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Department of Atmospheric Sciences Seminar Announcement

Department of Atmospheric Sciences, S.O.E.S.T., University of Hawai'i at Mānoa
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Inspiring Awe in the Geosciences: Challenges and opportunities in multi-disciplinary research

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Date: Thursday, November 7, 2019
Seminar Time: 12:00pm
Location: IPRC Conference Room, POST 414

Abstract:

Exponentially growing datasets and increasingly sophisticated computer models are allowing us to explore ever more complex questions about our changing planet. These questions cannot be tackled by one single researcher, and multi-disciplinary teams are becoming part of our normal way of doing research. I will draw from my experience as a climate scientist working in a big Geosciences school to highlight the challenges and opportunities of multi-disciplinary research for graduate students and early-career scientists. The challenges involve bridging language barriers between disciplines, effectively communicating the impact of our work, and the need to keep a distinct research portfolio. The opportunities are many: increased job opportunities, diverse and (hence) more sustainable funding streams, and more importantly, the reward of exploring awe inspiring questions such as the climatic effects of meteorite impacts, the possibility of unknown modes of climate variability, and the dynamics of ice-covered oceans in Jupiter's moons.

30 min talk to be followed by a Q&A session.