



SYMPOSIUM IN HONOR OF DAVID MAIDMENT:

GIS in WATER RESOURCES and MORE

May 12, 2022 | 8:30 AM – 4:00 PM CT

Austin Marriott South, Austin, TX | Lone Star A-C

8:30 AM REGISTRATION & COFFEE

8:50 AM WELCOME

David Tarboton, Utah State University; Lilit Yeghiazarian, University of Cincinnati; and Robert Gilbert, UT Austin

9:00 AM THE NATIONAL WATER MODEL

A Foundation for the Future - Ed Clark, National Water Center, NOAA

Site Maps, Base Maps, and Flood Maps Oh My - Fernando Salas, National Water Center, NOAA

The National Water Model and Emergency Management - Harry Evans, University of Texas at Austin

Water Flowing Down the Blue Lines on the Map: Past, Present, and Future – Cedric David, NASA’s Jet Propulsion Laboratory, California Institute of Technology

10:30 AM BREAK

11:00 AM BROADER APPLICATIONS: Open Mic for Attendees

Data Hubs, Interoperability, and Floods - Klaus Kisters, Kisters AG

National DEM-based Hydro - Al Rea, Emeritus, USGS

No Telling How Much Good Hydrologic Data in the Right Place Can Do - Jim Nelson, Brigham Young University

12:30 PM LUNCH CHAT | JERAD BALES, CUAHSI

Strengthening the Hydrologic Science Community through Access to Data and Modeling

2:00 PM FLOODING

Topography, Geomorphology, and Flood Modeling - Paola Passalacqua, University of Texas at Austin

The Flood Quilt and other TWDB Flood Initiatives - Saul Nuccitelli, Texas Water Development Board

Post Harvey and Imelda: Installation of Low-cost Flood Sensors over a 7-County Region in SETx (or How I met Dr. Maidment) - Liv Haselbach, Lamar University

The Convergence and Future of Flood Mapping and GIS - Steve Kopp, ESRI

3:30 PM CLOSING REMARKS & THANKS

David Tarboton and David Maidment