



## **Dr. Terry Onsager**

Physicist at Space Weather Prediction Center, National Oceanic and Atmospheric Administration (NOAA),

Terry Onsager received a Ph. D. degree in physics in 1988 from the University of Washington, Seattle with a focus on shock waves in collisionless plasma, using Earth's bow shock as a natural laboratory.

His research includes solar wind-magnetosphere coupling, modeling the signatures of magnetic reconnection at Earth's magnetopause and in the magnetotail, and the dynamics of the electron radiation belts. His recent efforts include coordinating the capabilities and priorities of international space weather organizations to improve global space weather services, and working to bridge the gap between research and operations. Currently he is the Director-elect of the International Space Environment Service. He serves as co-chair of the World Meteorological Organization Inter-Programme Coordination Team on Space weather, and he is a member of the Space Weather Expert Team for the UN Committee on the Peaceful Use of Outer Space Working Group on the Long-Term Sustainability of Outer Space.