

To respond to global challenges in Earth, environmental, and planetary science, The University of Arizona announces coordinated hiring of five faculty in Earth system remote sensing to establish the Earth Dynamics Observatory (EDO). EDO will combine mission operations and planetary science capabilities of the Lunar and Planetary Lab with remote sensing research in Earth and environmental programs and instrument development. EDO faculty will contribute to interdisciplinary research and education with the goals of instrument/mission development and leading new applications research. We welcome applications for EDO positions focused in five areas. Candidates may seek appointments in one or several departments/colleges within UA. EDO seeks faculty who promote diversity in research, education, and outreach, and who have experience with a variety of collaborative, teaching, and curricular perspectives. More information and details of application processes are available at: www.geo.arizona.edu/EDO

Instrument/Mission Leadership: We seek a scientist with experience in instrument and/or mission development and leadership in Earth remote sensing for an open-rank position to lead collaborative projects across a variety of platforms, methods (multi/hyperspectral, radar, laser, gravity, etc.), and applications.

Remote Sensing Land-Water-Climate/Geospatial Analysis: We seek a scientist with expertise in remote sensing, modeling, and data analysis of land surface, water, resource, and hazards assessment using active and passive source methods, multi- and hyperspectral data, LiDAR, and other technologies.

Atmospheric remote sensing: We seek a scientist with expertise in atmospheric observing systems including passive and active sensing of precipitation, clouds, water vapor, aerosols, and trace gases, development and application of retrieval algorithms and methods or dual-polarization Doppler radar measurements, and data assimilation.

Comparative planetology: We seek a scientist with expertise in remote sensing of planetary surfaces, atmospheres, and/or interiors with relevance to multiple planets (including exoplanets) or solar system objects and to astrobiology, to provide context for understanding the Earth.

Satellite Geodesy: We seek a scientist with expertise in space geodetic techniques across a range of geophysical, hazards, and resource applications including gravity, GPS, InSAR, LiDAR, and radar altimetry, to understand earthquakes, volcanoes, tsunamis, tectonics, mantle flow, glacier dynamics, sea level, and/or Earth's rotational dynamics.