

# Understanding Terrestrial Biogeochemistry in a Changing Environment: A Model-Data Integration Approach

**Speaker: Dr. Xiaofeng Xu**

**San Diego State University, USA**

Time: 10:00 am July 26, 2016

Venue: Conference Room, Ecology Building  
(生态楼二层会议室)

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## Brief Introduction of Speaker:

Dr. Xiaofeng Xu is an assistant professor at San Diego State University. He obtained his BS (2000) from Henan Normal University, MS (2004) from Chinese Academy of Sciences, and PhD (2010) from Auburn University. His lab (Ecological Modeling And Integration Laboratory) studies land-atmosphere interaction in the framework of Earth system modeling, particularly examining soil microbial mechanisms for production and consumption of trace gases and their contributions to the climate system dynamics. His work has been published in prestigious journals including *Ecology Letters*, *GCB*, *GBC*, *GEB*, *EST*, *JGR*, etc. Dr. Xu serves as an associate editor for *Global Ecology and Biogeography* and *Ecosystem Health and Sustainability*, on editorial board for *Agricultural and Forestry Meteorology*. The talk covers the key framework of data-model integration approach and a number of applications at different scales.



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