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. After being an assistant professor at Osaka Prefecture University, in 2006, he joined the Department of Electrical, Electronic and Information Engineering, Osaka University Japan as an associate professor. Since 2017, he has been a professor in Tokyo Metropolitan University, Tokyo, Japan. His research specialties are radar-based remote sensing, passive and active remote sensing of atmosphere from space born platforms, and atmospheric electricity.