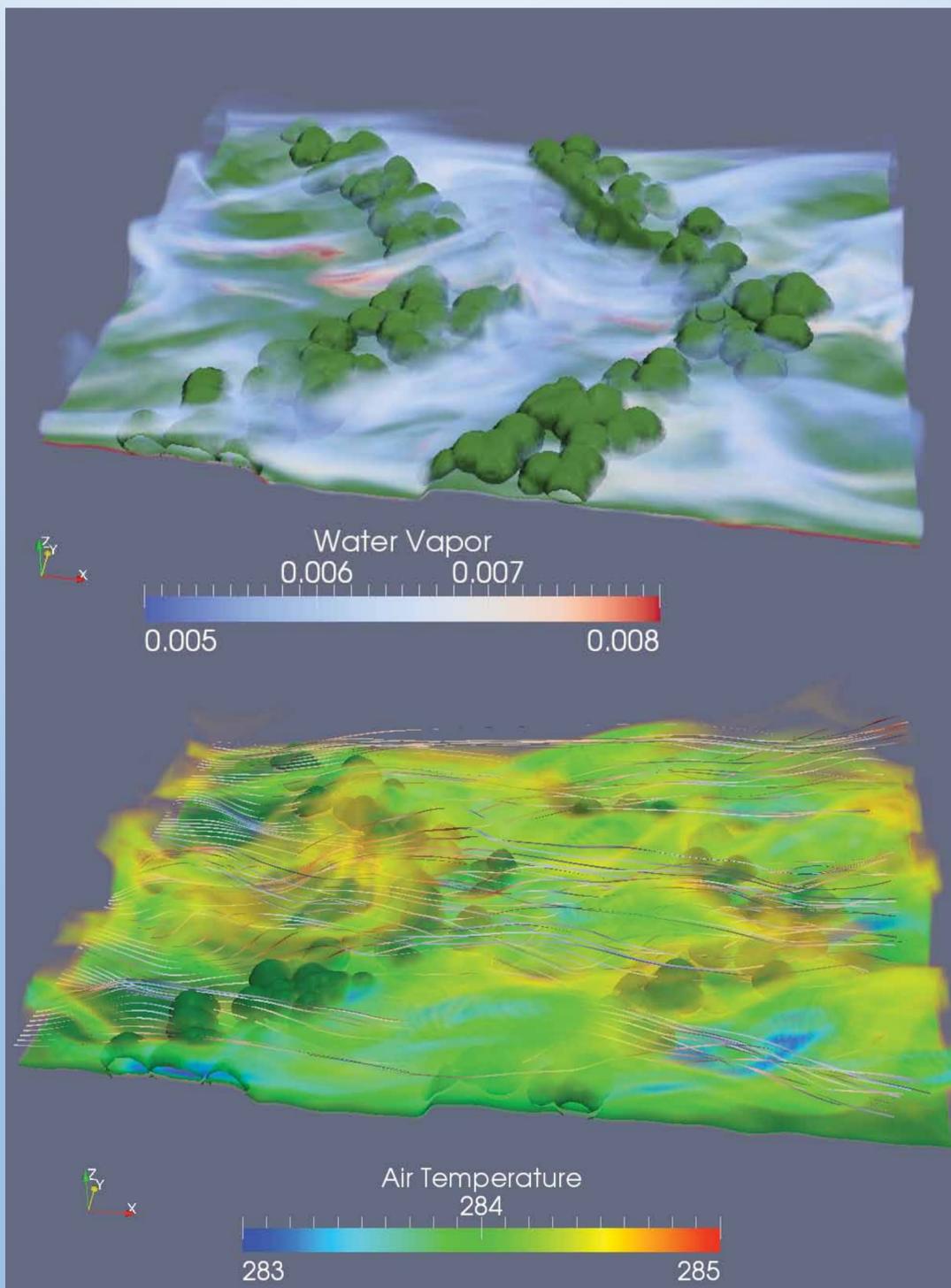


Atmosphere-Biosphere Interactions

HIGRAD is being used as part of DOE's Next Generation Ecosystem Experiments (NGEE) Project.

The model allows us to investigate the detailed exchange processes between the atmosphere and the terrestrial biosphere that are critical for improved understanding and prediction of climate change.



Simulations of heat and moisture flux in an Arctic ecosystem consisting of shrubs and tussock grasses.