

## INVITATION

BME – **Department of Hydraulic and Water Resources Engineering**, respectively  
MTA – **Water Management Scientific Committee**  
and **Hydrological Interdepartmental Standing Committee**,  
as well as that  
ELKH-BME – **Water Management Research Group**  
joint symposium

Date of the meeting: **November 3, 2022 (Thursday), 2 p.m**  
Location: BME Central Building, Ceremonial Hall

## PROGRAM

**14:00 Opening**

János Levendovszky  
Vice-Rector for Science and Innovation, BME

**14:05 Lowland river diversions and impacts on hydrology, sediment transport, and flooding: A case study from the Mississippi River, U.S.A.**

Jeffrey Nittrouer  
Associate Professor, Dept. of Geosciences, Texas Tech University U.S.A.

**15:00 Do wing dam fields increase flood stage in large rivers?  
Answers from high-fidelity numerical modeling**

Gary Parker  
Emeritus Professor, Dept. of Civil & Environmental Engineering and Dept. of  
Geology, University of Illinois Urbana-Champaign U.S.A.

**Chairman:** Sándor Baranya

Head of Department, Hydraulic and Water Resources Engineering, BME

15-minute questions and comments follow the talks held in English.  
We warmly welcome all interested parties!

Please indicate your intention to participate [by registering!](#)

**József Szilágyi**

President

Water Management Scientific Committee

**Rózsa Csoma**

Secretary

**Péter Szűcs**

President

Hydrological Interdepartmental Standing Committee

**Péter Torma**

Secretary

**Sándor Baranya**

Head of Department

Hydraulic and Water Resources Engineering

**Gergely Török**

Research Associate

Water Management Research Group

Budapest, October 21, 2022

## Gary Parker

B.S. Johns Hopkins University, 1971

Ph.D. University of Minnesota, 1974

Presently Emeritus Professor, Dept. of Civil & Environmental Engineering and Dept. of Geology, University of Illinois Urbana-Champaign USA



Member, National Academy of Sciences, USA

Fellow, American Geophysical Union

Research interests: river morphodynamics, river engineering, sediment transport in rivers and the deep ocean, landscape evolution

## Jeffrey Nittrouer

B.S. University of Washington, 2003 (Geology)

M.S. Tulane University, 2006 (Earth and Environmental Sciences)

Ph.D. University of Texas, 2010 (Geosciences)

Presently, Associate Professor, Dept. of Geosciences, Texas Tech University



Luna Leopold Award, American Geophysical Union, 2013

Research interests: observing and modeling river morphodynamics, relating modern processes to understand past (ancient) environments using the stratigraphic record, assessing the roles of climate, tectonics, and intrinsic variability for shaping fluvial-deltaic systems