



2024 Lower Mississippi River Science Symposium

sponsored by the Charlotte Beyer Hubbell Fund

Lavin Bernick Center, Tulane University (Live-streamed via Zoom)

Thursday, April 4, 2024 - Kendall Cram Room, 2nd Floor	
8:15 AM	DOORS OPEN
9:00 - 9:30	WELCOME
9:00 AM	Kimberly Foster, PhD, Dean, Tulane School of Science and Engineering
9:10 AM	Mead Allison, PhD, Professor and Chair, Dept. of River-Coastal Science and Engineering, Tulane University
9:30 - 12:00	Opening Session: Hydrological Extremes
	Hydrological Extremes
9:30 - 9:55	Overview of Climate Change Scenarios for Elements of the Water Cycle within the MS River Basin
25 mins	Suzanne Van Cooten, PhD, Regional Administrator, South Central Climate Adaptation Science Center, USGS
9:55 - 10:20	Lower Missouri River Flow Frequency Update
25 mins	Paul Boyd, PhD, PE, Hydraulic Engineer USACE - Omaha District
10:20 - 10:45	Navigation
25 mins	Sean Duffy, Executive Director, Big River Coalition
10:45 AM	BREAK 15 mins
11:00 - 11:25	Summary of Operational and Modeling Actions of Hydrological Low Salt Wedge Update
25 mins	Gary Brown, Research Hydraulic Engineer, Coastal and Hydraulics Laboratory, ERDC
11:25 - 11:50	Analysis of Drought Events in the Lower Mississippi River
25 mins	Ehab Meselhe, PhD, PE, Nicholas Altiero Distinguished Professor, Department of River-Coastal Science and Engineering, Tulane School of Science and Engineering
11:50 - 12:15	The Impact of Riverine Inputs on Coastal Forecasting in Northern Gulf
25 mins	Saeed Moghimi, PhD, Team Lead, NOS Storm Surge Modeling, Coastal Marine Modeling Branch, Coast Survey Development Laboratory, Office of Coast Survey at NOAA National Ocean Service
12:15 - 1:15 PM	LUNCH
1:15 - 2:00	Hydrological Extremes Plenary Panel
2:00-2:10 PM	BREAK - 10 MIN
	Afternoon Session 1
2:10 - 2:40	Habitat Classification
30 mins	Jack Killgore, PhD, Adjunct Professor, Tulane School of Science and Engineering, Research Fisheries Biologist, U.S. Army Engineer Research and Development Center
2:40 - 3:10	Presentation Title to be Confirmed
30 mins	David Biedenbarn, PhD, Adjunct Professor, Tulane University, Research Hydraulic Engineer, U.S. Army Engineer Research and Development Center
3:10- 3:40	Upper MS Regualtion
30 mins	Liam Wallace, Civil Engineer, US Army Corps of Engineers, Water Management, St. Louis District
3:40 - 3:50	BREAK - 10 MIN
	Afternoon Session 2
3:50 - 4:20	Large Scale Floodplain Restoration in La, MS, AR markets project
30 mins	Jason Milks, US Reforestation Program Director- North America Region at The Nature Conservancy
4:20-4:50	Presentation Title to be Confirmed
30 mins	NOAA
	Day 1 Closing Remarks
4:50 - 5:00	Mead Allison, Professor & Chair, Department of River-Coastal Science and Engineering
5:00 - 6:30	Reception and Poster Session

Friday, April 5, 2024 - Kendall Cram and Breakout rooms, 2nd Floor

8:30 AM

DOORS OPEN

Mississippi River Basin Regional Efforts

9:00 - 9:25 - 25 mins

An Overview of the America's Watershed Initiative's Mississippi River Watershed Partnership - *Kim Lutz, Executive Director, America's Watershed Initiative*

9:25 - 9:50 - 25 mins

An Overview of the Lower Mississippi River Comp Study - *Deborah Centola, U.S. Army Corps of Engineers, New Orleans*

9:50 - 10:15 - 25 mins

The Mississippi River Delta Transition Initiative: MissDelta - *Sam Bentley, Professor and Billy and Ann Harrison Chair in Sedimentary Geology, LSU Department of Geology and Physics*

Co-production/Participatory Modeling

10:30 - 11:45

Scott A. Hemmerling, PhD, Senior Research Scientist, The Water Institute of the Gulf; Traci Birch, Interim Managing Director, LSU Coastal Sustainability Studio; Josh Lewis, Research Director, Tulane ByWater Institute

11:45 - Noon

Closing Remarks