



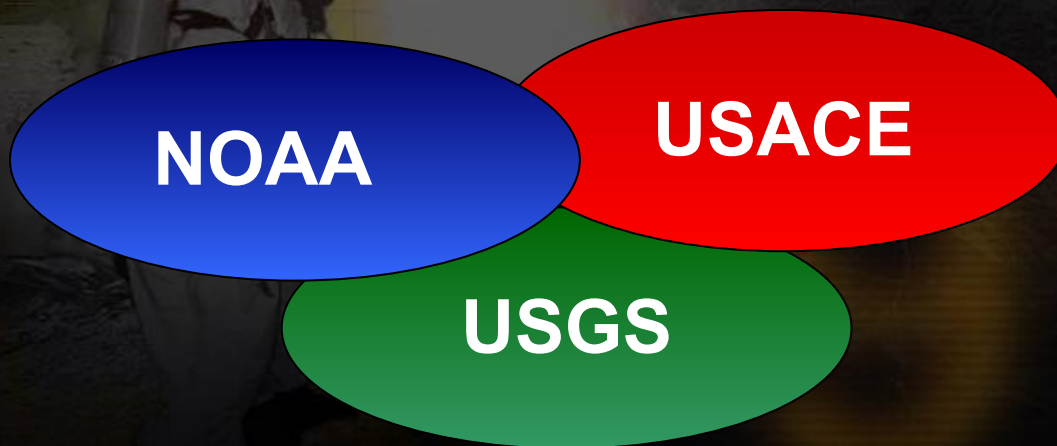
IWRSS Overview, Status, and USGS' Roll

David Blodgett, USGS Center for Integrated Data Analytics



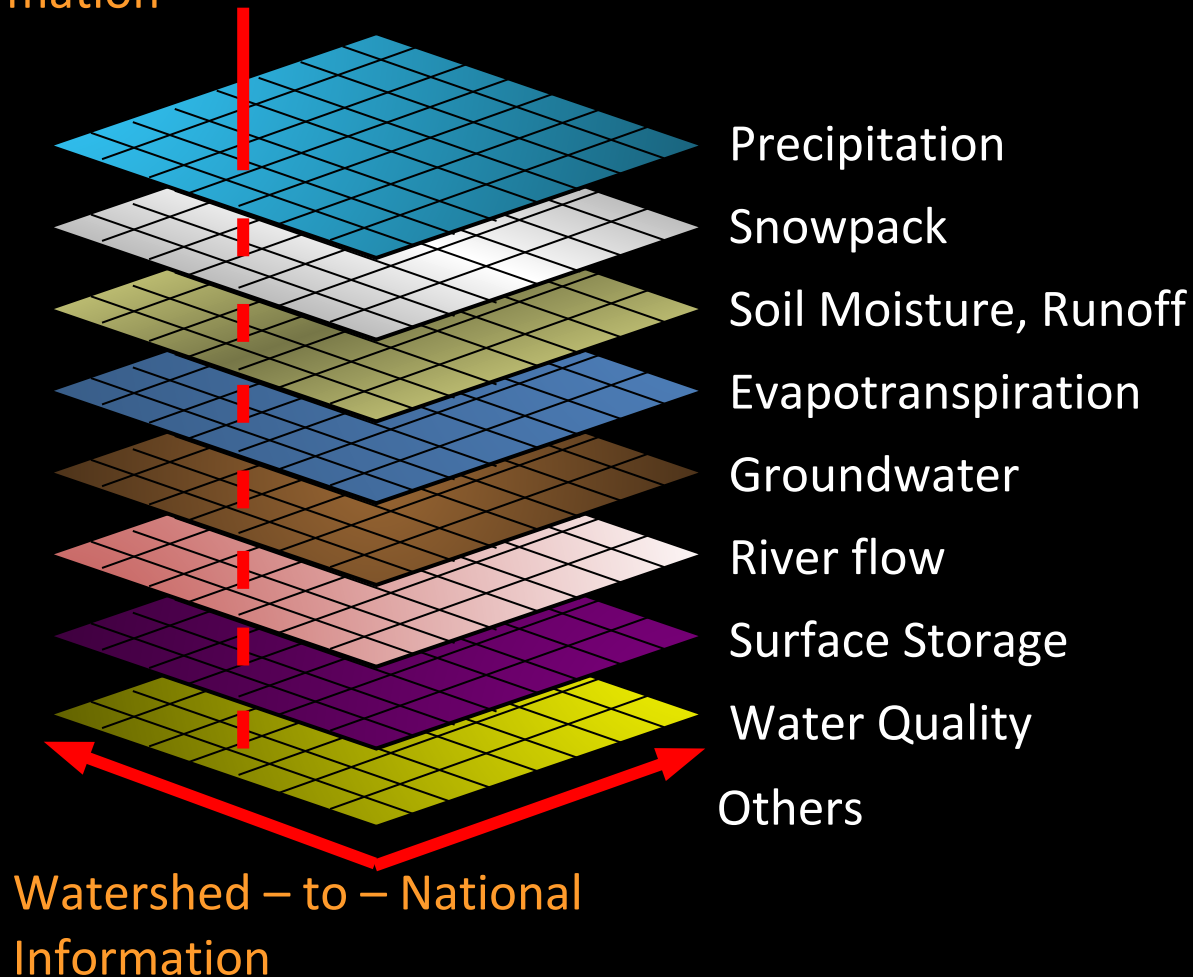
Integrated Water Resources Science and Services

- **NOAA is leading the multi-agency IWRSS consortium to:**
 - Streamline access to Federal water resource capabilities
 - Share technology, information, models, best practices
 - Develop interoperable tools
 - Create a Common Operating Picture

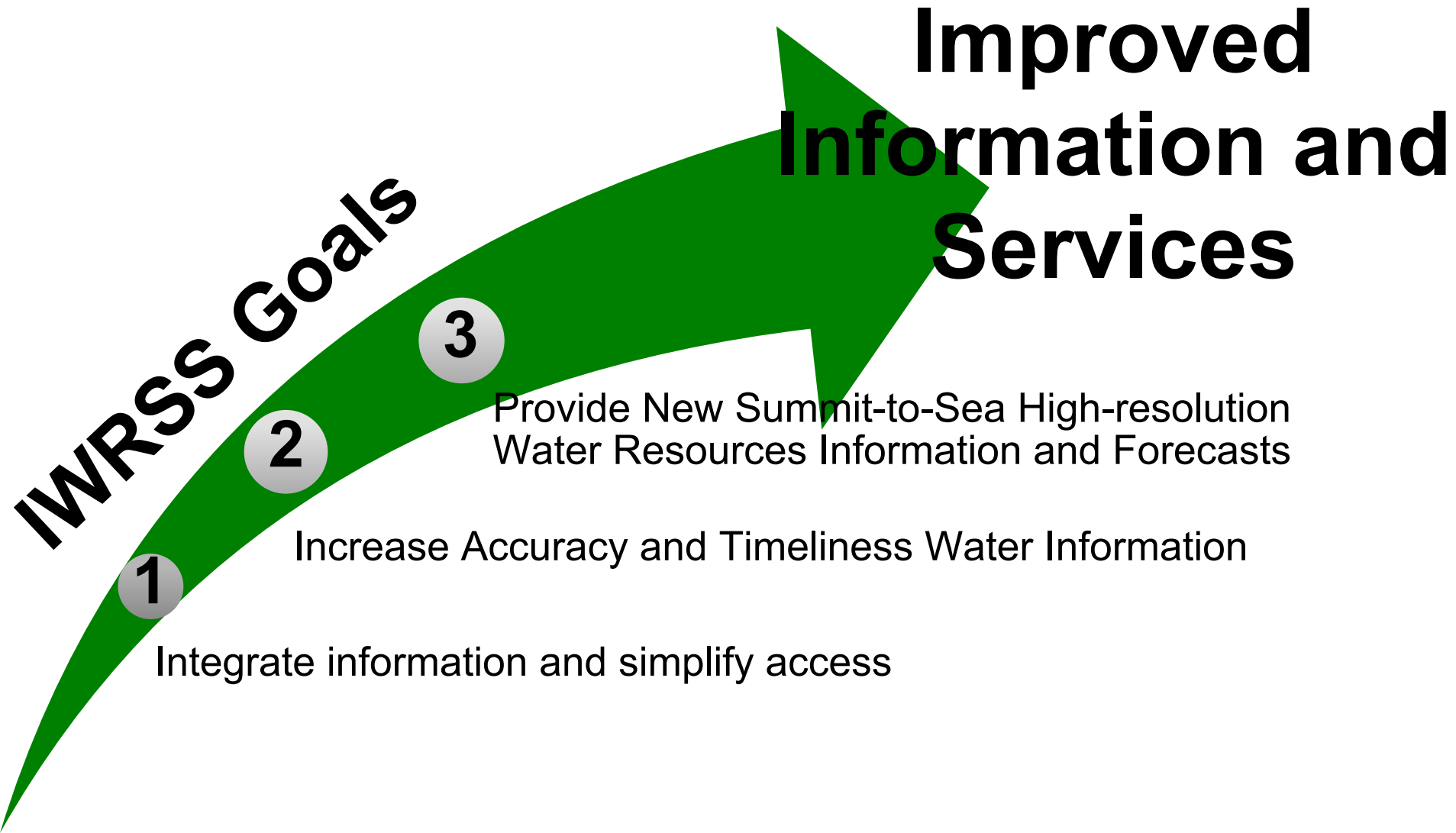


IWRSS “summit-to-sea” high-resolution water resources information and forecasts

Local Information



IWRSS will support next-generation adaptive water-related planning, preparedness and response activities



Three Cross-cutting Themes



Human Dimensions

Stakeholder Interactions and
Communications

People



Technical

Information Services

Technology

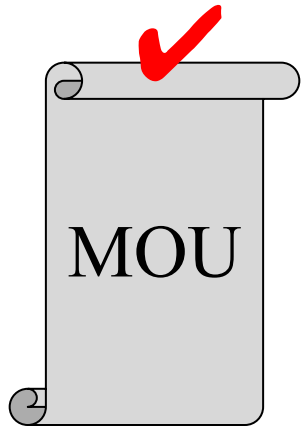


Computational Science

Coast-to-Sea Modeling and
Simulation Framework

Science

IWRSS Governance Structure



Executive Steering Committee
Consortium Senior Leadership

Design and Management Team
Interagency Chiefs, Program Leads

Federal Advisory Committee for Water Information (ACWI)

Cross-cutting Theme Team
Human Dimensions
Stakeholder Interactions

Cross-cutting Theme Team
Technical
Information Services

Cross-cutting Theme Team
Science
Observation, Modeling, and Prediction

Technical Working Groups

Demonstration Working Groups



Current Status: Scoping Teams

- System Interoperability Team
- Flood Inundation Mapping Team

- NOAA / USGS / USACE scoping teams are documenting existing system function and design.
- “Getting to know you” exercise will result in clarity around roles and responsibilities of separate agencies and guidance for future.
- Design, outreach, and science teams will proceed based on outcomes.

Current Status: Utilities/tools

Built ratings depot for NWS access:

[get_ratings](#)

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[get_ratings](#)

Need comparison tool to compare NWS and USGS:

[compare_AHPS_NWIS](#)

Questions?