

Speaker Bios

SPEAKER BIOS

Advances in Sensor Technology and it's Application to Disaster Mitigation

J.-Y. Christine Chiu is a research assistant professor at the Joint Center for Earth Systems Technology (JCET), a collaboration between the University of Maryland/Baltimore County and NASA/Goddard Space Flight Center. Dr. Chiu received a B.S. and an M.S. in atmospheric physics from National Central University of Taiwan. In 2003, she received a Ph.D. in earth and atmospheric sciences at Purdue University. Her research focuses on radiative transfer and remote sensing of clouds and precipitation. She has used both ground-based and spaceborne sensors to observe cloud optical properties that are important for understanding interactions between clouds and radiative feedback processes in the atmosphere, and for improving cloud-radiation parameterization in climate models.