

**Judith L. Lean**  
Naval Research Laboratory

Judith Lean is Senior Scientist for Sun-Earth System Research in the Space Science Division of the Naval Research Laboratory. The focus of her research is understanding the Sun's variability using measurements and models, and determining the impact of this variability on the Earth system, including climate change, the ozone layer and space weather. She has published over 100 papers in journals and books, and delivered over 250 presentations documenting her research. A US citizen since 1992, she has a Ph.D. in Atmospheric Physics (1982) from the University of Adelaide, Australia and B.Sc. (Hons) from the Australian National University (1975). After completing her PhD she worked for CIRES at the University of Colorado, Boulder, from 1980 to 1986, joining the US Naval Research Laboratory in 1988.

She has served on a variety of NASA, NSF, NOAA and NRC advisory committees, including as Chair of the NRC Working Group on Solar Influences on Global Change and, most recently, the NRC Committee on a Strategy to Mitigate the Impact of Sensor De-scopes and De-manifests on the NPOESS and GOES-R Spacecraft. A member of the AGU, IAGA, AAS/SPD and AMS, she was elected a Fellow of the American Geophysical Union in 2002 and a member of US National Academy of Sciences in 2003. She is the recipient of a number of NASA research grants, in collaboration with other SSD and US scientists, and is currently a Co Investigator on the SORCE, TIMED/SEE, SDO/EVE and GLORY/TIM space missions.