Federal Climate Services and Academic Institutions

Richard B. Rood
University of Michigan
rbrood@umich.edu
http://aoss.engin.umich.edu/people/rbrood

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White Paper

• White Paper: Federal Climate Services and Academic Institutions Rood et al., 2009
  – Response to NOAA Request for Information
Federated Centers of Activity

- Transform current fragmented assets into distributed coordinated assets.
- Expenditures to be made at the interfaces between organizations to achieve strategic goals.
- Governance based on principles evolving in open source, open innovation communities.
- Federation has the ability to adapt and the risk of organizational failure is mitigated.
Academic Institutions

• *It is this full range of the activities at academic institutions that needs to become part of the climate services of the nation.*
  – Fundamental and applied research
  – Education: researchers, professional masters, educators, vocational
  – Problem solving: Regional, state, county, cities
  – Stakeholder communities: Extension services, private sector, continuing education, outreach

• It is essential to recognize the evolved state of knowledge of climate change and response to this knowledge outside of the core community of climate scientists.