



AMS K-12 SCIENCE TEACHER OUTREACH WEATHER – OCEAN – CLIMATE SHORT COURSE WEDNESDAY – JANUARY 9, 2013 Austin - Texas

Science Teacher Short course designed for high school teachers.

8: - 8:15 am	Introduction
8:15 – 9:00 am	Westerlies and Jet Stream
9:00 – 9:45 am	Tornadoes
9:15 – 10:15:am	Break
10:15 – 11:00 am	Open Ocean and Coastal Impacts of Tropical Cyclones
11:00 – 11:45 am	Coastal Processes
11:45 – 1:00 pm	Lunch “Forecasting Weather, Monitoring Climate with NPP – Our Nation’s Premier Weather Satellite” - Scott Asbury, Sr., Program Manager, Joint Polar Satellite System Spacecraft, Ball Aerospace & Technologies Corp.
1:00 pm - 1:45 pm	Central American Fresh Water Bridge: Impact on Ocean Salinity
1: 45 pm – 2:30pm	PetM: A Possible Analog to Modern Climate Change
2:30 pm – 2:45 pm	Break
2:45 pm - 3:30 pm	Methane Hydrates: Major Implications for Climate
3:30 pm - 4:15 pm	Oil, Spills and The Marine Environment
4:15 pm – 4:30 pm	Summary and Final Questions – Certificates



**Ball Aerospace
& Technologies Corp.**