



Beijing Office  
驻华代表处



WASER

WORLD ASSOCIATION FOR SEDIMENTATION  
AND EROSION RESEARCH

世界泥沙研究学会



Sustainable Sediment Management in Storage Reservoirs and Run-of-River Hydropower Plants

# WORKSHOP ON RESCON 2 AND NUMERICAL MODELING FOR ASSESSMENT OF SEDIMENT MANAGEMENT ALTERNATIVES

Chengdu, China  
September 17, 2019

<b>Block 1</b>	<b>13:30 – 14:00</b>	<b>Workshop Opening</b>
		<ul style="list-style-type: none"> <li>• Welcome speech, importance of sedimentation and sediment management for water resources management in China and worldwide Cheng Liu, IRTCES</li> <li>• World Bank's initiatives to increase awareness of the challenge and determination to address the issue of sedimentation Pravin Karki, Global Lead hydropower &amp; Dams, World Bank</li> </ul>
<b>Block 2</b>	14:00 – 15:00	<p>Sedimentation and Sedimentation Management Gregory L. Morris, Independent Consultant, World Bank</p> <ul style="list-style-type: none"> <li>• Sediment yield &amp; monitoring</li> <li>• Predicting sedimentation rates and patterns</li> <li>• Sediment management countermeasures</li> <li>• Example reservoirs and interventions</li> </ul>
<b>Block 3</b>	15:30 – 16:30	<p>RESCON 2 overview and training Nikolaos Efthymiou, Independent Consultant, World Bank</p> <ul style="list-style-type: none"> <li>• Methodological approach</li> <li>• Data collection and pre-processing</li> <li>• Model set-up and calibration</li> <li>• Identification of optimum sediment management approach</li> <li>• Climate change analysis</li> </ul>
<b>Block 4</b>	16:30 – 17:30	<p>Introduction to numerical and physical modeling Helmut Habersack, UNESCO Chair in Integrated River Research and Engineering, BOKU</p> <ul style="list-style-type: none"> <li>• Theoretical background to numerical and physical modelling</li> <li>• Capabilities of numerical and physical models in sediment management</li> <li>• Data requirements</li> <li>• Model setup and calibration</li> <li>• Application examples</li> </ul>

# Welcome speech, importance of sedimentation and sediment management for water resources management in China and worldwide

- Brief introduction of WASER  
Establishment and Contributions;  
International Symposium on River Sedimentation;  
International Journal of Sediment Research;  
WASER awards.
- Sediment Management  
Importance and challenges;  
Chinese experiences;  
New water governance policy put forward by Chinese President Xi Jinping.
- Thanks and wishes.