



# Surveying, Mapping and Geosciences Subcommittee

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Richard Snay  
NOAA's National Geodetic Survey

The SM&G Subcommittee will host the  
CORS Users Forum at the CGSIC Meeting  
Savannah, GA  
September 22, 2009  
1:30 – 5:00 pm

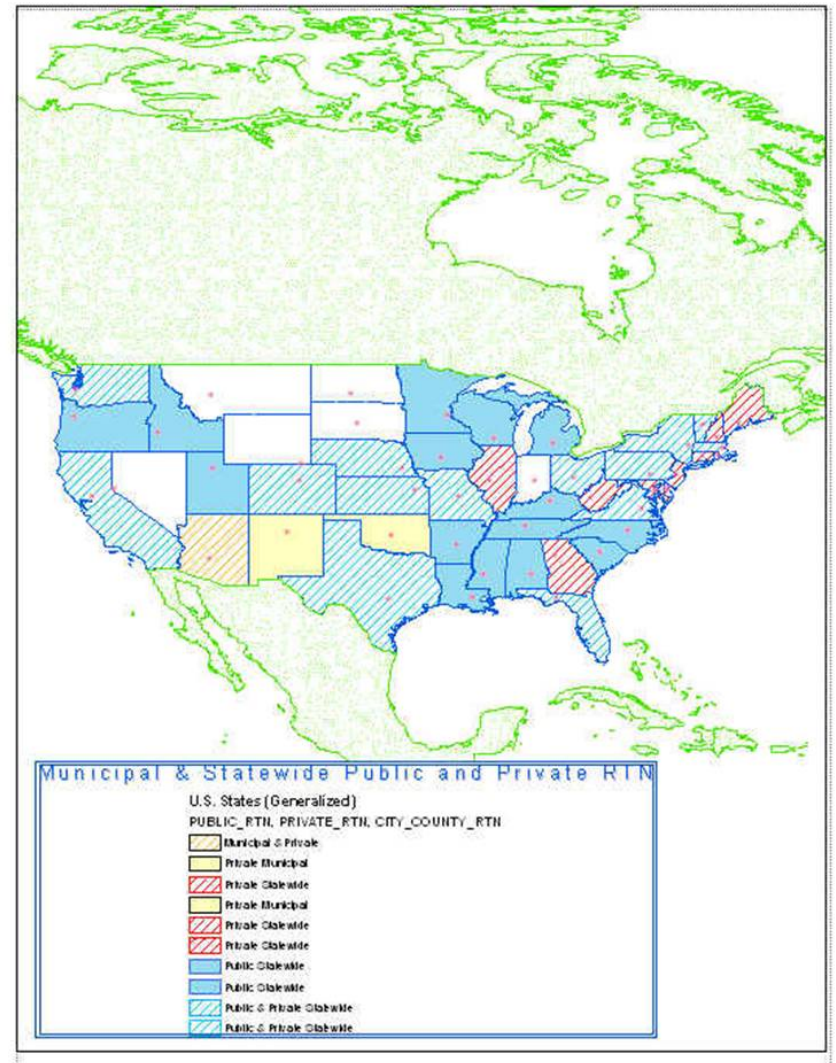


# CORS Users Forum



Theme: Guidelines for Real-Time GNSS Networks (RTN).

Over 80 public and private RTN's currently exist in the U.S.



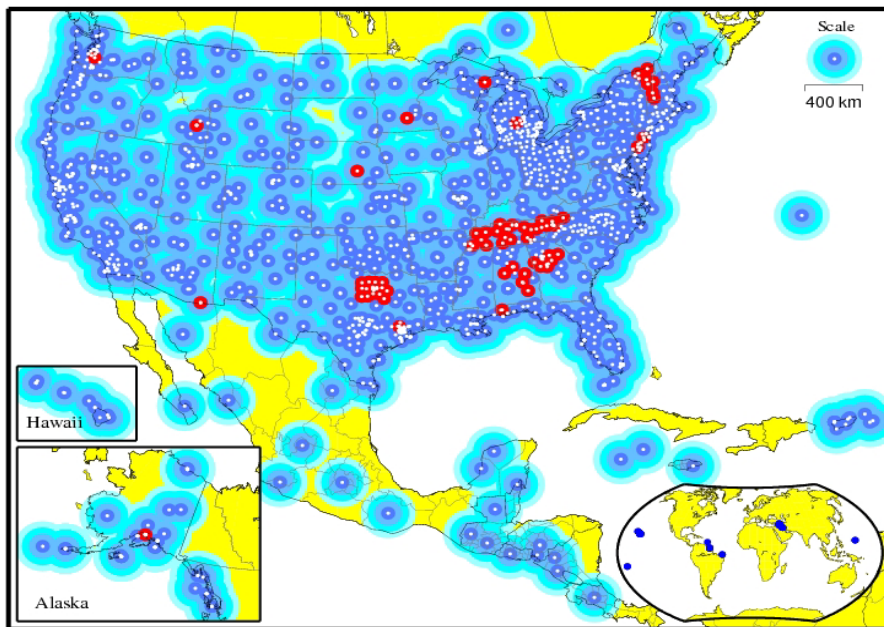


# CORS/OPUS: Overview & Status



**Presenter: Giovanni Sella, NOAA's National Geodetic Survey**

**CORS = Continuously Operating Reference Station**



**Red dots = GPS + GLONASS sites  
whose data will become available in 2010.**

The CORS network contains about 1,350 GPS tracking stations, and it is growing by about 200 stations per year.

OPUS is a Web-based service enabling its users to automatically post-process GPS data.



# PANEL SESSION: RTN Guidelines



## Panel:

**Dan Martin – NOAA/NGS**

Site Considerations

**Gavin Schrock – Washington State**

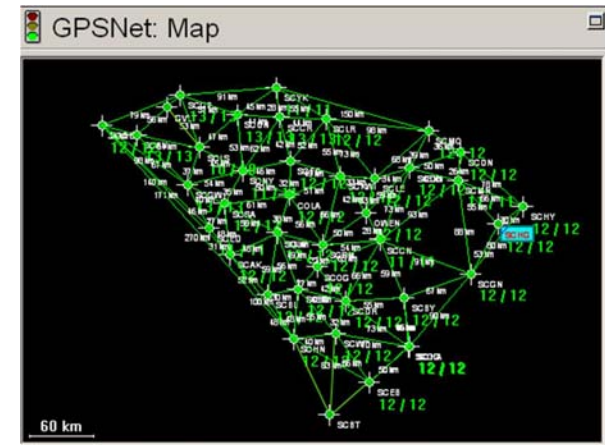
RTN Planning & Design

**Gary Thompson – NC Geodetic Survey**

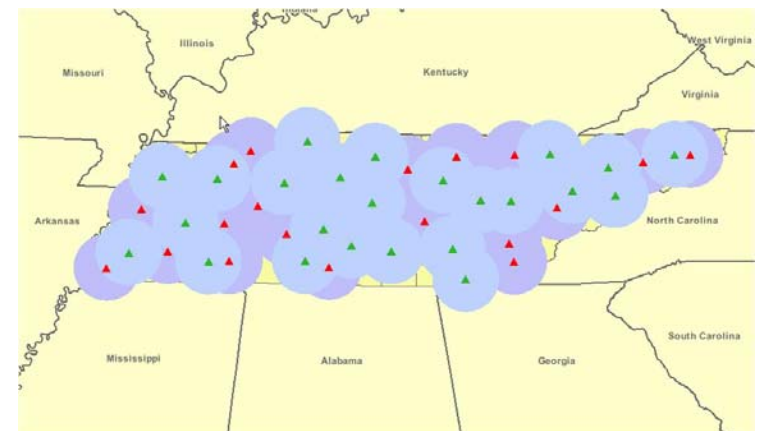
RTN Administration

**Bill Henning – NOAA/NGS**

Best Methods for RTN Users



SC RTN



TN RTN



# Interactive Session within Small Discussion Groups



- From 3:50 – 5:00 pm, Forum attendees will be invited to participate in one of three small discussion groups (6 to 12 people per group).
- Group 1: CORS/OPUS
- Group 2: RTN Site Considerations &  
RTN Planning and Design
- Group 3: RTN Administration &  
Best Methods for RTN Users





# Socio-Economic Valuation of the CORS Program



- Leveson Consulting completed a scoping study of the socio-economic benefits of the CORS program.
- According to this study, combined “direct” and “indirect” benefits amounted to \$758 million in 2008.
- Direct benefits are those to CORS users.
- Indirect benefits are those to society at large.

## DIRECT BENEFITS OF CORS BY YEAR

