 THU	SESSION Chair: Xizeng ZHAO	D3
08:30 – 08:55	Junke GUO	Keynote D3-1	
<ul style="list-style-type: none"> Unit-volume hydrograph from similarity between flood and epidemic curves 		<i>University of Nebraska Lincoln (USA)</i>	
08:55 – 09:20	Xiaohui LEI	Keynote D3-2	
<ul style="list-style-type: none"> The key technologies of intelligent urban drainage management 		<i>China Institute of Water Resources and Hydropower Research (China)</i>	
09:20 – 09:35	Manjie LI	Presentation D3-1	
<ul style="list-style-type: none"> Protection of drinking water quality in pipe distribution systems 		<i>Tsinghua University (China)</i>	
09:35 – 09:50	Donglai LI	Presentation D3-2	
<ul style="list-style-type: none"> Influence of synchronization time of hybrid CPU/GPU 1D-2D coupled model for urban rainfall-runoff process 		<i>Xi'an University of Technology (China)</i>	
09:50 – 10:05	Lin LIU	Presentation D3-3	
<ul style="list-style-type: none"> Effect of variability of soil moisture on hydrological response in a mountainous catchment 		<i>Zhejiang University (China)</i>	
10:05 – 10:25	COFFEE BREAK		
DAY 2	MORNING JUL 8 THU	SESSION Chair: Wangru WEI	D4
10:25 – 10:50	Xiping YU	Keynote D4-1	
<ul style="list-style-type: none"> Description of air-sea momentum exchange under extreme wind conditions 		<i>Tsinghua University (China)</i>	
10:50 – 11:15	Zaijin YOU	Keynote D4-2	
<ul style="list-style-type: none"> Unified approach to extreme value analysis of coastal storm wave heights 		<i>Dalian Maritime University (China)</i>	
11:15 – 11:30	Xizeng ZHAO	Presentation D4-1	
<ul style="list-style-type: none"> Wave interaction with submerged fluid-filled membrane breakwater using a CIP-based model 		<i>Zhejiang University (China)</i>	
11:30 – 11:45	Wenxuan SUN	Presentation D4-2	
<ul style="list-style-type: none"> Evaluation of whitecapping term of SWAN model during typhoons 		<i>Ocean University of China (China)</i>	
11:45 – 12:00	Zhenhuan LIN	Presentation D4-3	
<ul style="list-style-type: none"> Vortex induced vibration of submarine pipeline under coupling action of internal excitation of oscillatory attenuation and external ocean current 		<i>Fuzhou University (China)</i>	
12:00 – 12:15	Ye MENG	Presentation D4-4	
<ul style="list-style-type: none"> The study on the calculation methods of design wave height in South China Sea 		<i>Ocean University of China (China)</i>	
12:15 – 18:00	LUNCH & TECHNICAL TOUR		

DAY 3	MORNING	SESSION	A5
	JUL 9 FRI	Chair: Baofeng DI	
08:30 – 08:55	Zongxue XU	Keynote A5-1	
<ul style="list-style-type: none"> Mechanism and risk assessment of urban flood/waterlogging disasters in China <p style="text-align: right;"><i>Beijing Normal University (China)</i></p>			
08:55 – 09:20	Shanghong ZHANG	Keynote A5-2	
<ul style="list-style-type: none"> Flood control ability of the Three Gorges Reservoir and the upstream cascade reservoirs in a catastrophic flood <p style="text-align: right;"><i>North China Electric Power University (China)</i></p>			
09:20 – 09:35	Chen YANG	Presentation A5-1	
<ul style="list-style-type: none"> Experimental study of bed morphology evolution under 2D dam-break flow <p style="text-align: right;"><i>North China University of Water Resources and Electric Power (China)</i></p>			
09:35 – 09:50	Yuan YANG	Presentation A5-2	
<ul style="list-style-type: none"> Global reach-level 3-hourly river flood reanalysis (1980-2019) <p style="text-align: right;"><i>China Three Gorges Corporation (China)</i></p>			
09:50 – 10:05	Yu WANG	Presentation A5-3	
<ul style="list-style-type: none"> Analysis on the influence of mountain flood disaster in damacun small watershed on Chengdu Kunming Railway <p style="text-align: right;"><i>China Institute of Water Resources and Hydropower Research (China)</i></p>			
10:05 – 10:50	COFFEE BREAK & POSTER		
DAY 3	MORNING	SESSION	A6
	JUL 9 FRI	Chair: Shanghong ZHANG	
10:50 – 11:15	Baofeng DI	Keynote A6-1	
<ul style="list-style-type: none"> From mass wasting processes of soil to human settlement risk and its adaptation <p style="text-align: right;"><i>Sichuan University (China)</i></p>			
11:15 – 11:30	Yifei CHENG	Presentation A6-1	
<ul style="list-style-type: none"> Non-equilibrium transport of nonuniform sediment and its effect on channel evolution in the lower Yellow River <p style="text-align: right;"><i>Wuhan University (China)</i></p>			
11:30 – 11:45	Yafei DUAN	Presentation A6-2	
<ul style="list-style-type: none"> Energy loss and flow distribution in multipoint intakes <p style="text-align: right;"><i>China Institute of Water Resources and Hydropower Research (China)</i></p>			
11:45 – 12:00	Zhan HU	Presentation A6-3	
<ul style="list-style-type: none"> Indirect wave energy loss when wave propagates through vegetation canopies <p style="text-align: right;"><i>Sun Yat-sen University (China)</i></p>			
12:00 – 12:15	Yunqiang ZHU	Presentation A6-4	
<ul style="list-style-type: none"> Preliminary study on the hydrodynamics near the confluence of the Niyang River and the Yarlung Zangbo River <p style="text-align: right;"><i>Hohai University (China)</i></p>			
12:15 – 14:00	LUNCH		

DAY 3	MORNING JUL 9 FRI	SESSION Chair: Xiaotao CHENG	B5
08:30 – 08:55	Xuanmei FAN	Keynote B5-1	
<ul style="list-style-type: none"> Earthquake induced chains of geological hazards 		<i>Chengdu University of Technology (China)</i>	
08:55 – 09:20	Lu WANG	Keynote B5-2	
<ul style="list-style-type: none"> Grade control in degrading channels 		<i>Sichuan University (China)</i>	
09:20 – 09:35	Guanghui YAN	Presentation B5-1	
<ul style="list-style-type: none"> Hydrodynamics at the channel confluence with a floodplain 		<i>Hohai University (China)</i>	
09:35 – 09:50	Hualin WANG	Presentation B5-2	
<ul style="list-style-type: none"> Migration of erosion centers along the Yichang-Chenglingji Reach downstream of the Three Gorges Dam 		<i>Wuhan University (China)</i>	
09:50 – 10:05	Gui HU	Presentation B5-3	
<ul style="list-style-type: none"> Source characteristics and tsunami resonance effect of the 2020 Mw 6.9 Samos earthquake in Eastern Aegean 		<i>Sun Yat-sen University (China)</i>	
10:05 – 10:50	COFFEE BREAK & POSTER		
DAY 3	MORNING JUL 9 FRI	SESSION Chair: Lu WANG	B6
10:50 – 11:15	Xiaotao CHENG	Keynote B6-1	
<ul style="list-style-type: none"> Appropriate pattern and risk governance of comprehensive water disaster management in the new period of development 		<i>China Institute of Water Resources and Hydropower Research (China)</i>	
11:15 – 11:30	Qi ZHANG	Presentation B6-1	
<ul style="list-style-type: none"> Influence of asymmetry on the performance of a generator-integrated breakwater 		<i>Harbin Engineering University (China)</i>	
11:30 – 11:45	Sheng YAN	Presentation B6-2	
<ul style="list-style-type: none"> Experimental study of boundary-controlled rip current systems 		<i>Dalian Maritime University (China)</i>	
11:45 – 12:00	Yu GAO	Presentation B6-3	
<ul style="list-style-type: none"> Variations in characteristic discharges in the Jingjiang reach after the impoundment of the Three Gorges Dam 		<i>Wuhan University (China)</i>	
12:00 – 12:15	Sixue CHENG	Presentation B6-4	
<ul style="list-style-type: none"> A modified steady Korteweg-de Vries (KdV)-Burgers equation with a variable coefficient 		<i>Zhejiang University (China)</i>	
12:15 – 14:00	LUNCH		

DAY 3	MORNING JUL 9 FRI	SESSION Chair: Wenxin HUAI	C5
08:30 – 08:55	Chao LIU	Keynote C5-1	
<ul style="list-style-type: none"> Flow and sediment resuspension in vegetated channels 		<i>Sichuan University (China)</i>	
08:55 – 09:20	Qiuwen CHEN	Keynote C5-2	
<ul style="list-style-type: none"> Adaptive management strategy for eutrophic lakes under changing environment 		<i>China Institute of Water Resources and Hydropower Research (China)</i>	
09:20 – 09:35	Lei CHEN	Presentation C5-1	
<ul style="list-style-type: none"> Optimization of combined fishway design based on fish behavioristics and hydraulics 		<i>China Three Gorges University (China)</i>	
09:35 – 09:50	Zhiyuan ZHANG	Presentation C5-2	
<ul style="list-style-type: none"> Determination of optimal threshold and calculation of fractal dimension in nine major river basins of China based on DEMs 		<i>Hohai University (China)</i>	
09:50 – 10:05	Jian WANG	Presentation C5-3	
<ul style="list-style-type: none"> Numerical investigation on flow around two side-by-side patches of emergent vegetation 		<i>Shanghai Jiao Tong University (China)</i>	
10:05 – 10:50	COFFEE BREAK & POSTER		
DAY 3	MORNING JUL 9 FRI	SESSION Chair: Qiuwen CHEN	C6
10:50 – 11:15	Wenxin HUAI	Keynote C6-1	
<ul style="list-style-type: none"> Sediment transport in vegetated open channel flow 		<i>Wuhan University (China)</i>	
11:15 – 11:30	Zhixuan SONG	Presentation C6-1	
<ul style="list-style-type: none"> Research progress and trends of water quality safety assurance technology in water conveyance projects 		<i>Tianjin University (China)</i>	
11:30 – 11:45	Dantong LIN	Presentation C6-2	
<ul style="list-style-type: none"> Simulation of colloids transport and retention by pore-network model: influence of particle size and flow velocity 		<i>Tsinghua University (China)</i>	
11:45 – 12:00	Shijie ZHU	Presentation C6-3	
<ul style="list-style-type: none"> Predictive mapping of the trophic state in urban waters integrating environmental factors and RS images 		<i>Hohai University (China)</i>	
12:00 – 12:15	Xinyu HU	Presentation C6-4	
<ul style="list-style-type: none"> Flux control method for uniform and eco-friendly fertilization based on differential pressure tank 		<i>China Agricultural University (China)</i>	
12:15 – 14:00	LUNCH		

DAY 3	MORNING JUL 9 FRI	SESSION D5	
		Chair: Dezhi NING	
08:30 – 08:55	Dawen YANG	Keynote D5-1	
<ul style="list-style-type: none"> Understanding hydro-eco-environment changes in the Yangtze River 		<i>Tsinghua University (China)</i>	
08:55 – 09:20	Guangqiu JIN	Keynote D5-2	
<ul style="list-style-type: none"> Hyporheic exchange of reactive substances 		<i>Hohai University (China)</i>	
09:20 – 09:35	Weiyang ZHAO	Presentation D5-1	
<ul style="list-style-type: none"> The experimental investigation of reaeration for free surface flows 		<i>Sichuan University (China)</i>	
09:35 – 09:50	Yingying FENG	Presentation D5-2	
<ul style="list-style-type: none"> Spatial-temporal characteristics of hydrological extremes in the Han River Basin 		<i>Sun Yat-Sen University (China)</i>	
09:50 – 10:05	Biao HUANG	Presentation D5-3	
<ul style="list-style-type: none"> Data-driven analysis and forecasting for sewer flow of an old community in Ningbo, China 		<i>Ningbo University (China)</i>	
10:05 – 10:50	COFFEE BREAK & POSTER		
DAY 3	MORNING JUL 9 FRI	SESSION D6	
		Chair: Dawen YANG	
10:50 – 11:15	Dezhi NING	Keynote D6-1	
<ul style="list-style-type: none"> Hydrodynamic performance of a Bragg reflection breakwater 		<i>Dalian University of Technology (China)</i>	
11:15 – 11:30	Yuhang GU	Presentation D6-1	
<ul style="list-style-type: none"> Numerical simulation study of the variable topography influences on the wave-current forces for sea-crossing bridge cap 		<i>Southwest Jiaotong University (China)</i>	
11:30 – 11:45	Kaiyue SHAN	Presentation D6-2	
<ul style="list-style-type: none"> Possible impact of climate change on tropical cyclone activities based on a new trajectory model 		<i>Tsinghua University (China)</i>	
11:45 – 12:00	Jun ZENG	Presentation D6-3	
<ul style="list-style-type: none"> Effect of the seaward boundary condition on the swash hydrodynamics with bottom friction 		<i>Zhejiang University (China)</i>	
12:00 – 12:15	Rui ZHU	Presentation D6-4	
<ul style="list-style-type: none"> Mixing and erosion of a turbidity current at seafloor 		<i>Zhejiang University (China)</i>	
12:15 – 14:00	LUNCH		

DAY 3	AFTERNOON	PLENARY	P3
	JUL 9 FRI	Chair: Jianmin ZHANG	
14:00 – 14:45	David ZHU	Plenary lecture 5	
<ul style="list-style-type: none"> Eco-hydraulics for Sustainable Hydropower 			

University of Alberta (Canada)

DAY 3	AFTERNOON	CLOSING CEREMONY
	JUL 9 FRI	
14:45 – 15:15	<ul style="list-style-type: none"> Awards for Wu Chi-Gong Award, students' best paper, best presentation and best poster Closing remarks 	

Technical Tour: Chengdu Planning Exhibition Hall

The technical tour departs at 13:30 of July 8th (DAY 2) from the front entrance of Xiangyu Hotel.

Destination at a glance

Chengdu Planning Exhibition Hall is located in the High-tech Zone of Chengdu City and demonstrates the city's construction that fully embodies new development concepts. The hall has three floors. The first floor combines the architectural features of the exhibition to create the space of grand and solemn. The multi-screen interactive multimedia demonstration platform displays the general situation of Chengdu City, the "impression of Chengdu" movies, and other contents. The second floor displays the civilization development and historical and cultural wisdom of Chengdu for thousands of years. The third floor systematically introduces the overall urban planning of Chengdu.

