

**Tomoo Ushio** received the B.S, M.S., and Ph.D. degree in electrical engineering from Osaka University in 1993, 1995, 1998, respectively. He was with the Global Hydrology and Climate Center, Huntsville AL USA as a Postdoctorate Researcher from 1998 to 2000. In 2000, he joined the Department of Aerospace Engineering, Osaka Prefecture University. In 2006, he was with the Department of Electrical, Electronic and Infocommunication Engineering in Osaka University as an associate professor, where he is currently a professor. His research specialties are radar-based remote sensing, passive and active remote sensing of atmosphere from space borne platforms, and atmospheric electricity.