

ROBIN M. GROSSINGER
Environmental Scientist
Director of the Historical Ecology Program
San Francisco Estuary Institute
7770 Pardee Lane, Oakland, CA 94612
(510) 746-7380; robin@sfei.org

EDUCATION

M.S., Marine Sciences, University of California, Santa Cruz, 1995. Committee: K. Bruland, R. Dasmann, J. Collins.
Bachelor of Arts, Biology, University of California, Santa Cruz, 1991.

EMPLOYMENT

San Francisco Estuary Institute, 1993-present.
Center for the Protection and Restoration of Waters, 1991-92.
University of California at Santa Cruz, Department of Marine Sciences, 1991.

HONORS AND DISTINCTIONS

Work featured in *Landscape Architecture* (June 2004), *McGraw-Hill Encyclopedia of Science and Technology* (under "Historical Ecology," 2003), *ESRI Map Book* (Vol. 15), *New Scientist* (2 June 2001), *The Living Landscape: An Ecological Approach to Landscape Planning* (Steiner, McGraw-Hill, 2000).
Comprehensive Conservation and Management Plan (CCMP) Outstanding Implementation Awards for *Sonoma Valley Historical Ecology Project* (2003) and *History, Maps, and Watersheds* (1999).
"Most Communicative Map" Award for *Ecological Change in the San Francisco Estuary*, International ESRI GIS Conference, 1997.
Dr. Earl H. Myers and Ethel M. Myers Trust Award, 1992.
Chancellor's Fellowship in Marine Sciences, University of California, Santa Cruz, 1991-1992.
David Gaines Memorial Award, 1991.
Long Marine Lab Research Award, 1991.

GRADUATE STUDENT SUPERVISION

Andrew Martin, 2004. *Land-use History and Land Cover Change in the Carquinez Straits, San Francisco Bay, California*. Master's Thesis, San Jose State University.

REVIEWER

Estuaries; Urban Habitats

RESEARCH PUBLICATIONS AND TECHNICAL REPORTS

Grossinger, R. M. and R. A. Askevold 2005. *Baylands and Creeks of South San Francisco Bay*. Oakland Museum of California, Oakland, CA, 1:25,800 scale.
Pearce, S. A. and R. M. Grossinger 2004. Relative effects of fluvial processes and historical land use on channel morphology in three sub-basins, Napa River basin, California, USA. In *Sediment Transfer through the Fluvial System*, International Association of Hydrological Sciences (IAHS) Publication 288.
Collins, J.N. and R.M. Grossinger, 2004. *Synthesis of scientific knowledge concerning estuarine landscapes and related habitats of the South Bay Ecosystem*. Draft Final Technical Report of the South Bay Salt Pond Restoration Project. San Francisco Estuary Institute, Oakland, CA. 91 pp.
Striplen, C., R. Grossinger, and J. Collins, 2004. *Wetland Habitat Changes in the Rodeo Lagoon Watershed, Marin County, CA*. A Technical Report of the Historical Ecology and Wetlands Programs, SFEI Contribution 116, San Francisco Estuary Institute, Oakland CA. 36pp.
Grossinger, R., C. Striplen, E. Brewster, and L. McKee, 2004. *Ecological, Geomorphic, and Land Use History of Carneros Creek watershed: A component of the watershed management plan for the Carneros Creek watershed, Napa County, California. A Technical Report of the Regional Watershed Program*, SFEI Contribution 70, San Francisco Estuary Institute, Oakland CA. 48 pp.
Grossinger, R., C. Striplen, E. Brewster, and L. McKee, 2004. *Ecological, Geomorphic, and Land Use History of Sulphur Creek watershed: A component of the watershed management plan for the Sulphur Creek watershed, Napa County, California. A Technical Report of the Regional Watershed Program*, SFEI Contribution 69, San Francisco Estuary Institute, Oakland CA. 46 pp.

- Grossinger, R. and E. Brewster. 2003. *A Geographic History of the San Lorenzo Creek Watershed: Landscape Patterns Underlying Human Activities*. Prepared for the Alameda County Clean Water Program. A Technical Report of the Regional Watershed Program, SFEI Contribution 85. San Francisco Estuary Institute, Oakland CA. 25pp.
- Dawson, A. and R. Grossinger 2002. *Sonoma Valley Historical Ecology Project, Phase 1 Final Report*. Report to the Sonoma County Water Agency and the SF Estuary Project. 8 pp. plus apps.
- Pearce, S., O'Connor, M., Grossinger, R., and McKee, L. 2002. *Napa River Sediment TMDL Baseline Study: Geomorphic processes and habitat form and function in Soda Creek*. Report to the San Francisco Bay Regional Water Quality Control Board. 100 pp.
- Grossinger, R. 2001. Documenting Local Landscape Change: The Bay Area Historical Ecology Project. In Egan, D. and E. Howell, Eds., *The Historical Ecology Handbook: A Restorationist's Guide to Reference Ecosystems*. Island Press, Washington, D.C.
- Brewster, E. and R. Grossinger 2001. *Land Use Timeline for Crow Canyon and the San Lorenzo Creek Watershed*. Report to the Alameda Countywide Clean Water Program. 6 pp.
- SFEI 2001. (Contributing Author) *Wildcat Creek Landscape Change: A Scientific Study Of Physical Processes and Land Use Effects*. Report to the Contra Costa Cty. Clean Water Program. 112 pp.
- Goals Project 1999. (Contributing Author) *Baylands Ecosystem Habitat Goals*. A report of habitat recommendations prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. USEPA, San Francisco, Calif./S.F. Bay Regional Water Quality Control Board, Oakland, Calif. 295 pp.
- SFEI 1999. (Contributing Author) *Conceptual Models of Freshwater Influences on Tidal Marsh Form and Function, with an Historical Perspective*. Report to the Dept. of Environmental Services, City of San Jose, CA. 237 pp.
- Grossinger, R., J. Alexander, A. Cohen, and J. Collins 1998. *Introduced Tidal Marsh Plants in the San Francisco Estuary, Regional Distribution and Priorities for Control*. Report to the CALFED Steering Committee. 42 pp.
- Grossinger, R., J. Collins, and Z. Der 1998. *Spatial Analysis of the Baylands Ecosystem*. Report to the Bay Area Wetlands Ecosystem Goals Project. 120 pp.
- Collins, J, Z. Der, R. Grossinger, and C. Wong 1998. *Cartographic Analysis of Historical and Modern Bayland Boundaries for Marin County, California*. Report to the Marin County Community Development Agency. 88 pp.
- Grossinger, R. 1995. *Historical Evidence of Freshwater Effects on the Plan Form of Tidal Marshlands in the Golden Gate Estuary*. Masters Thesis, University of California, Santa Cruz. 130 pp.

TALKS and PRESENTATIONS (SELECTED)

- South Bay Salt Pond Restoration Project Sediment Workshop 3: Looking up the Watershed , June 2005: "Changes in Sediment Delivery to the Baylands: A South Bay Watersheds Chronology."
- National Science Panel Meeting, South Bay Salt Pond Restoration Project, June 2005: "Humans in the Landscape: A Historical Perspective from the South Bay."
- A Regional Perspective to Restoring Physical and Ecological Processes in Humboldt Bay Symposium, Humboldt State University, March 2005: "Historical Reconstructions of California Coastal Landscapes."
- CALFED Science Conference, October 2004: "Physical and Ecological Characteristics of the Historical Baylands of South San Francisco Bay."
- Geography Department Commencement Ceremonies, UC Berkeley, Keynote Address, May 2004: "Notes from Places Past and Future."
- Wayne Roderick Lecture Series, East Bay Regional Parks Botanic Garden, February 2004: "Investigations into the Changing Bay Area Landscape."
- Making Science Work for Suisun Marsh Workshop, March 2004: "What Does the History of Suisun Marsh Tell Us About Its Future Management?"
- South Bay Salt Pond Restoration Science Strategy Team, with Josh Collins, March 2004: "South Bay Landscape Perspective: Focus on Marshland."
- SF Bay Regional Water Quality Control Board Staff Training, March 2004: "Analysis of Historical Conditions and Change-through-Time: methods to answer regulatory and management questions."
- South Bay Salt Pond Habitat Restoration Work Group, March 2004: "South Bay Restoration: What Can We Learn from History?"
- CALFED Science Conference, January 2003: "Landscape Change in the Napa River Watershed, 1800-2002: Implications for the Restoration of In-Stream, Floodplain and Valley Floor Habitat."
- Reproduction Redux: The Nature of Photography and the Digital Age, Townsend Center for the Humanities, University of California at Berkeley, February 2002: "Reflective Landscapes."
- SFMOMA/Yerba Buena Center for the Arts, Liaison: Actions between Site and Public, Sept. 2001: "Sand: A live graphic story of the landscape history of a shoreline in West Berkeley."
- Oakland Museum of California, Beneath Our Feet Conference, November 2000: "The Early East Bay Landscape."

Arizona State University Greater Phoenix 2100/Long-Term Ecological Research Program, November 2000: "Environmental Restoration vs. Environmental Band-Aids."
American Society for Environmental History Conference, March 2000: "The Way It Was: Mythology, Memory, and Maps of the Early San Francisco Bay Area."
Society for Ecological Restoration Conference, September 1999: "What Did This Place Used to Look Like, Anyways? An Example of Historical Ecology Research from the San Francisco Bay Area."
American Academy in Rome, with Elise Brewster, March 1998: "Mapping the San Francisco Estuary: Views of Past and Present."
UC Berkeley, Environmental Sciences 125, Guest Lecture, 1996-2005: "The Bay Area Historical Landscape."

ESSAYS AND GRAPHIC STORIES

"Once and Future Bay: Lessons from History for Revitalizing the Bay," with Peter Baye, *Bay Nature*, October 2004.
"BayBoards: turning billboards into signposts of a changing landscape," with Elise Brewster and Susan Schwartzberg, *Bay Nature*, January 2004.
"Up Close and Faraway," Graphic story composed of maps and photographs of the Ideal Cement Factory, Redwood City, and SF, w/ Christine Reed for the *Aero Foto* exhibit, Aug. 2002.
"From the Great Sand Bank to the Great Highway," Graphic story composed of maps and photographs of Ocean Beach and SF Airport, w/ C. Reed for the *Aero Foto* exhibit, Aug. 2002.
"Partial Truths; Complete Misconceptions; Out & Out Lies: A Conversation between Rick Prelinger and Robin Grossinger," *The Independent Film and Video Monthly* Experimental Filmmaking 2002, July/August 2002.
"Sand; In Search of a Lost Laguna; Resurvey," *The Mississippi Review Online*, Winter 2001-02 (<http://orca.st.usm.edu/mrw/index.htm>)
"Bay Timewarp," in *Back to the Bay* (Exhibit Catalog), Yerba Buena Center for the Arts, 2001.
"Resurvey," *Bay Nature*, October 2001.
"In Search of a Lost Laguna," *Bay Nature*, July 2001.
"Sand," *Bay Nature*, April 2001.
"Seeing Time: A Historical Approach to Restoration," *Ecological Restoration* 17(4), 1999.
"Destroyed Points of Interest," *Cometbus*, #40, 1997.
"Sausal: Discovering the Early Bay Area Landscape," *Yes! A Journal of Positive Futures*, Jan. 1997.
"Timewarpacorn," Panel for the Oakland Waterfront Exhibit, Oakland Museum, 1996.
"The Land Beneath the City," *Annals of Earth*, Vol.12:2, 1994, and *Cometbus*, #34, 1996.

EXHIBITS AND PUBLIC EVENTS

BayBoards: Forgotten Landscapes Reappear on Commercial Billboards. Public art on billboards/bus shelters and Oakland, El Cerrito, and San Francisco, with exhibits at the Lawrence Hall of Science and San Francisco Public Library. With the artists Elise Brewster and Susan Schwartzberg, January--June 2004. www.stillhere.org.
Seeing What the Land Remembers: Geography, Ecology, and the History of Place. An interdisciplinary discussion panel at UC Berkeley's Townsend Center for the Humanities. 12 September 2002.
Aero Foto: Surveying the Bay through Time with George E. Russell. An exhibition by the art/science team Stillhere. Curated by Jeannene Przyblyski for the SF Bureau of Urban Secrets Doreen B. Townsend Center for the Humanities, UC Berkeley, Aug. 28-October 21, 2002. Sponsored by SFEI, CA State Lands Commission, The Bancroft Library, and UC Berkeley Consortium for the Arts, with the support of the Berkeley Art Museum.
Back to the Bay: An Exploration of the Marginal Zones of the San Francisco Bay. Exhibit at the Yerba Buena Center for the Arts. Stillhere and Center for Land Use Interpretation, 25 Aug.-12 Oct. 2001.

ROBIN M. GROSSINGER
Environmental Scientist
Director of the Historical Ecology Program
San Francisco Estuary Institute
7770 Pardee Lane, Oakland, CA 94612
(510) 746-7380; robin@sfei.org

Robin Grossinger is an environmental scientist at the San Francisco Estuary Institute, where he leads interdisciplinary investigations into the transformation of California landscapes since European contact. Mr. Grossinger received his M.S. in Marine Sciences at the University of California at Santa Cruz in 1995, with research on the accuracy of early maps of the Bay and their use to determine the natural structure and function of tidal marsh systems. Mr. Grossinger directs SFEI's Historical Ecology Program and is author or co-author of a range of technical publications, including the chapter "Documenting Local Landscape Change," in the *Historical Ecology Handbook*. He directs or advises regional historical ecology projects to support environmental planning throughout the Bay Area and coastal California. Robin has also developed popular presentations of ecological history for museum exhibits and public art, including the recent *BayBoards*, an art/science campaign using billboards to reveal the hidden history and persistence of local landscapes.

The work of Robin and his colleagues to visualize landscape history has received awards in the realms of map design and local education and has been featured in *New Scientist*, *Landscape Journal*, *The San Francisco Chronicle*, *McGraw-Hill Encyclopedia of Science and Technology*, *ESRI Map Book*, and *The Living Landscape: An Ecological Approach to Landscape Planning* (McGraw-Hill, 2000). Interviews have appeared on KQED's Forum, KPFA's *Morning Show*, and the Lawrence Hall of Science *Forces That Shape the Bay* Audio Tour. He gave the 2004 keynote address for the UC Berkeley Geography Department commencement ceremonies.