



# 97<sup>th</sup> ANNUAL MEETING

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## COS 189 - Forest Habitats II

**Friday, August 10, 2012: 8:00 AM-11:30 AM**

*E146, Oregon Convention Center*

- 8:00 AM **COS 189-1** Fossil pollen and conifer stomata reveal 14,000 years of vegetation dynamics on a hypermaritime island on the outer Pacific coast of Canada  
*Terri Lacourse, University of Victoria; J.M. Delepine, University of Victoria; E.H. Hoffman, University of Victoria; R.W. Mathewes, Simon Fraser University*
- 8:20 AM **COS 189-2** Historical and physiographical determinants of tree species distribution in human-dominated boreal landscapes  
*Yan Boucher, Ministère des Ressources naturelles et de la Faune du Québec; Pierre Grondin, Ministère des Ressources naturelles et de la Faune du Québec; Isabelle Auger, Ministère des Ressources naturelles et de la Faune du Québec*
- 8:40 AM **COS 189-3** Variability within the 10-year seasonal Neotropical pollen rain and its implications for paleoenvironmental reconstructions  
*Derek S. Haselhorst, University of Illinois; Jorge E. Moreno, Smithsonian Tropical Research Institute; Surangi W. Punyasena, University of Illinois*
- 9:00 AM **COS 189-4** Examining biomass allocation in tree seedlings along a tropical elevational gradient in the Andes  
*Catherine H. Bravo, Florida International University; Kenneth J. Feeley, Department of Biological Sciences*
- 9:20 AM **COS 189-5** Geographical variation in spatial synchrony of forest-insect outbreaks: Isolating the drivers of synchrony  
*Kyle J. Haynes, University of Virginia; Ottar N. Bjornstad, Penn State University; Andrew J. Allstadt, University of Virginia; Andrew M. Liebhold, USDA Forest Service*
- 9:40 AM **COS 189- Break**

- 9:50 AM **COS 189-6** [Reconciling inventory, tower, and remotely-sensed carbon estimates across northern Wisconsin through model-data fusion](#)  
**Michael Dietze**, University of Illinois; **Shawn P. Serbin**, University of Wisconsin - Madison; **David LeBauer**, University of Illinois; **Rob Kooper**, University of Illinois; **Kenton McHenry**, University of Illinois; **Ankur R. Desai**, University of Wisconsin
- 10:10 AM **COS 189-7** [Species composition and community structure of vines along the transection of habitats at the Nanshi forest dynamics plot in Yushan National Park of the Central Taiwan](#)  
**Shau-Ting Chiu**, National Museum of Natural Science; **Thomas Kai Chun Tang**, National Taiwan University; **Kuoh-Cheng Yang**, Providence University
- 10:30 AM **COS 189-8** [Nitrogen fixation by russet buffaloberry in Colorado conifer forests](#)  
**Mark W. Paschke**, Colorado State University; **Zoe M. Miller**, Bureau of Land Management; **Charles C. Rhoades**, USDA Forest Service Research; **Jayne L. Jonas**, Colorado State University; **Brett Wolk**, Colorado State University
- 10:50 AM **COS 189-9** [Linking fog climatology and the impact of cloud immersion on transpiration of \*Pinus patula\* within a seasonal tropical montane cloud forest environment](#)  
**Maria Susana Alvarado-Barrientos**, University of New Hampshire; **Friso Holwerda**, Universidad Nacional Autónoma de México; **Heidi Asbjornsen**, University of New Hampshire; **Todd E. Dawson**, UC Berkeley
- 11:10 AM **COS 189-10** [Aboveground net primary productivity in Costa Rican secondary tropical dry forest over 3 years](#)  
**Justin M. Becknell**, University of Minnesota; **Jennifer S. Powers**, University of Minnesota

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