Kelly Garbach
Curriculum vitae

Department of Environmental Science & Policy
University of California Davis
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EDUCATION

2006-present	Ph. D. in Ecology, University of California Davis Anticipated 9/2011 (Co-chairs: Valerie Eviner and Mark Lubell)
2002	B.Sc. in Anthropology, Loyola University Chicago *Summa Cum Laude* (Honors Thesis Advisor: Ayana Karanja)

RESEARCH INTERESTS

Landscape ecology-biodiversity and land use change, conservation planning, resilience in social-ecological systems

Ecosystem services- availability and spatial distribution of services, sustaining multiple services in agricultural landscapes

Diffusion of innovation-adoption of conservation management practices, social network analysis

AWARDS & FELLOWSHIPS

2010-11	Professors for the Future Fellow, UC Davis
2010	Ecological Society of America, Applied Ecology Student Travel Award, ESA
2009	Jastro Shields Fellowship, UC Davis
2009	Filter for Good Scholar, Brita Corporation
2009-09	University of California Outreach and International Programs Seed Grant (co-PI)
2008-11	Plant Sciences Graduate Research Assistantship, UC Davis
2008-09	Fulbright Fellowship, U.S. State Department
2008	Graduate Group in Ecology Block Grant, UC Davis
2008	Bert and Nell Kranz Fellowship in Sustainable Agriculture, UC Davis
2008	Honorable Mention, National Science Foundation GRFP
2007	Graduate Group in Ecology Block Grant, UC Davis
2007	Jastro Shields Fellowship, UC Davis
2007	Environmental Science & Policy Travel Award, UC Davis
2007	Organization for Tropical Studies Scholarship
2006	Graduate Scholars Fellowship, UC Davis
1998-2002	Damen Fellowship for Academic Excellence, Loyola University Chicago

TEACHING EXPERIENCE

2010	Graduate Teaching Assistant, Agroecology (PLS 150), UC Davis
2009	Guest lecturer, Conservation Biology and Management (BIO, ECL 290), UC Davis
2008	Guest lecturer, Alternatives in Agriculture Seminar (PLS 190), UC Davis
2008	Graduate Student Coordinator, Integrated Ecosystem Assessment (ECL 298), Agricultural Sustainability Institute, UC Davis

PUBLICATIONS

Tomich, T., Argumedo, A., Baste, I., Camac, E., Filer, C., Garcia, K., **Garbach, K.,** Geist, H., Anne-Marie Izac, A.M., Lebel, L., Lee, M., Nishi, M., Olsson, L., Raudsepp-Hearne, C., Rawlins, M., Scholes, R., van Noordwijk, M. 2010. *Conceptual Frameworks for Ecosystem Assessment-their development, ownership and use* in Ecosystems and Human Well-being: A Manual for Assessment Practitioners, Ash et al., Eds. Island Press, Washington, D.C.

Tomich, T., **K. Garbach,** A. Cantor. 2007. A Framework for assessment of California agroecosystems: Pitfalls and possibilities. Paper prepared for the Workshop and Policy Roundtable on California Agroecosystem Services: Assessment, Valuation and Policy Perspectives, University of California, Davis, 12-13 September 2007. UCAIC Brief #1.

Garbach, K., A. Martinez-Salinas, F. DeClerck. The importance of management: contributions of live fences to maintaining bird diversity in agricultural landscapes. Mesoamericana, Journal of the Mesoamerican Society for Biology and Conservation. *Manuscript in review*.

Eviner, V.T., **Garbach, K.**, Hoskinson, S., Baty, J. Invasive species influence on ecosystem services (*invited review for Invasive Plant Science and Management, special issue winter 2011*).

CONTRIBUTED PRESENTATIONS

Garbach, K., Eviner, V.T., Martínez-Salinas, A., DeClerck, F. 2010. Spatial patterns and availability of multiple ecosystem services-the effects of live fences in a tropical agricultural ecosystem. Ecological Society of America, Pittsburgh, PA.

Garbach, K. 2010. Farm management influence on resource use in a tropical ranchlands. University of California, Davis Ecology Group Student Symposium. Davis, CA.

Garbach, K. 2009. International capacity building and supporting priorities for ecological conservation. Fulbright Enhancement Summit, U.S. State Department. San Francisco, CA.

Garbach, K., DeClerck, F., Martínez-Salinas, A. 2009. Manejo para múltiples servicios ecosistémicos: contribuciones de las cercas vivas a mantener biodiversidad y brindar servicios productivos *(Management for multiple ecosystem services: contributions of live fences to support bird diversity and farm productivity)*. Turrialba Central Volcanic Biological Corridor Directors Meeting, Turrialba, Costa Rica.

Garbach, K., Merenlender A. 2007. Mitigation in California: framing the problem. Mitigation in California Workshop, Davis, CA.

OUTREACH ACTIVITIES

2010-11	Communicating scientific research: four approaches. Curriculum development and workshops for undergraduate students. Professors for the Future Fellowship, UC Davis.
2009-10	Society for Conservation Biology, UC Davis Chapter, Policy Working Group Co-Chair.
2008-10	Volunteer mentor with Programa del Monitoreo de Aves (*Bird Monitoring Program*). CATIE Center for Tropical Agriculture. Turrialba, Costa Rica.
2007-08	Agricultural Sustainability Institute Steering Committee. Student-elected representative to build undergraduate and graduate research opportunities and involvement.

PROFESSIONAL AFFILIATIONS

The Ecological Society of America
Society for Conservation Biology

LANGUAGES

Spanish, Italian