

# National Academy of Sciences Elects Three Geographers

The National Academy of Sciences (NAS) has elected two geographers as members and a third as a foreign associate in recognition of their distinguished achievements in original scholarship. Ellen Mosley-Thompson, Anthony Bebbington, and Eric Lambin were among the 72 new members and 18 foreign associates elected in voting that took place at the NAS Annual Meeting on April 28, 2009.

Ellen Mosley-Thompson is Professor of Geography in the Department of Geography, Ohio State University, and Senior Research Scientist at the Byrd Polar Research Center, Ohio State University.



Mosley-Thompson

She uses ice cores collected from polar ice sheets and high mountain glaciers to reconstruct the Earth's complex climate history, building high-resolution annual records of net mass accumulation, atmospheric dustiness and chemistry, and temperature as inferred from stable isotopic ratios. Recent publications include "Spatial variation of the influence of the North Atlantic Oscillation on precipitation across Greenland" (2008, with Calder, C.A., and Craigmire, P. F.) in the *Journal of Geophysical Research (Atmospheres)*, and "A 1000 year

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history of atmospheric sulfate concentrations in southern Asia as recorded by a Himalayan ice core" (2007, with Duan, K., L. G. Thompson, T. Yao, and M. E. Davis) in *Geophysical Research Letters*, 34.

Anthony Bebbington is Professor of Nature, Society and Development and ESRC Professorial Research Fellow, IDPM, School of Environment and Development, at the University of Manchester. His work addresses the political ecology of rural change with a particular focus on social movements, indigenous organizations, livelihoods, extractive industries and socio-environmental conflicts. His most recent books and edited collections include *Can NGOs Make A Difference? The Challenge of Development Alternatives* (Zed, 2008, with D. Mitlin and S. Hickey), *Institutional Pathways to Equity* (World Bank, 2008, with A. Dani, M. Walton and A. de Haan), *Mining, social movements and peasant responses: a political ecology of territorial transformations* (Instituto de Estudios Peruanos/CEPES, 2007), *Mining and development in Peru* (Peru Support Group, with M. Connarty MP, W. Coxshall, H. O'Shaughnessy and M. Williams), *Development success: statecraft in the South* (Palgrave, 2007 with W. McCourt) and "Social Movements and the Dynamics of Rural Development in Latin America," a special section of *World Development* (2008, with R. Abramovay and M. Chiriboga).



Bebbington



Lambin

Eric Lambin, Professor, Department of Geography and Geology, University of Louvain, Louvain-la-Neuve, Belgium, was elected to NAS as a foreign associate. He was previously Assistant Professor at Boston University and Expert for the European Commission at the Joint Research Center (Ispra). Lambin is the current Chair of the Land-Use and Land-Cover Change (LUCC) program of the International Geosphere-Biosphere Program (IGBP) and International Human Dimensions Program on Global Environmental Change (IHDP). His research interests include the monitoring of land-cover changes by remote sensing, and the modeling of land-use changes and some of their impacts on coupled human-environment systems. Lambin has published extensively in leading scientific journals in remote sensing, geography and environmental sciences.

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