

National Height Modernization Partner Meeting

April 29 – 30, 2014

Location:

NOAA Gulf of Mexico Disaster Response Center
7344 Zeigler Boulevard
Mobile, Alabama 36608
Telephone: 251-544-5006



Agenda (all times are central time zone)

Day 1: Tuesday, April 29

- 8:00-8:30 Arrival and check-in
- 8:30-9:00 Welcome
Juliana Blackwell, Director, National Geodetic Survey (NGS)
- NOAA Disaster Response Center Overview
Charlie Henry, Director, NOAA Disaster Response Center
- Disaster Response Center Safety Briefing
Katie Krushinski, Training and Communication Coordinator, NOAA Disaster Response Center
- Objectives, agenda and ground rules
Christine Gallagher, Height Modernization Coordinator, NGS
- 9:00-10:15 **Session 1: Height Mod state and regional activities, Part 1**
1. Great Lakes Region Height Modernization
Diane Arendt, Geodesist, Wisconsin Department of Transportation
 2. Illinois Height Modernization
Sheena Beaverson, Program Manager, Illinois State Geological Survey
 3. Minnesota Height Modernization [remote]
Rick Morey, Minnesota Department of Transportation
 4. Michigan Height Modernization
Shawn Roy, Michigan Department of Transportation
 5. Wisconsin Height Modernization
Diane Arendt, Geodesist, Wisconsin Department of Transportation
- 10:15-10:30 Break
- 10:30-12:00 **Session 2: Height Mod state and regional activities, Part 2**

6. Delaware Height Modernization [remote]
Drexel Siok, Environmental Scientist, Delaware Department of Natural Resources and Environmental Control
7. Connecticut Height Modernization [remote]
Dr. Thomas Meyer, Associate Professor, University of Connecticut
8. South Carolina Height Modernization
Matt Wellslager, Chief, South Carolina Geodetic Survey
9. North Carolina Height Modernization
Gary Thompson, Chief, North Carolina Geodetic Survey
10. Florida Height Modernization
Scott Harper, Survey and Mapping Specialist, Florida Department of Transportation
11. Western Region Height Modernization
Val Schultz, Reviewer/Surveyor, Weber County, Utah
12. Utah Height Modernization [remote]
Brad Mortensen, Utah Department of Transportation

12:00-1:00 Lunch (purchased individually and delivered on-site)

1:00-2:00 **Guest session: The National 3D Elevation Program (3DEP)**

Vicki Lukas, Chief, Topographic Data Services Team, U.S. Geological Survey [webinar]
Lewis Graham, CTO GeoCue Group

2:00-3:00 **Session 3: Heights in emergency response and disaster preparedness**

Remote Sensing and emergency response [remote]
Mike Aslaksen, Remote Sensing Division Chief, NGS

Advances in GPS and Imagery Differencing for Observing Vertical Changes and for Restoration of Geodetic Infrastructure After Major Earthquakes [remote]
Dr. Kenneth Hudnut, Geophysicist, U.S. Geological Survey Earthquake Science Center

3:00-3:15 Break

3:15-4:00 **Session 4: Leveraging Height Modernization activities and benefits**

Coordination with National Society of Professional Surveyors
Juliana Blackwell, Director, NGS

Socio-economic studies [remote]
Brett Howe, Geodetic Services Division Chief, NGS

4:00-5:00

Session 5: Height Mod state and regional activities, Part 3

13. Colorado Height Modernization

Jonathan Kobylarz, Height Team Chairman, Colorado Department of Transportation

14. Mississippi Height Modernization

David Mooneyhan, Director, Mississippi Spatial Reference Center

15. Texas Height Modernization

Dr. Gary Jeffress, Professor, Texas A&M University Corpus Christi

16. Louisiana Height Modernization

Dr. Joshua Kent, GIS Manager, Louisiana State University Center for GeoInformatics

Day 2: Wednesday, April 30

8:00-8:30

Arrival

8:30-8:35

Re-cap from Day 1

8:35-10:00

Session 6: Planning for new datums

New geometric datum

Joe Evjen, Geometric Datum Project Manager, NGS

New geopotential datum

Mark Eckl, Geopotential Datum Project Manager, NGS

Gravity for the Redefinition of the American Vertical Datum (GRAV-D) [remote]

Dr. Vicki Childers, GRAV-D Project Manager, NGS

10:00-10:30

Break & NOAA Disaster Response Center tour for in-person attendees

10:30-11:15

Session 7: Height Modernization Activities

Recent and upcoming Height Modernization activities

Christine Gallagher, Height Modernization Coordinator, NGS

Updating River Crossing Procedures [remote]

Kendall Fancher, Instrumentation and Methodology Branch Chief, NGS

GPS on Bench Marks

Joe Evjen, Geometric Datum Project Manager, NGS

11:15-12:00 **Session 8: Related federal efforts**

USACE Comprehensive Evaluation of Project Datums (CEPD)
David Robar, Geomatics Chief, U.S. Army Corps of Engineers

FEMA Map Modernization and Flood Insurance Program [remote]
Paul Rooney, Mapping Technology Specialist, Federal Emergency Management Agency

12:00 Day 2 closing and next steps
Juliana Blackwell, Director, National Geodetic Survey (NGS)