

# **NOAA's Hydrometeorology Testbed (HMT)**

**<http://hmt.noaa.gov/>**

**ESRL Integrating Research and Technology Theme Presentation**  
**November 6, 2008**

## **OUTLINE**

- i. A Programmatic Introduction**
- ii. What is HMT?**
- iii. HMT Observing Systems**
- iv. HMT Modeling Activities**
- v. Panel Discussion: Looking Ahead**

Contact: Tim Schneider, HMT Project Manager

# Acknowledgements

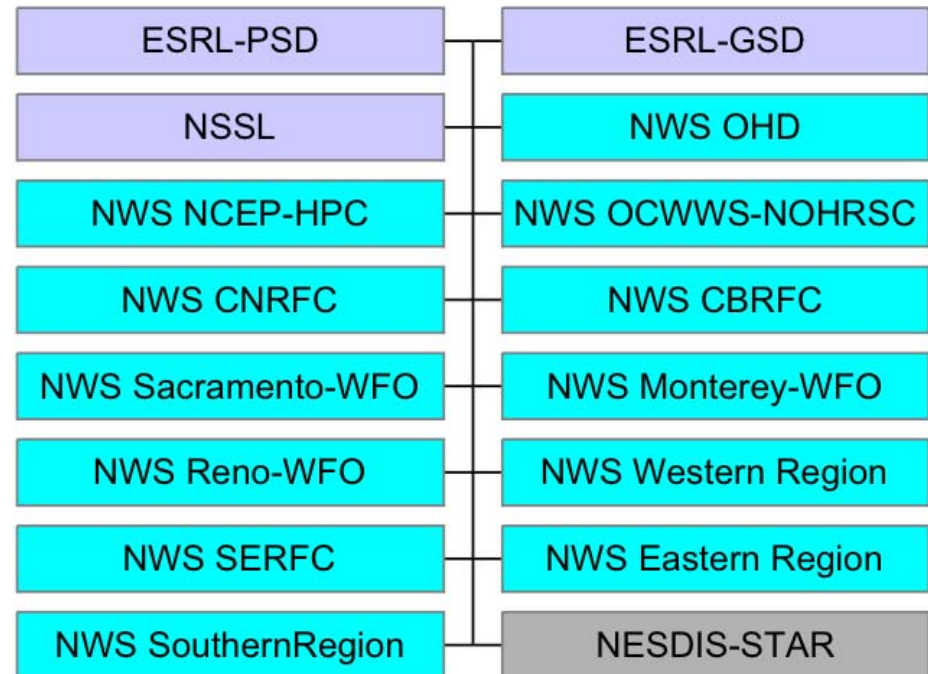
## Presenters:

- **Marty Ralph, PSD**
- **Tim Schneider, PSD**
- **Allen White, PSD**
- **Paul Schultz, GSD**

## Panelists:

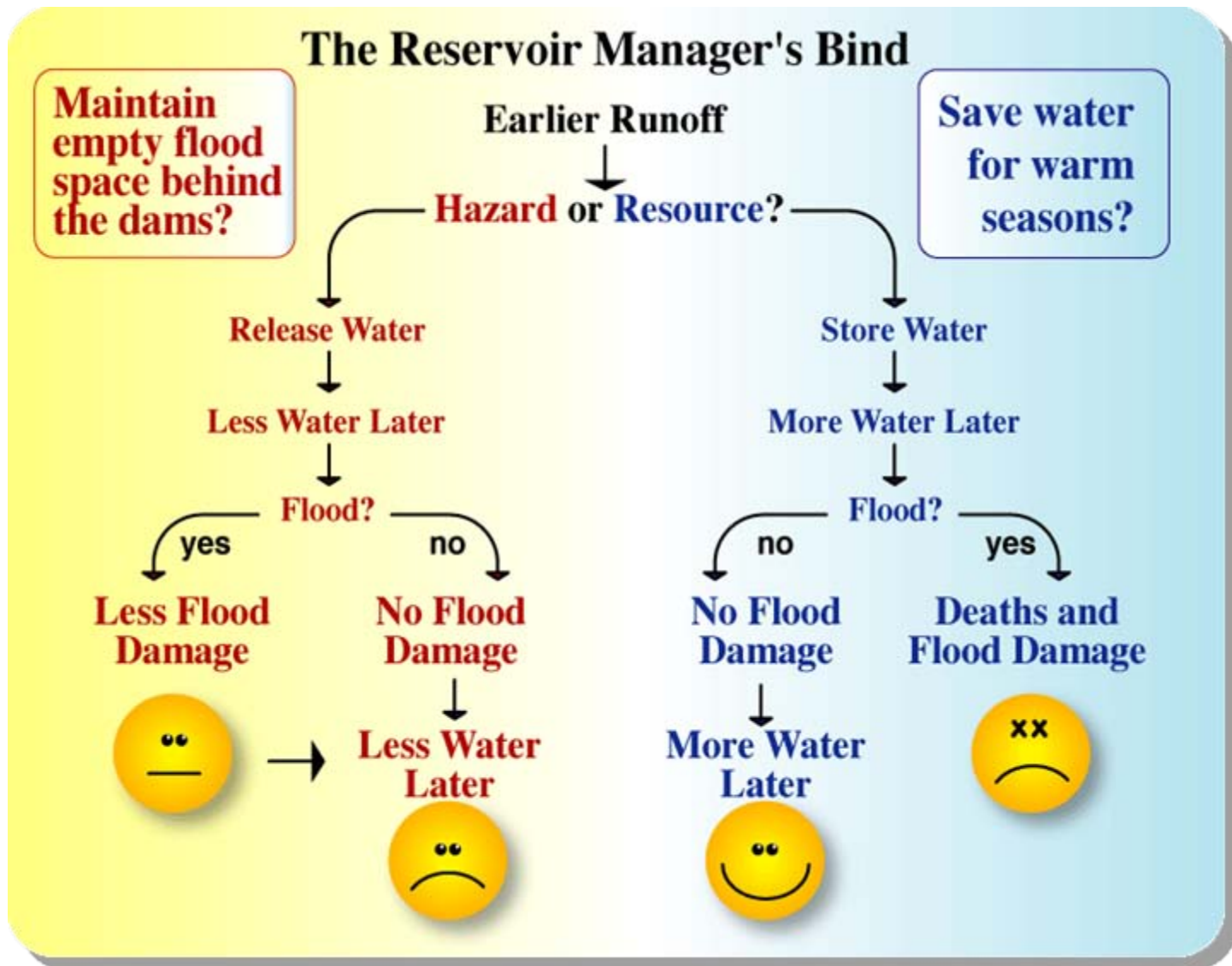
- **Jeff Whitaker**
- **Seth Gutman**
- **Bob Zamora**
- **John McGinley**
- **Woody Roberts**

## Collaborators



# The water manager's dilemma:

Climate change may put some water managers in a real bind!



# Improving our hydrometeorological monitoring and forecasting capabilities...

- **Is cheaper than many other options**
- **Is like an insurance policy for weather and water**

# Directions & Opportunities

## Panelists:

- **Jeff Whitaker: Reforecasting**
- **Seth Gutman: Atmospheric moisture**
- **Bob Zamora: Soil moisture & hydrology**
- **John McGinley: QPF & Hydrology**
- **Woody Roberts: Deliverance –  
ALPS/AWIPS2**