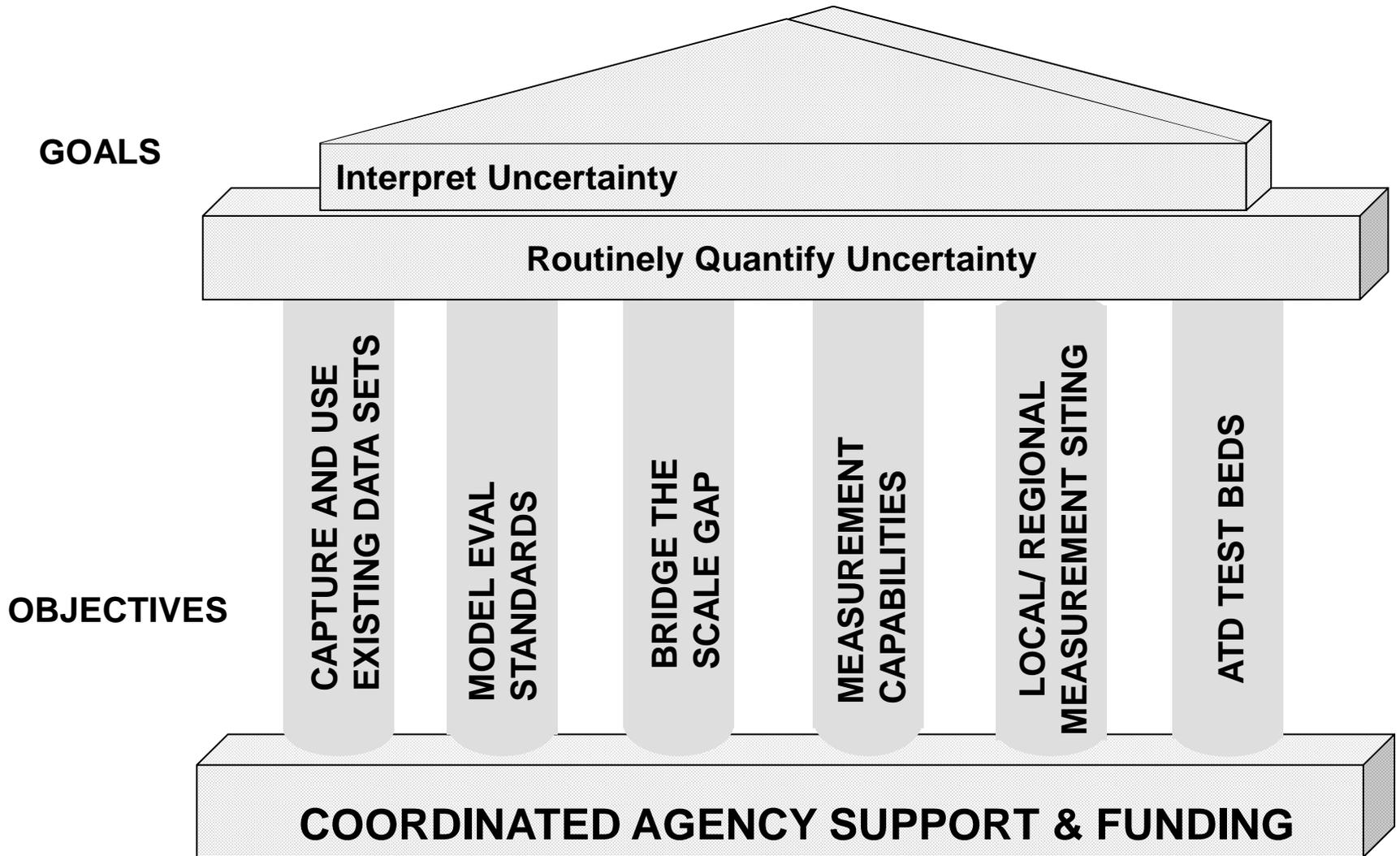


# *Quantifying the Uncertainty*

Perspectives from the cutting edge of scientific and operational challenges to understanding and modeling dispersion processes.

# *An R&D Strategy to Meet User Needs*



# *Panelists*

- **Dr. Harindra Joseph Fernando**, Wayne and Diana Murdy Endowed Professor of Engineering and Geosciences, University of Notre Dame, Notre Dame, IN
- **Dr. Steven Hanna**, Hanna Consultants, Kennebunkport, ME
- **Mr. John Pace**, U.S. Army Dugway Proving Ground, Dugway, UT
- **Dr. Gayle Sugiyama**, NARAC/IMAAC Program Leader, Lawrence Livermore National Laboratory, Livermore, CA
- **Mr. Albert H. Mongeon**, NOAA National Weather Service Homeland Security Activities, Silver Spring, MD