

**The National Geodetic Survey**  
and  
**The Wisconsin Department of Transportation**  
Invite you to a

# **Height Modernization Forum**

A town meeting co-sponsored by the  
Wisconsin Land Information Association and the  
Wisconsin Society of Land Surveyors

November 20, 2003

Mead Hotel  
Wisconsin Rapids, Wisconsin



## About the Seminar:

**Height Modernization** is a series of activities designed to advance and promote the determination of more accurate elevations by lining Global Positioning System (GPS) surveying with traditional spirit leveling. Height Modernization includes research and development activities seeking to improve the determination of geometric elevations by GPS surveys as well as activities seeking to improve the determination of geoid height. It includes activities leading to improved height determination for both the static surveyor and the moving navigator.

The National Geodetic Survey and the Wisconsin Department of Transportation are offering this Height Modernization Forum (organized for sharing of experiences and needs in a town hall environment) for surveyors and other land information professionals engaged in height modernization and the use of improved elevations for accurate engineering applications. **There is no charge to participants, but space is limited and registration is strongly encouraged to guarantee a seat.**

## Who Should Attend?

Attendance is encouraged for:

Surveyors

Environmentalists and Resource Managers

Engineers and Progressive Farmers

Floodplain Mappers

Emergency Response Personnel

## Height Modernization Forum - Preliminary Program

Mead Hotel  
Wisconsin Rapids, WI  
November 20, 2003

Agenda		
Time	Topic	Presenter(s)
8:00 – 8:20 am	<b>Registration</b>	
8:20 – 8:30 am	Greetings and Introductions	Jerry Mahun, WisDOT, and NGS
8:30 – 8:45 am	National Height Modernization Program: Overview	Gilbert Mitchell (NGS)
8:45 – 9:30 am	Height Modernization Primer: GPS Derived Heights, Datums, and Coordinates	Juliana Blackwell & Chris Pearson (NGS)
9:30 – 10:00 am	Integration of Remote Sensing and Height Modernization	Chris Parrish (NGS)
10:00 – 10:15 am	<b>Break</b>	
10:15 – 11:00 am	State Perspectives: North Carolina and Wisconsin	Gary Thompson (NCGS) Paul Hartzheim & Darin Henkel (WisDOT)
11:00 – 11:30 am	Local Perspective: Waukesha and Burnett Counties	Don Dittmar (Waukesha County) Kathy Swingle (Burnett County)
11:30 – 12:15 pm	<b>Lunch (Provided)</b>	
12:15 – 12:45 pm	Introduction and Identification of Discussion Topics, Small Focus Group Instructions and Example	Jerry Mahun
12:45 – 1:30 pm	Small Focus Group Discussions	Attendees
1:30 – 1:45 pm	<b>Break</b>	
1:45 – 3:15 pm	Small Focus Group Reports with Panel Discussion	Small Focus Groups
3:15 - 3:30 pm	<b>Wrap-up, Questions, and Answers</b>	Jerry Mahun & All

# Height Modernization Forum Registration Form

Mead Hotel, Wisconsin Rapids  
Thursday, November 20, 2003

## **To Register:**

Please complete the information below and send information to Ann Barrett via email: [abarrett@uniontel.net](mailto:abarrett@uniontel.net)  
fax: 715-366-4501 or phone: 800/344-0421 to register for the November 20th, 2003 Height Modernization  
Forum in Wisconsin Rapids.

## **Directions to the Mead Hotel in Wisconsin Rapids:**

**Traveling on Highway 90/94 from the South (Madison Area):** Take I 90/94 West to Highway 51/39 North  
(Exit 108). Take 51/39 North to 73 West at Plainfield. Take 73 West to Highway 13 and turn right to travel  
north. Highway 13 becomes 8th Street in town. Follow 8th Street to Grand Ave. Turn left on Grand Ave. Hotel  
Mead is the fourth block on the right.

**Traveling on I39/Highway 51 from the North:** From 39/51 South, turn right on to County B/54 West.  
Follow Highway 54 to the first set of stop lights (Baker Street). Turn right on Baker Street, follow Baker  
Street to the first set of stop lights (8th Street). Turn left on 8th Street. Follow 8th Street to the first set of stop  
lights (Grand Ave). Turn right on Grand Ave. Hotel Mead is the fourth block on the right.

**Lodging Reservations:** Hotel Mead, 451 East Grand Avenue, Wisconsin Rapids, WI 54494. If you need  
overnight accommodations, WLIA has a block of rooms held for participants for \$79 single or will offer the  
current state and federal rate for state and federal employees providing employment verification. Please call  
the Hotel Mead directly for reservations at: 800/843-6323 or 715-423-1500. [www.hotelmead.com](http://www.hotelmead.com)

Name(s) \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

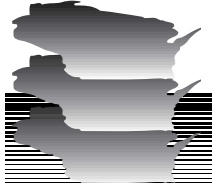
Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

PHONE/FAX \_\_\_\_\_

Email address \_\_\_\_\_

Ann Barrett, Executive Services Manager  
Wisconsin Land Information Association  
PO Box 389 • Wild Rose, WI 54984  
800/344-0421 telephone  
715-366-4501 fax  
[abarrett@uniontel.net](mailto:abarrett@uniontel.net)  
[www.wlia.org](http://www.wlia.org)



W I S C O N S I N  
L A N D I N F O R M A T I O N  
A S S O C I A T I O N

Wisconsin Land Information Association  
PO Box 389  
Wild Rose, WI 54984  
800/344-0421  
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