

**Sino-German Workshop “Hydro-Climatological Extremes”
March 18-19, 2021**

Online Workshop of the Sino-German Cooperation Group „Managing Risk of Water Scarcity“

Coordination

Chair of Engineering Hydrology and Water Management of TU Darmstadt
and Nanjing University of Information Science & Technology

Date

March 18-19, 2021

Participants

i) FROM CHINA

- Nanjing University of Information Science & Technology
- China Meteorological Administration - National Meteorological Centre
- NIGLAS, CAS
- Xinjiang Institute of Ecology and Geography, CAS
- State Key Laboratory of Desert and Oasis Ecology, CAS
- SDNU (Shandong Normal University)
- Ningbo Univ.
- IAMES

ii) FROM GERMANY

- TU Darmstadt
- TU Munich
- Univ. Kiel
- UFZ, Univ. Leipzig



Nanjing University of
Information Science and Technology



TECHNISCHE
UNIVERSITÄT
DARMSTADT

ihwb Ingenieurhydrologie und
Wasserbewirtschaftung

HYDRO-CLIMATOLOGICAL EXTREMES

March 18-19, 2021

**Online Workshop
of the
Sino-German Cooperation Group
„Managing Risk of Water Scarcity“**

Supported by:



Workshop Program

March 18, 2021

Time Germany	Time China	Activities
08:00- 08:10	15:00- 15:10	Welcome Britta SCHMALZ (Technical University of Darmstadt) Guojie WANG (Nanjing University of Information Science and Technology)
		<i>4 Presentations (each 10 min. + 5 min. discussion)</i>
08:10- 08:25	15:10- 15:25	Jian PENG, Almudena GARCIA-GARCIA, Marco HANNEMANN, Zhan LI, Toni SCHMIDT: Tackling hydro-climate extremes from a model-data fusion perspective
08:30- 08:45	15:30- 15:45	WEN Shanshan: Discharge changes in the Upper Yangtze River Basin attributable to climate change
08:50- 09:05	15:50- 16:05	ZHANG Qi: A modelling study of groundwater-lake interactions in the low plain area of Poyang lake
09:10- 09:25	16:10- 16:25	HUANG Jinlong: Future drought characteristic and cropland exposure in China under CMIP6 SSP-RCP scenarios
09:25- 09:35	16:25- 16:35	<i>Break</i>
		<i>4 Presentations (each 10 min. + 5 min. discussion)</i>
09:35- 09:50	16:35- 16:50	Paul WAGNER, Chaogui LEI, Nicola FOHRER: Impact of low flow periods on water quality in the Stoer catchment, Germany
09:55- 10:10	16:55- 17:10	LIN Qigen: Assessing the spatiotemporal impact of climate change on landslide occurrences in China
10:15- 10:30	17:15- 17:30	Markus DISSE, Maria KAISER, Karl BROICH: Flash floods – global trends and importance for Bavaria: modelling and warning
10:35- 10:50	17:35- 17:50	Le KIEU, Stefan SCHAEFER: Urban flood mitigation through Sponge City design: concepts and examples
10:50- 11:00	17:50- 18:00	Conclusions, organisational issues (Britta SCHMALZ, Guojie WANG)

March 19, 2021

8:00-11:00 German Time = 15:00-18:00 Chinese Time

Discussion and planning of future activities (Chair: Britta SCHMALZ, JIANG Tong)

- ZHANG Yanlin: Introducing the International Association of Meteorological Education and Sciences, IAMES.
- JIANG Tong: Introducing the CSC funded program - International cooperation training project for innovative talents
- joint project proposals - project ideas and funding
- joint publications
- etc.