

Brian A. Colle, Ph.D., Stony Brook University

Dr. Brian A. Colle research focuses on improving our understanding and forecasts of the meteorology around the coastal margins of North America. He received his M.S. and Ph.D. in Atmospheric Sciences at the University of Washington in 1994 and 1997, respectively. He was a Research Associate at the University of Washington for two years before arriving at Stony Brook University-SUNY in 1999, where now he is a Full Professor in the School of Marine and Atmospheric Sciences and the Faculty Director of the University Scholars Program at Stony Brook. Dr. Colle has served as an Editor for the AMS journal "Weather and Forecasting." In 2000 he was awarded a Young Investigator's Award by the Office of Naval Research, and in 2007 he won the AMS Editor's Award for the journal "Monthly Weather Review." He has published over 75 peer-reviewed papers in areas of mountain meteorology, coastal meteorology, numerical weather prediction, and regional climate. He has participated in numerous field experiments on orographic flows and precipitation on the U.S. West coast, and convective storms around Long Island during the Doppler Radar for Education And Mesoscale Studies (DREAMS: <http://dreamsproject.weebly.com/>). His Coastal Meteorology and Prediction (CoMAP) group (<http://comap.weebly.com/>) utilizes high-resolution operational models and ensembles to better understand high impact coastal weather and their predictability, and to apply these ensemble models in various other applications (storm surge, waves, fire weather, hydrologic, etc...).