
A Brief Overview of RAL's National Security Applications Program (NSAP)

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NSAP's Role in the Research Applications Laboratory (RAL)

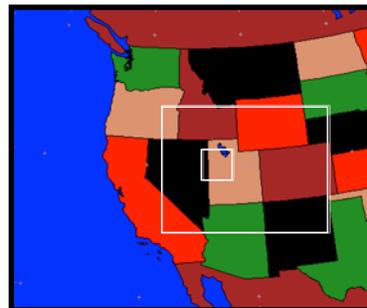
- Provide multi-scale numerical weather and climate prediction and coupled-modeling capabilities to support the missions of a number of government agencies involved in the armed forces, intelligence community, and homeland security
- Support other RAL Programs with related scientific and technical capabilities that align to their roles, e.g., renewable energy, aviation, and hydrometeorology



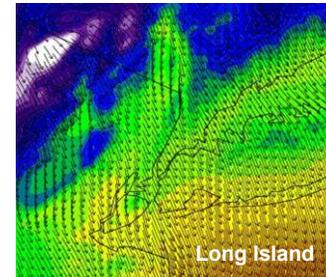
Global Scales



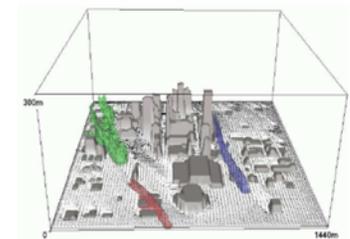
Continental Scales



Regional Scales

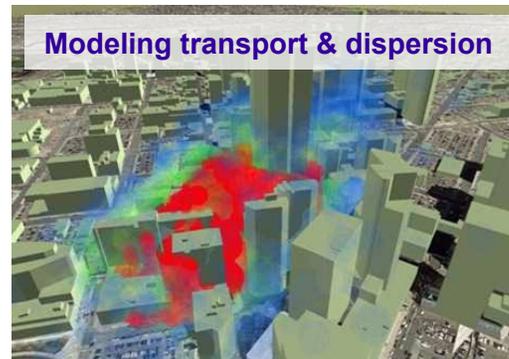
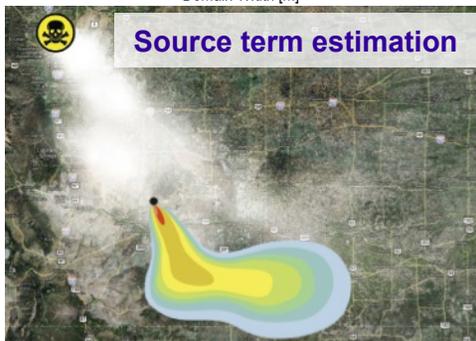
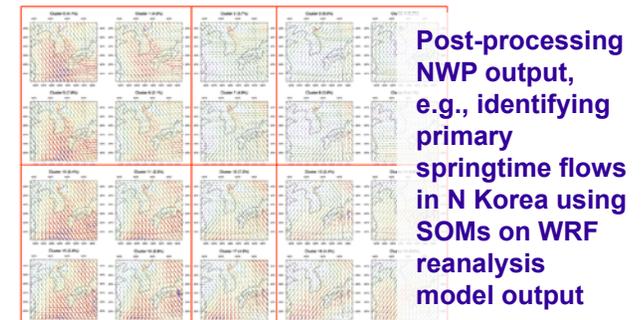
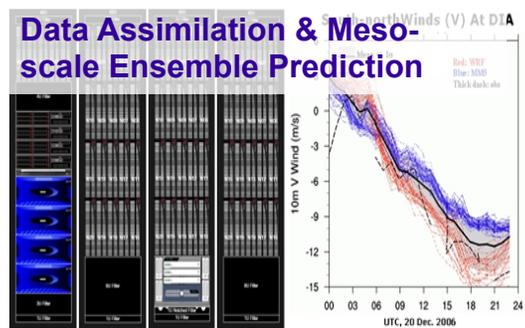
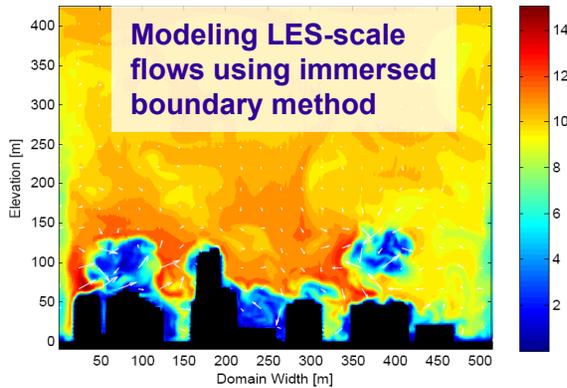
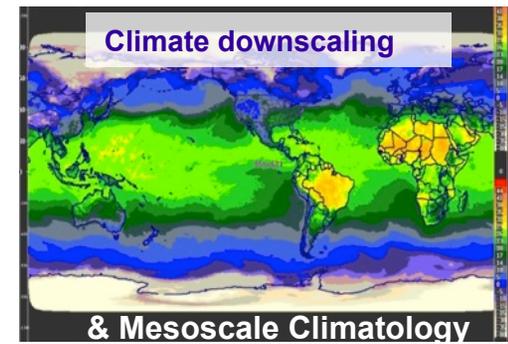
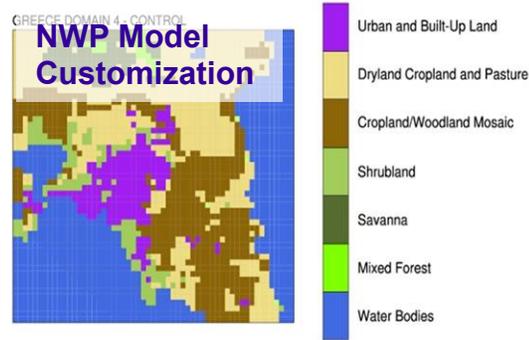
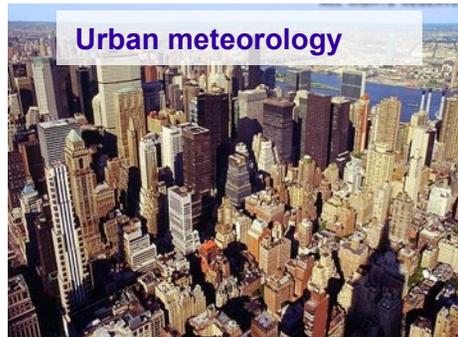


Local Scales



Building Scales

NCAR/RAL - National Security Applications Program



Modeling climate relationship to disease spread, e.g., Dengue in S America and plague in Uganda