



J. LETITIA GRENIER

Program Director and Senior Scientist
San Francisco Estuary Institute
letitia@SFEI.org

Letitia Grenier is a senior scientist with strong leadership, communication, and technical skills managing innovative teams that develop solutions to complex, large-scale ecological problems. Technical background in conservation biology with two decades of experience studying and monitoring the wetland and aquatic ecosystems of the San Francisco Estuary and their wildlife. Particular expertise in tidal marsh ecology and food webs; ecological assessment of wetlands and riparian areas; mercury bioaccumulation; and applied scientific answers for environmental managers. Proven success leading collaborative projects involving a diversity of organizations, including federal, state and local government as well as NGOs. Excellent oral presentation and writing skills for both scientific and general audiences.

Professional Experience

2015- *San Francisco Estuary Institute, Richmond, CA*

present **Resilient Landscapes Program Manager and Senior Scientist.** Lead team of scientists to envision large- scale solutions to environmental problems by applying interdisciplinary approaches across the fields of ecology, geomorphology, hydrology, and chemistry. Focus on translation of science through excellent written and visual communication. Assemble advisory teams to guide and improve scientific outcomes. Translate scientific results into management decision options. Communicate findings and develop collaborations at regional and national meetings and workshops. Raise grant money and complete contracts on time and within budget.

2012- *Letitia Grenier Consulting, Oakland, CA*

2015 **Sole Proprietor.** Lead large, collaborative projects coordinating and synthesizing science for communication to decision-makers. Manage subcontractors and other collaborators to produce reports and other communication tools to translate scientific knowledge into actionable information. Answer to science review panels and steering committees to produce technically accurate, cutting-edge science products that provide value to regulators, land managers, and restoration practitioners. Partner with federal, state, and local government entities, as well as NGOs and academic organizations to collaborate on science and communication across different missions and disciplines.

2004- *San Francisco Estuary Institute, Richmond, CA*

2012 **Conservation Biology Program Manager and Scientist.** Conduct research and manage projects in estuarine science, particularly in the areas of tidal marsh ecology, wetlands assessment, and food-web contamination. Manage a team to successfully complete projects on time and within budget.

Education

Ph.D. Environmental Science, Policy and Management. University of California, Berkeley.

B.A. Biology and Film/Video. Middlebury College, Vermont.

Publications

- Beller, EE, EN Spotswood, AH Robinson, MG Anderson, ES Higgs, R Hobbs, K Suding, E Zavaleta, JL Grenier, R Grossinger. 2019. Building Ecological Resilience in Highly Modified Landscapes. *BioScience* 69:80–92. 10.1093/biosci/biy117.
- Spotswood, E, R Grossinger, S Hagerty, E Beller, A Robinson, L Grenier. 2019. The Oaks of Silicon Valley from the 1850s to Today. *International Oaks* 30:85–92
- Grenier, JL. 2016. Which Way to the Brave New Baylands? *San Francisco Estuary and Watershed Science* 14(1) <https://escholarship.org/uc/item/7474m4ss>.
- Cloern, JE, P Barnard, E Beller, J Callaway, JL Grenier, ED Grosholz, R Grossinger, K Hieb, JT Hollibaugh, N Knowles, M Sutula, S Veloz, K Wasson, A Whipple. 2016. Estuaries: Life on the Edge. Pages 359–388 in H Mooney and E Zavaleta, editors. *Ecosystems of California*. University of California Press, Oakland, CA. [10.1525/9780520962170-023](https://doi.org/10.1525/9780520962170-023).
- Cloern, JE, A Robinson, A Richey, L Grenier, R Grossinger, KE Boyer, J Burau, EA Canuel, JF DeGeorge, JZ Drexler, C Enright, ER Howe, R Kneib, A Mueller-Solger, RJ Naiman, JL Pinckney, D Schoellhamer, C Simenstad. 2016. Primary Production in the Delta, Then and Now. *San Francisco Estuary and Watershed Science* 14(3) <https://escholarship.org/uc/item/8fq0n5gx>.
- Wiens, J, L Grenier, R Grossinger, M Healey. 2016. The Delta as Changing Landscapes. *San Francisco Estuary and Watershed Science* 14(2) <https://doi.org/10.15447/sfews.2016v14iss2art9>.
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- Davis, JA, RE Looker, D Yee, MM Di Pasquale, JL Grenier, CM Austin, LJ McKee, BK Greenfield, R Brodberg, JD Blum. 2012. Reducing methylmercury accumulation in the food webs of San Francisco Bay and its local watersheds. *Environmental Research* 119:3–26.
- Robinson, A, AN Cohen, B Lindsey, L Grenier. 2012. Invertebrates: A Case Study of China Camp State Park, Marin County. Pages 147–160 in A Palaima, editor. *Ecology, Conservation, and Restoration of Tidal Marshes: The San Francisco Estuary*. University of California Press, Berkeley, CA.
- Robinson, AH, AN Cohen, B Lindsey, JL Grenier. 2011. Distribution of Macroinvertebrates across a Tidal Gradient, Marin County, CA. *San Francisco Estuary and Watershed Science* 9(3).
- Grenier, JL, JA Davis. 2010. Water Quality in South San Francisco Bay, California: Current Condition and Potential Issues for the South Bay Salt Pond Restoration Project. *Reviews of Environmental Contamination and Toxicology* 206:115–147.
- Stein, E, AW Fetscher, RP Clark, A Wiskind, JL Grenier, M Sutula, JN Collins, C Grosso. 2009. Validation of a wetlands rapid assessment method: Application of EPA's level 1-2-3 framework for method testing and refinement. *Wetlands* 29:648–665.
- Melwani, AR, SN Bezalel, JA Hunt, JL Grenier, G Ichikawa, W Heim, A Bonnema, C Foe, DG Slotton, JA Davis. 2009. Spatial trends and impairment assessment of mercury in sport fish in the Sacramento-San Joaquin Delta watershed, *Environmental Pollution* 157:3137–3149.
- Grenier, JL, R Greenberg. 2006. Trophic adaptations in sparrows and other vertebrates of tidal marshes. (Invited paper for the Vertebrates of Tidal Marshes Symposium, Patuxent Wildlife Research Center, Maryland, 2002). *Studies in Avian Biology* 32:130–139.
- Takekawa, JY, I Woo, H Spautz, N Nur, JL Grenier, K Malamud-Roam, JC Nordby, AN Cohen, F Malamud-Roam, SE Wainwright-De La Cruz. 2006. Environmental threats to tidal marsh vertebrates of the San Francisco Bay Estuary. *Studies in Avian Biology* 32:176–197.