




Advancing innovation & discovery

Convergent science

Integrated Approaches to Complex Problems

Strategic integration across areas of expertise is required for solving many of today's complex scientific and societal problems. To meet this demand, the research community and funding organizations are increasingly interested in convergent science, that is, research that uses deep integration across disciplines to address complex, compelling problems that arise from deep scientific questions or pressing societal needs. Convergent science develops novel frameworks that catalyze scientific discovery and societally beneficial innovation.

CONVERGENT RESEARCH AT NCAR

The goal of NCAR's investment in convergent science is to leverage NCAR's expertise, broad network, and convening power to chart a successful path forward for interdisciplinary and societally beneficial science in the atmospheric and geoscience community. The 2020-2024 NCAR Strategic Plan emphasizes actionable, long-term, team-oriented science and technology with community reach and significant transformative potential.

QUESTIONS OR PERSPECTIVES?

- Join us for a breakout session at the UCAR Members Meeting to discuss what your university's interests and needs are related to convergent science.
- Or direct your questions and ideas to Rebecca Morss (MMM), Olga Wilhelmi (RAL) and Chris Davis (MMM).

Convergent Research

- Is problem-oriented
- Involves deep integration across disciplines
- Generates new ways of thinking & new scientific & societal solutions

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