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*Western Consortium of Idaho, Nevada, and New Mexico*

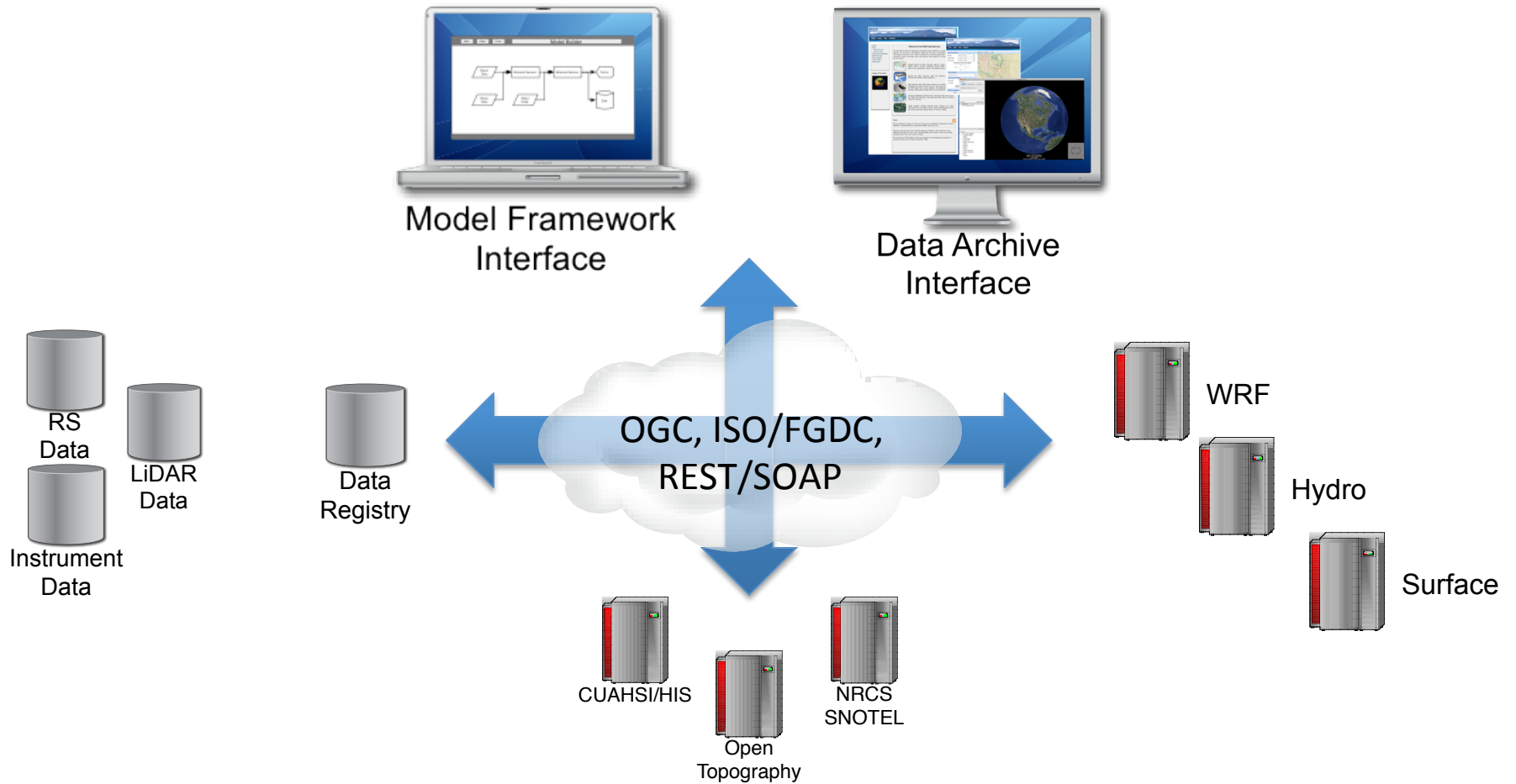
# Model and Data Interoperability

Karl Benedict, Tri-State CI Lead (UNM)

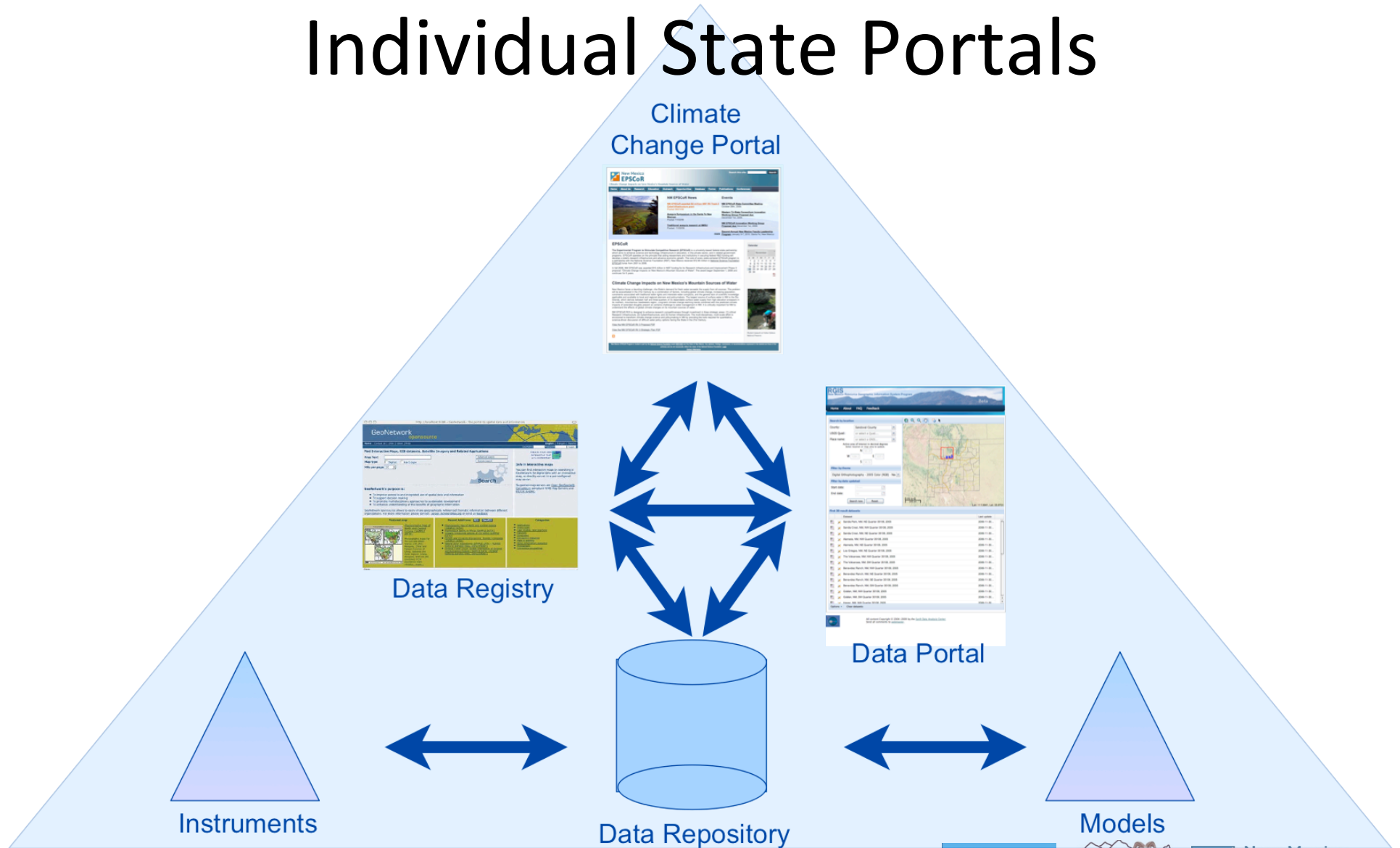
Sergiu Dascalu, NV Lead (UNR)

Dan Ames, ID Lead (ISU)

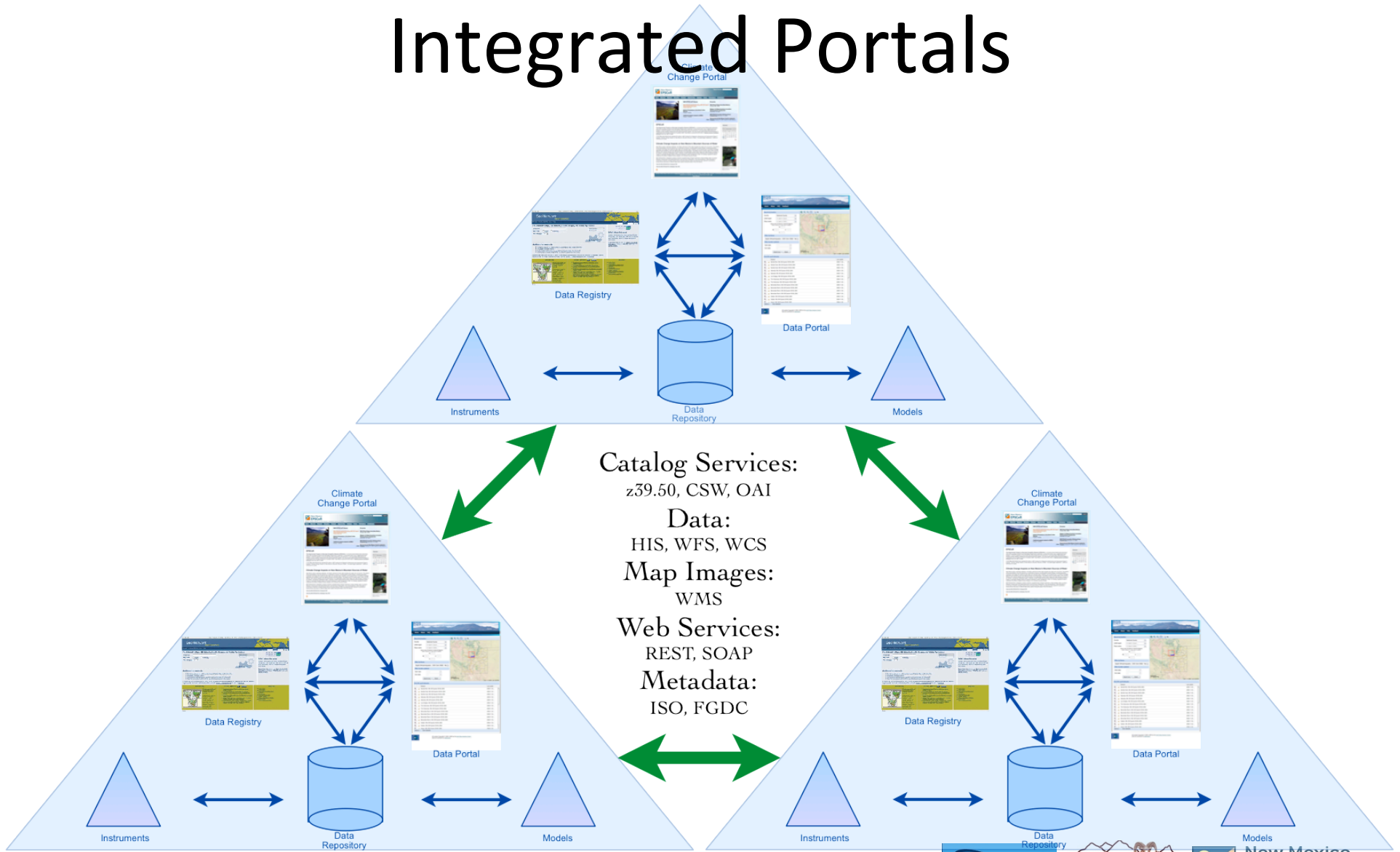
# Overall Concept



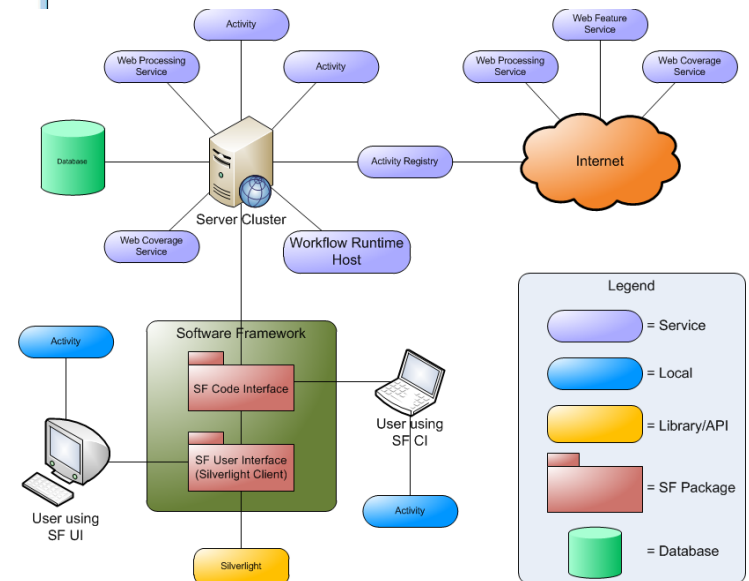
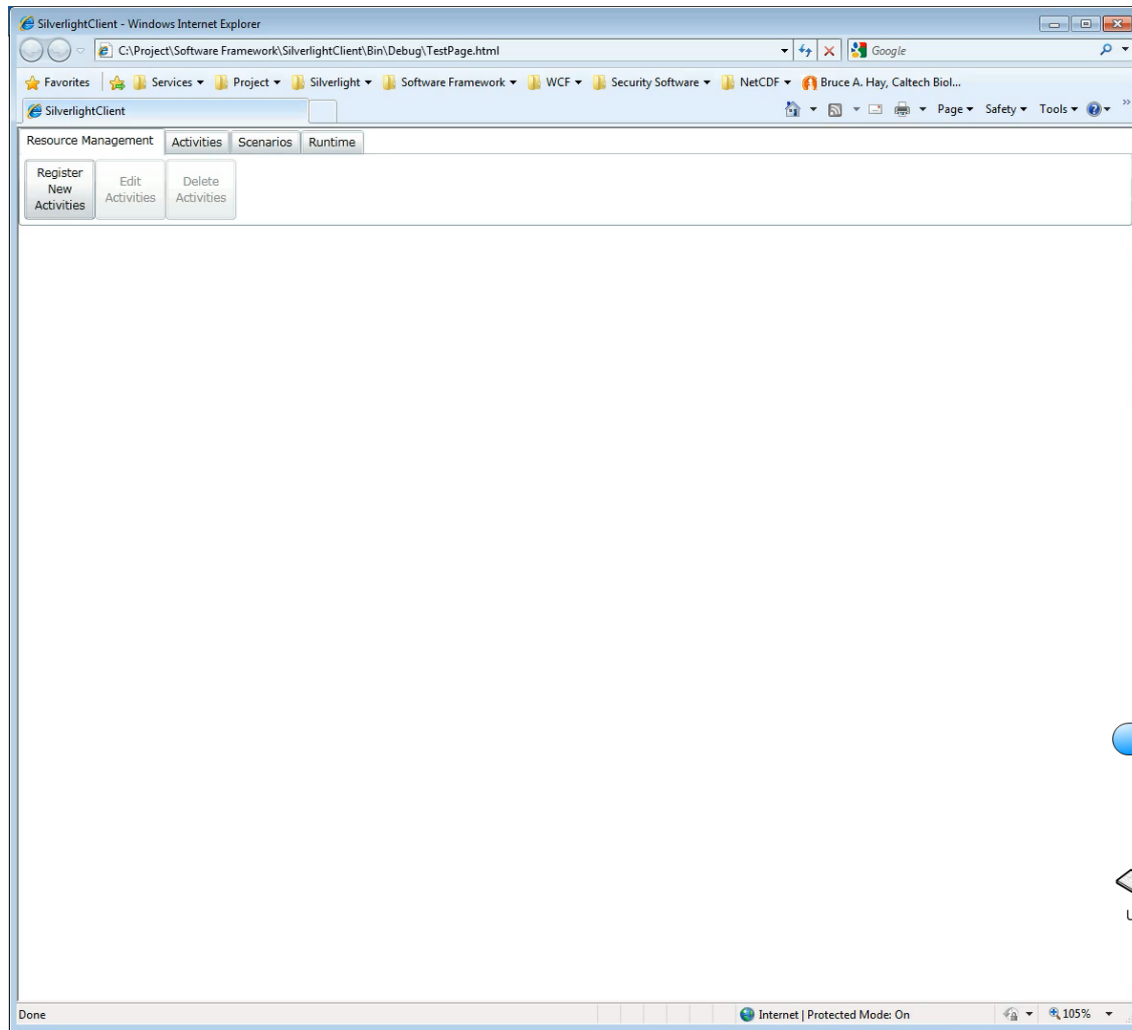
# Individual State Portals



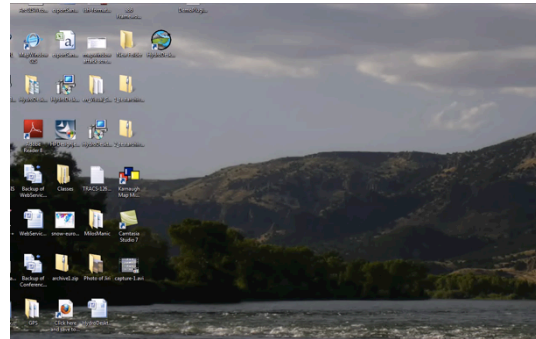
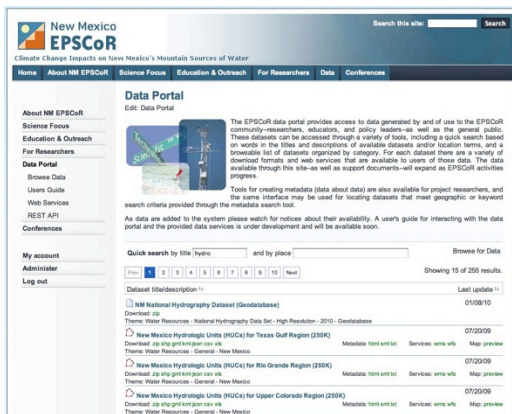
# Integrated Portals



# Data & Model Interoperability



# Interoperable Data Archive

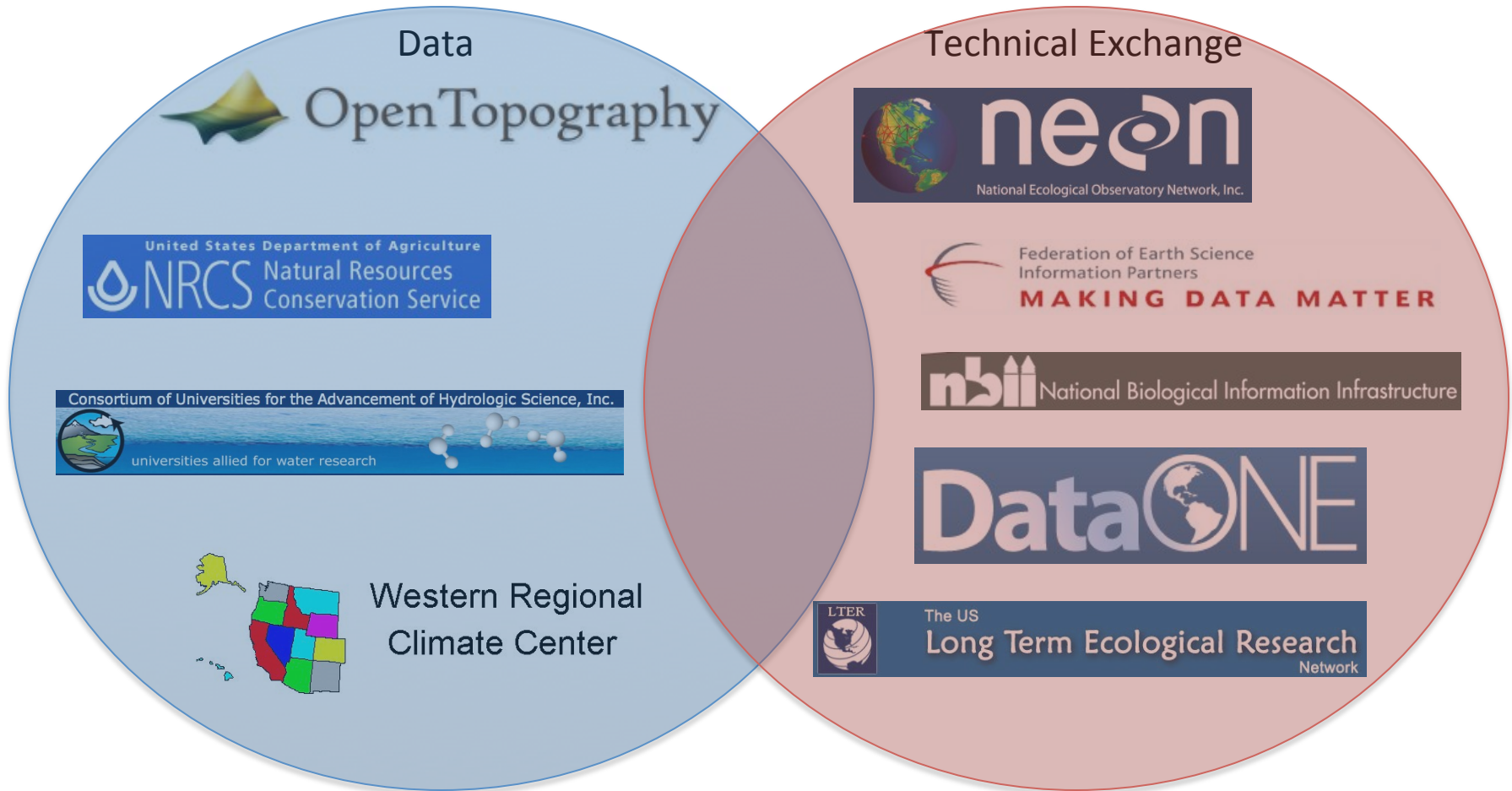


Common Standards and Protocols  
 OGC (WMS/WFS/WCS/CSW), Metadata (FGDC/ISO 19115), REST & SOAP, HIS



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# Integration and Interaction with National Networks



# Innovation Working Groups

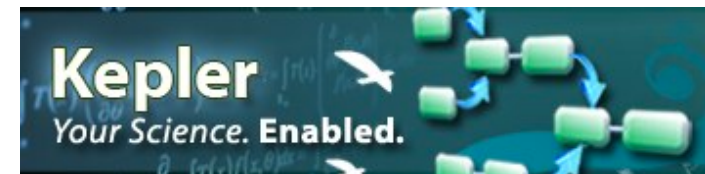


## CyberScience Workshops

- Held over 1 week in 11/2010
- 32 participants in three states
  - Faculty
  - Post-docs
  - Graduate and Undergraduate Students
  - CI-team members
- Identified CI Challenges and Capabilities for Researchers
- Collaborative Science & Education Problems

## Modeling Framework and LiDAR Data Management IWG

- 2-day meeting at SDSC in June, 2010
- Met with Kepler and OpenTopography project personnel
- Identified challenges and opportunities for contributions to modeling frameworks



# Questions?

