

# ESIP Decision Tools Catalog and Community of Practice:

## *Extreme Weather/Climate Events*

*Energy and Climate Working Group*

ESIP Summer Meeting, UNC Chapel Hill

July 11, 2013



# Extreme Weather and Climate Events

- Droughts, wildfires, storms, hurricanes, floods cause
  - loss of Lives, property damage, business disruption, shortage of resources
- Government agencies, private sector, communities need
  - Impact analysis and projections (physical, economical)
  - Climate science into actionable information
  - Risks, uncertainties
  - Information for infrastructure investments
  - Adaptive strategies



# Community supported Decision Tools Catalog for Extreme Events

- Catalog of tools that generate and deliver actionable information to assist state and local governments, private sector and communities
  - in adaptation planning and disaster response
  - to make decisions that increase resilience
- Provide a community forum to facilitate discussion of
  - Decision maker needs
  - Transparency of data
  - Interoperability among tools
  - Feedback mechanism to tool developers

