

National Height Modernization Partner Meeting

Tuesday, November 19, 2013

10 am to 2 pm Pacific Time

Webinar

Agenda

10:00-10:05 **Introductory Remarks**

Juliana Blackwell, Director, NGS

- Welcome

10:05-10:15 **Overview of Height Modernization**

Christine Gallagher, Program Analyst, NGS

- History of Height Modernization
- Height Modernization as we prepare for a new vertical datum

10:15-10:30 **Height Modernization in Wisconsin and the Great Lakes Region**

Diane Arendt, Geodesist, Wisconsin Department of Transportation

- Chair of Great Lakes Regional Height Modernization Consortium
- Registered Land Surveyor in the state of Wisconsin

10:30-10:45 **Planning for the next vertical datum**

Mark Eckl, Observations and Analysis Division Chief, NGS

- Implementation Plan to Replace NAVD 88
- GRAV-D data and product releases
- NGS geoid models

10:45-11:00 **Leveraging height information from the public**

Dru Smith, Chief Geodesist, NGS

- Major steps to the new vertical datum
- Progress to date
- Future help from the public

11:00-11:05 break

11:05-11:50 **“Height Mod” Surveys**

Michael Dennis, Geodesist, NGS

- Overview of survey planning (NGS 58 and NGS 59)
- Bluebooking and Adjust
- Where we are going (testing to update NGS 58 and NGS 59)
- GIS tools

11:50-12:05 **Tools to help complete “Height Mod” Surveys**

Joe Evjen, Geodesist, NGS

- OPUS
- OPUS Projects

- 12:05-12:40 Lunch break
- 12:40-12:55 **Height Modernization and United States Geological Survey (USGS)**
Paul Rydlund, hydrologist, USGS Missouri Water Science Center
- Applications to stream gages and USGS hydrologists
 - Coordination with US Army Corp and others
- 12:55-1:10 **Arizona Height Modernization**
Speaker to be announced
- 1:10-1:25 **Height issues in western states**
Pam Fromhertz, Colorado Geodetic Advisor
- Lack/Destruction of NAVD 88 bench marks
 - Analysis of Heights in CO
 - Vertical land motion
- 1:25-1:30 **Concluding remarks**
Christine Gallagher, Program Analyst, NGS
- Next steps
- 1:30-2:00 **1:30 - 2:00 PT, OPUS-DB (Publishing to OPUS demonstration)**
Mark Armstrong, Oregon Geodetic Advisor
- Live Demo - NGS Data Explorer (Find a bench mark to observe)
 - Field procedures and requirements to Publish your OPUS solution
 - Live Demo - OPUS Publishing (Sharing your solution with the public)
 - The OPUS datasheet