

Franklin M. Orr, Jr.
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Professor Orr earned a bachelor's degree in chemical engineering from Stanford University in 1969 and his doctorate in chemical engineering from the University of Minnesota in 1976. He joined the Stanford faculty in 1985. Presently he is also a Senior Fellow in the Woods Institute for the Environment.

Lynn Orr recently became Director of the Precourt Institute for Energy at Stanford. He served as Director of the Global Climate and Energy Project, GCEP from 2002 to 2008. In 2006 he received the IOR Pioneer Award from the Society of Petroleum Engineers.

He served for eight years as Dean of the School of Earth Sciences, was elected to the National Academy of Engineering in 2000, is a member of the Board of Directors of the Monterey Bay Aquarium Research Institute, and chairs the scientific advisory panel for the David and Lucile Packard Foundation Fellowships in Science and Engineering.

Professor Orr is one of the world's leading experts on global warming and CO₂ emissions and a leader in the field of enhanced oil recovery. His research interests include multiphase flow in porous media, interactions of high-pressure phase equilibria of multicomponent mixtures with multiphase flow, with applications to enhanced oil recovery by gas injection processes and contaminant transport in aquifers, as well as gas hydrates and CO₂ sequestration.