

Forest Ecosystems & Society Newsletter

November 2009

Get to know your Research Support Faculty!



Suzanne Remillard is a Natural Resource Database Manager for the Andrews Long-Term Ecological Research (LTER) Program. She plans and designs databases, assures the quality and archiving of long-term study data sets, co-manages the Forest

Science Data Bank, and maintains the Andrews LTER web pages. She also serves on a national LTER committee representing all 26 LTER network sites. She has been working with the LTER program since about 2000.

Suzanne received her Master's degree in Forest Ecology from OSU's Forest Science department in 1999 working on old-growth forest soil carbon and nitrogen budgets throughout the PNW. Her Bachelor's degree is in Forest and Watershed Management from the University of Arizona. She also served as a Peace Corps volunteer in the west African nation of Togo from 1990-1992 as an Agro-forestry and Environmental Education Extension Agent. Suzanne has two canine companions, Dante and Moze, with whom she does a lot of hiking. She loves outdoor adventures and some of her pastimes include telemark skiing, rock climbing, kayaking, trail running, backpacking, biking and gardening.

Sponsored by the Research Support Faculty Committee.

Field Work in Ethiopia

Kathleen "Kas" Guillozet, a PhD student working with John Bliss, has started her field work in the highlands of Ethiopia. Kas is examining how poor rural households access essential forest resources in a context of civil instability, environmental change, and forest



degradation. Her research is supported, in part, by an Oregon University System Fellowship for International Research. Kas spent the summer studying Amharic (one of the principal languages of Ethiopia) on a scholarship from Michigan State University. She and her husband, Peter, arrived in

Ethiopia in September, and plan to remain there for about one year. They are based at the College of Forestry and Natural Resources in Wondo Genet, with whom our College has many close ties. You can keep up with Kas and Peter by [visiting their blog.](#)



Nov. 9, 6:00 pm

The Ecology of Fear: The Role of Big Predators in Environmental Harmony

by Professor Bill Ripple

Old World Deli (341 SW 2nd)

Bill's talk is part of the Science Pub Series sponsored by OSU, OMSI, and the Downtown Corvallis Association. For more info, contact sciencepub@omsi.edu



Needham, M. D., Sprouse, L. J., & Grimm, K. E. 2009. Testing a self-classification measure of recreation specialization among anglers. *Human Dimensions of Wildlife*, 14(6).

Strauss, S.H.; Schmitt, M.; Sedjo, R. 2009. Forest Scientist Views of Regulatory Obstacles to Research and Development of Transgenic Forest Biotechnology. *Journal of Forestry*, Volume 107(7): 350-357(8).

Sierra, C.A., H.W. Loescher, M.E. Harmon, A.D. Richardson, D.W. Hollinger, S.S. Perakis. 2009. Interannual variation of carbon fluxes from a tropical, a temperate, and a boreal evergreen forest: the role of forest dynamics and climate. *Ecology* 90(10): 2711-2723.

Vaske, J. J., Shelby, L. B., & Needham, M. D. 2009. Preparing for the next disease: The human-wildlife connection. In M. J. Manfredo, J. J. Vaske, P. J. Brown, D. J. Decker, & E. A. Duke (Eds.), *Wildlife*

and society: The science of human dimensions (pp. 244-261). Washington, DC: Island Press.

Wiener, C. S., Needham, M. D., & Wilkinson, P. F. 2009. Hawaii's real life marine park: Interpretation and impacts of commercial marine tourism in the Hawaiian Islands. *Current Issues in Tourism*, 12(5/6), 489-504.



Dr. Mark Needham would like to welcome new graduate student and research assistant **Emily Pomeranz**. Emily completed her undergraduate degree at the University of Wisconsin-Madison. She was awarded a Richardson Fellowship and will be working on research projects with Dr. Needham as part of her degree in Forest Resources with a minor in Fisheries and Wildlife.

Rupert Seidl joined the Department of Forest Ecosystems and Society in April as postdoc researcher working with Tom Spies and Mark Harmon. Rupert received his Ph.D. from the University of Natural Resources and Applied Life Sciences (BOKU) Vienna, where he studied climate change impacts and adaptation options in sustainable forest management. In his two-year postdoc at FES, supported by a Marie Curie Outgoing Fellowship of the European Union, he will work on integrating his personal background in individual-based ecosystem modeling with a landscape and disturbance modeling perspective. The aims of the project are to develop a process-based simulation model and apply the tool to investigate climate change effects in forests of the western Cascades in Oregon (more info: <http://iland.boku.ac.at>).

Anita Morzillo will begin an appointment as Assistant Professor, Senior Research in January 2010, and currently is a Research Associate. Anita spent the past several years working as a Biologist at the US EPA lab here in Corvallis. She specializes in interdisciplinary research that integrates ecology and social science, and is "fluent" in both disciplinary areas. Anita's research interests are broad within the areas of landscape ecology, systems ecology, wildlife ecology and management, human dimensions of natural resources, and urban ecology. Current research projects include fuels management effects on wildlife habitat (with Michael Wing and Claire Montgomery), effects of climate change on wildlife

habitat (with Ralph Alig), and non-target effects of pesticides on wildlife.

Dr. Tory Bennett is a new postdoc in Matt Betts's lab. Tory received her doctorate from Leeds University in the UK where she studied African ecosystem dynamics. Since her PhD Tory has been working with bats and invertebrates, primarily butterflies for a number of organizations and undertook postdoc research at Purdue University investigating the implications of anthropogenic disturbance on wildlife. Tory's current postdoc work will focus on investigating the implications of road networks on wildlife to inform management practices.

Welcome to the following graduate students who started this fall: Lauren Bell (PhD, Rosenberger), Tom Giesen (PhD, Spies/Lach), Kim Hall (PhD, Albers), James Johnston (PhD, N. Johnson), Alexis Lewis (PhD, Shindler), Luke Painter (PhD, Ripple), Molly Pattison (MS, Tynon), Emily Pomeranz (MS, Needham), Jennifer Wig (MS, Lathja), and Svetlana Yegorova (MS, Puettmann).

Goodbye to **Emilie Grossmann**, who worked with Janet Ohmann and Lisa Ganio.



New Course Attracts Diverse Students

A new online course taught by FES Affiliate Faculty member Paul Ries made its debut during fall quarter 2009. Urban Forestry (FOR 350, cross listed as HORT 350) has a full roster of 30 students from OSU, elsewhere in Oregon, across the US, and even Scotland, the Bahamas, and Brazil. The course will also be taught online during winter quarter 2010.

FOR 561 Forest Policy Analysis Winter 2010 Wolves and Forest Ecosystems: Forging Policies to Sustain the Web of Life

Norm Johnson, Cristina Eisenberg, and Hal Salwasser

Research has recently showed that wolves can trigger a trophic cascade which can strongly affect biodiversity in forest and riparian ecosystems. These findings could lead to new policies that recognize the positive role that wolves can play in ecosystem health, especially on the national forests, and perhaps to a new approach to ecosystem conservation. Forest Policy Analysis (FOR 561) this winter will explore

the science, policy, and politics of this issue. Contact Norm.Johnson@oregonstate.edu for more information.



Bill Ripple travelled to Washington DC to accept the prestigious Spirit of Defenders Award for Science from the Defenders of Wildlife for his work on the study of trophic cascades involving large predators, large herbivores and plants. Congratulations, Bill!

Congratulations to Ed Jensen and NR/Honors College student Andrew Merschel for a DeLoach award to develop new teaching materials for Dendrology. These awards are intended to foster mentor-protégé relationships between faculty and students, so are important contributions to the education of our undergraduates.

For questions, comments or to submit articles, events, publications, stories, pictures or other information for the Forest Ecosystems and Society Newsletter please email irene.schoppy@oregonstate.edu.