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Janet G. Luhmann is involved in a number of NASA and NSF - supported research projects at the Space Sciences Laboratory at the University of California, Berkeley, where she is a Senior Fellow. A major focus of her work has been the use of spacecraft observations and models to investigate the solar wind interactions with the planets, including both space weather effects and impacts on atmosphere evolution. Her bibliography includes over 200 refereed publications in the field. She has served as a president of the Space Physics and Aeronomy section of AGU, as Senior Editor of the *Journal of Geophysical Research-Space Physics*, as Chair of the NRC Committee on Solar and Space Physics (CSSP), and as a member of numerous NASA, NSF, and National Research Council scientific advisory committees and panels. She is currently a member of the Cassini Saturn Orbiter Ion-Neutral Mass Spectrometer Team, Principal Investigator for IMPACT, an in-situ experiment consortium providing plasma and field instrumentation for the STEREO mission to study the Sun and interplanetary space weather, and Co-Director for Solar/Heliosphere areas in the NSF Science and Technology Center, CISM (Center for Integrated Space Weather Modeling).

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