KATHLEEN LOHSE

SELECTED PRESENTATIONS AND POSTERS

Lohse, K.A., D. Hope, R.A. Sponseller, J.O. Allen. 2006. Spatial and temporal patterns of wet and dry deposition of nutrients in a desert city. ASM, Sept 20-24th. Estes Park, CO.

Lohse, K.A., D. Hope, R.A. Sponseller, and N.B. Grimm. 2006. Atmospheric deposition of nutrients in a desert city: Spatial patterns of wet deposition, throughfall, and runoff. ESA, Aug. 6-11. (poster)

Lohse, K.A., J. Sanderman, and R. Amundson. 2005. Influence of Hydrological Flow Paths on Rates and Forms of Nitrogen Losses from Mediterranean Watersheds. Eos Trans. AGU, 86 (52), Fall Meet. Suppl., Abstract H23D-1448 (poster).

Sanderman, J., K.A. Lohse, and R. Amundson. 2005. Linking Soils and Streams: Hydrological Controls on Organic and Inorganic Solute Transport in two Mediterranean Catchments. Eos Trans. AGU, 86 (52), Fall Meet. Suppl., Abstract H23D-1449 (poster).

Sanderman, J., K.A. Lohse, and R. Amundson. 2005. The Importance of Hydrologic Flow Path in Determining the Retention or Loss of Dissolved Solutes from Upland Ecosystems. NSF Sponsored Workshop**:** Frontiers in Exploration of the Critical Zone**.** University of Delaware – Newark, Delaware, October 24-26, 2005 (poster).

Lohse, K.A., D. Newburn, J.J. Opperman, C. Brooks, A. Merelender. 2005. Towards sustaining water resources and aquatic ecosystems: forecasting watershed risks to current and future land use change. EOS Trans. AGU, 86(18), Jt. Assem. Suppl, Abstract NB21F-01, May 23-27, New Orleans, LA.

Lohse, K.A. 2004. Consequences of nitrogen additions for base cation losses and aluminum mobility in tropical forests of contrasting soil age. Ecological Society of America. Aug 1-6, Portland, OR.

Lohse, K.A. 2003. Declines in soil pH due to anthropogenic nitrogen inputs alter buffering and exchange reactions in tropical forest soils. American Geological Union, Dec. 8-12, San Francisco, CA (poster).

Lohse, K.A and W.E. Dietrich. 2002. Hydrological properties and flow paths change with 4.1 million years of soil development. American Geological Union, Dec. 6-12, San Francisco, CA (poster).

Lohse, K.A. 2002. Effects of 4.1 million years of soil development on hydrological properties and flow paths in the Hawaiian Islands. Ecological Society of America Meetings, Aug. 4-10, Tucson, AZ.

Lohse, K.A. and P. Matson. 2001. Fate of ^{15}N nitrate additions in Hawaiian wet tropical forest soils. Ecological Society of America Meetings, Aug. 5-10, Madison, WI.

Lohse, K.A. 2001. The Effects of Experimental Nitrogen Additions on Soil Solution Losses from Hawaiian Tropical Rain Forests of Different Nutrient Status: Patterns and Regulation. UC Berkeley graduate forum, Berkeley, CA.

Lohse, K.A., H. Farrington, J. Moen, P. A. Matson, and G. Asner. 2000. Relative importance of hydrological and biotic processes in regulating nitrate retention in wet tropical forests: comparisons using dual isotope tracers. American Geological Union, Dec. 15-19, San Francisco, CA.

Lohse, K.A., H. Farrington, J. Moen, P. A. Matson, and G. Asner. 2000. Interactions of soil hydrologic and biotic processes in regulating nitrate retention in wet tropical forests: comparisons using isotope tracers. Ecological Society of America Meetings, Aug. 5-10, Snowbird, Utah.

Lohse, K.A., P. A. Matson, and G.P. Asner. 1999. Effects of Experimental Nitrogen Additions on Nitrate Soil Solution Losses from Tropical Forests of Different Nutrient Status in the Hawaiian Islands. American Geological Union. Dec. 13-17. San Francisco, CA (poster).

Lohse, K.A., P. Matson, and J. Moen. 1999. Effects of Experimental Nitrogen Additions on Nitrate Leaching Losses from Hawaiian Tropical Forests of Different Fertility. Ecological Society of America Meetings, Aug. 8-12, Spokane, Washington.

Lohse, K.A. 1997. The role of vegetation change on soil/ ecosystem processes and their interaction with geomorphological processes. UC Berkeley graduate forum, Berkeley, CA.

INVITED PRESENTATIONS/SEMINARS

Lohse, K. 2006. Effects of soil development on hydrological properties and flow paths: consequences for nutrient losses. Department of Hydrology and Water Resources. University of Arizona. April 28.

Lohse, K. 2006. From the plot to the landscape: Scaling watershed hydrology and biogeochemistry. Department of Environmental Sciences. UC Riverside. April 10.

Lohse, K. 2006. Sustaining Water Resources for Human and Natural Systems: An Integrated Watershed Approach. University of Texas, Austin, Feb 28.

Lohse, K. 2006. Ecohydrologic Linkages: Using Hydrological Flow Paths to Scale Biogeochemical Processes. Department of Integrative Biology. University of Texas, Austin, Feb 23.

Lohse, K.A. 2005. Hydrological and biogeochemical controls on nitrogen transport and retention: responses to anthropogenic perturbations, Invited seminar in the Aquatic, Watershed, and Earth Resources Department, Utah State University. March 28.

Lohse, K.A. 2005. Towards Sustaining Water Resources and Aquatic Ecosystems: Forecasting Watershed Risks from Current and Future Land Use Change. Invited seminar in the Department of Landscape Architecture and Environmental Planning, February 28, 2005, UC Berkeley, CA.

Lohse, Kathleen. 2004. Globalization of N deposition: How will tropical forest ecosystems respond? Department of Environmental Science, Policy and Management Invited Seminar, March 8.

Lohse, Kathleen. 2004. Globalization of N deposition: How will tropical forest ecosystems respond? Invited research seminar in the Department of Renewable Resources at University of Wyoming, March 4.

Lohse, Kathleen 2004. Sustaining water resources for human and natural systems. Invited extension seminar in the Department of Renewable Resources at University of Wyoming. March 5.

Lohse. Kathleen. 2003. Hydrological and Biogeochemical Controls on Nitrogen Losses from Tropical Forests: Responses to Anthropogenic Nitrogen Additions. Invited Seminar talk at the University of California, Berkeley Biogeochemistry Series, April 28.

Lohse, Kathleen. 2003. Hydrological and Biogeochemical Controls on Nitrogen Losses from Tropical Forests: Responses to Anthropogenic Nitrogen Additions. Invited presentation for Stanford University Biogeochemistry Seminar Series. April 15.