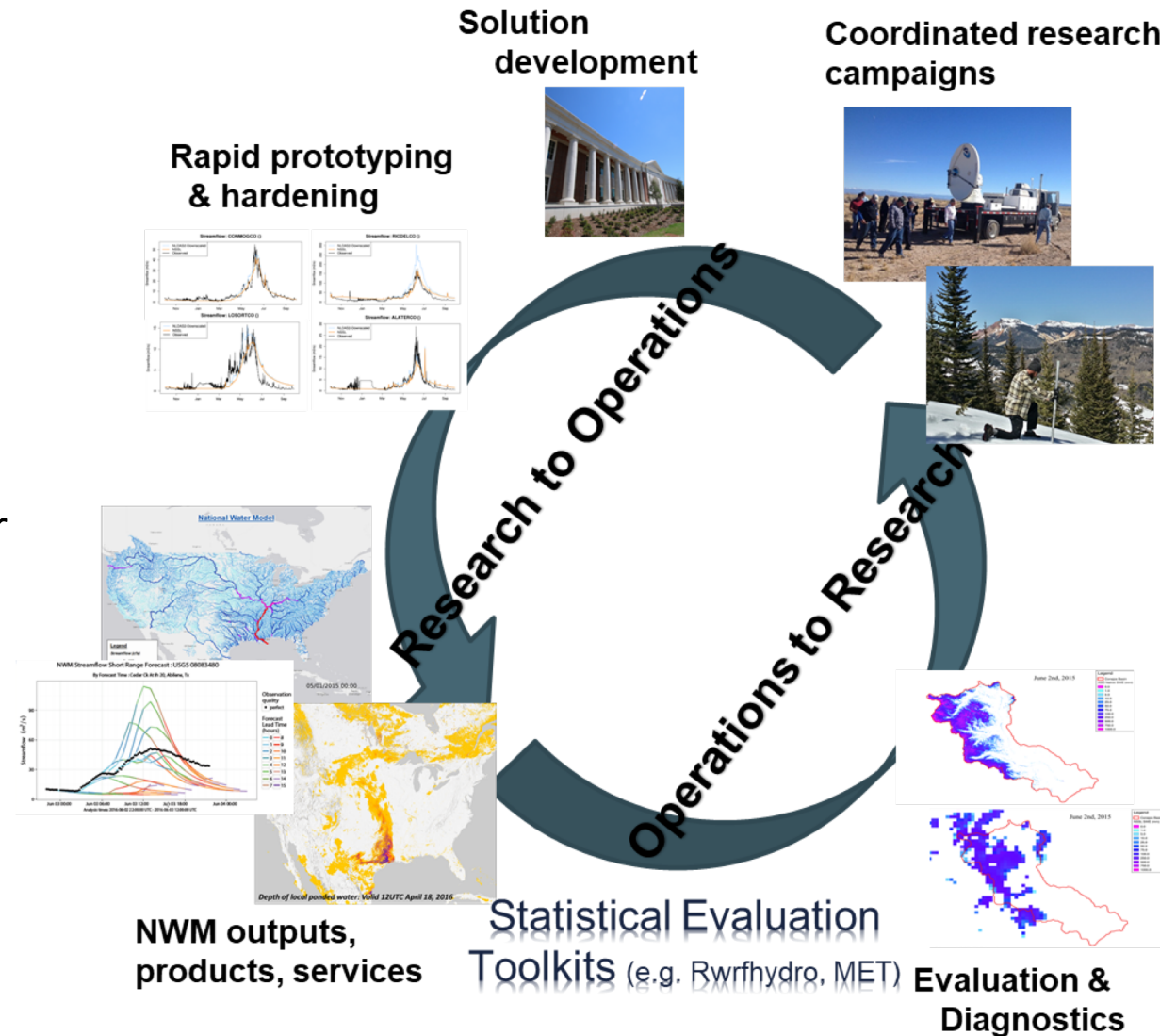


The National Water Model: A community R2O-O2R effort



- NCAR Team:
 - Model and dataset development, model implementation, evaluation
- NOAA OWP Team:
 - Model onboarding
 - Model evaluation
 - Forecast product development & water operations center
 - R&D scoping
- NCEP NCO Team:
 - Operational cycling and data flow
- Broader Community:
 - R&D, evaluation, applications





- Development Cycle:
 - Real-time system is benchmark
 - Evaluation
 - Hypothesis formation
 - Project scoping
 - Development
 - Testing
 - Validation
 - Operational code transition
 - Calibration & Regionalization
 - Onboarding
 - Real-time system evaluation
- Requirements: S⁵
 - Stability
 - Skill
 - Speed
 - Service
 - Science