



## **“Earth Observations from Space for Hazards and National Security**

**May 12-13, 2027 -- University of California Irvine, California**

The NAE regional member led event on “Earth Observations from Space for Hazards and National Security” will bring together leaders from academia, federal agencies, industry, the national labs, and the national security community to examine how satellite observations can support preparedness, response, and resilience in the face of growing environmental risks. The meeting will highlight advances in remote sensing, artificial intelligence, data science, and decision-support systems for monitoring hazards such as floods, droughts, wildfires, extreme heat, storms, landslides, and coastal threats. Particular attention will be given to the translation of NASA and other space-based observations (including commercial satellites) into actionable products for emergency management, infrastructure protection, defense readiness, food and water security, and insurance and financial risk assessment. The meeting will help identify gaps, opportunities, and partnerships needed to strengthen national security and societal resilience through the effective use of Earth observations from space.

