CSSI Element: CC*DNI DIBBs: Data Analysis and Management Building Blocks for Multi-Campus Cyberinfrastructure through Cloud Federation

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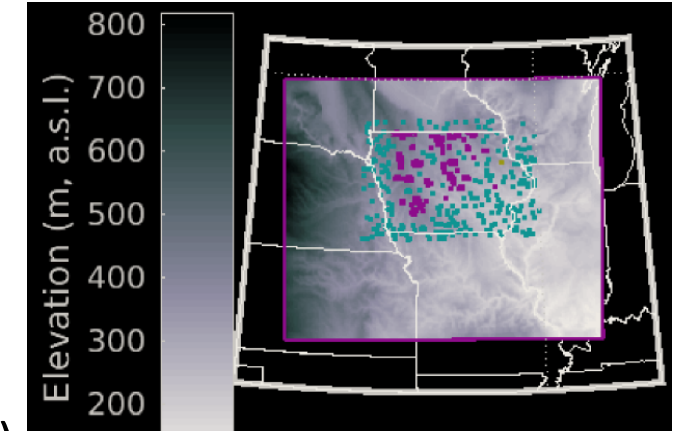
- Federated Campus Clouds for Science
  - Common cloud APIs
  - Shared, distributed resources
  - Single sign on

- Science use cases
  - WRF in the cloud (HPC weather modeling)
  - Water resources management (OpenMORDM)
  - Radio astronomy transient effect detection
  - Environmental and agricultural analytics (IoT)
  - Transcriptome Data to Metabolic Models of Microbiota

- Workforce development
  - 16 REUs
  - Nevena Golubovic Ph.D.