Scientists are addressing major research areas in earth system science by developing and applying high-fidelity models that represent earth system changes to improve understanding of the significant drivers, feedbacks, and uncertainties within the integrated earth system. This research provides information needed for effective energy and connected infrastructure planning.

The Energy Exascale Earth System Model (E3SM) project is a state-of-the-science earth system modeling, simulation, and prediction project that optimizes the use of U.S. Department of Energy (DOE) laboratory resources to meet the science needs of the nation and the mission needs of DOE.

KEEP UP TO DATE ON E3SM

E3SM publishes news, feature stories and technical information on its website. The E3SM project also publishes Floating Points, a quarterly email newsletter. Follow the links below to get to know more about E3SM and to subscribe to E3SM’s newsletter.

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