



Speaker

**DR. RICHARD
MOORE**

**ATMOSPHERIC SCIENTIST,
NASA'S LANGLEY
RESEARCH CENTER**

For the past three decades, NASA satellites have provided measurements of solar radiation and the earth's temperature to the global Earth Observing System. NASA also partners with others in the scientific community to carry out targeted aircraft, balloon- and ground-based field campaigns to improve algorithms for processing satellite data and fill in any gaps.

This lecture will highlight one of the North Atlantic Aerosols and Marine Ecosystems Study (NAAMES) field campaigns that is one of a series of Earth expeditions currently being conducted to better understand our world, climate and how it is changing.

Join Dr. Richard Moore, an airborne atmospheric scientist at NASA's Langley Research Center in Hampton, Virginia, USA, as he talks about being part of a team that studies the interaction between atmospheric aerosols and cloud formation, which are important for resolving key processes governing the Earth's radiation balance, air quality and climate.

Dr. Moore is also actively involved in the current NASA Earth Venture Suborbital Mission, NAAMES, where he serves as the deputy project scientist responsible for co-ordinating, planning and executing the NAAMES science objectives and flight operations.

Speaking of **ENGINEERING**

LECTURE SERIES

HAVE YOU EVER WONDERED

*how NASA studies
climate change?*

**Wednesday, May 18, 2016 at 7:30 p.m.
Memorial University, St. John's Campus
S.J. Carew Building; Room EN2006**

**RECEPTION TO FOLLOW. ADMISSION IS FREE. ALL ARE WELCOME.
Free parking in lot 22**

Speaking of Engineering is hosted by the Faculty of Engineering and Applied Science at Memorial University and the Professional Engineers and Geoscientists of Newfoundland and Labrador.