

ALAMEDA COUNTY
**WATERSHED
CONFLUENCE**

2018



Sharing Ideas

SHAPING THE FUTURE

October 17, 2018

ACKNOWLEDGEMENTS



HOST AGENCY

Thank you to our host agency, the Alameda County Flood Control and Water Conservation District

CONFLUENCE COMMITTEE MEMBERS

Special thanks to our Confluence Committee members, who have dedicated many hours over the past year to put together today's event:

Cynthia Butler	Leslie Perry
Sharon Gosselin	Elke Rank
Rachelle Hedges	Dina Robertson
Ian Howell	Gwen Santos
Ralph Johnson	Carla Schultheis
Bruce King	Barbara Silva
Peter Mangarella	

VOLUNTEERS

Thank you to everyone who has given their time to help plan the Alameda County Watershed Confluence, including those who participated in the Stakeholder Meeting in June 2017 and those who have been active on sub-committees.

MC & PRESENTERS

Thank you to our Master of Ceremonies, Michael Gregory, and to all of our presenters and poster session participants for their contributions.

SPONSORS

Thank you to our generous sponsors for their tremendous support of today's program. See back cover for the full list of sponsors.

CONFLUENCE AGENDA

ALAMEDA COUNTY WATERSHED CONFLUENCE

Oakland Scottish Rite Center Ballroom

8:00-9:00^{AM} REGISTRATION, COFFEE, POSTER SESSION & NETWORKING

9:00-9:25^{AM} WELCOME & OPENING REMARKS

Michael Gregory (MC), Board President Friends of San Leandro Creek

EXPLORE WATERSHEDS MAP TOOL

- Explore Watersheds Google Maps Tool – *John Niles, Fugro USA Land, Inc.*
- Explore Watersheds Website & Watershed Information Pages” – *Cynthia Butler, Alameda County Resource Conservation District*

9:25-10:10^{AM} HISTORY & DEVELOPMENT OF ALAMEDA COUNTY WATERSHEDS

- Geology of Alameda County Watersheds – *John Niles, Fugro USA Land, Inc.*
- Alameda County Historical Ecology: A Journey of Transformation through the East Bay – *Robin Grossinger, SFEI*

10:10-10:30^{AM} MORNING BREAK & POSTER SESSION

10:30-12:00^{PM} MANAGEMENT

- Understanding the complexity of planning, management and land ownership in Alameda County Watersheds – *Michael Gregory, Board President, Friends of San Leandro Creek*

PRESENTATIONS

- Preparing for the Storm: Riparian Restoration, Sediment Reuse, and Urban Greening to Enhance Stream and Watershed Resilience – *Tami Church, Zone 7 Water Agency*
- Infiltrating the Conversation: Changing Green Infrastructure Policy and Practices in Oakland – *Terri Fashing and Kristin Hathaway, City of Oakland*

CONFLUENCE AGENDA

10:30-12:00PM MANAGEMENT, CONTINUED

- Managing Watershed Lands for Resilience in the Sunol Regional Wilderness – *Dina Robertson, AECOM, Robin Dakin, San Francisco Public Utilities Commission, and Ian Howell, Alameda County Resource Conservation District*
- Homeless Debris Management Along Creeks – *Val Blakely, City of Fremont*

PANEL Q & A

12:00-12:15PM: AWARDS

12:15-1:15PM: LUNCH

1:15-2:40PM: SCIENCE

PRESENTATIONS

- Citizen Science from Classroom to the Community – Monitoring the Fate of Government Projects – *Mark Rauzon, Laney College / Friends of Sausal Creek*
- Plant Pathogens Taking Root: Reframing Stewardship and Habitat Restoration Practices When Confronted with *Phytophthora* Introductions – *Mia Ingolia, San Francisco Public Utilities Commission*
- Management Implications for Small Urban Reservoirs Based on a Multi-Year Study of Three Alameda County Watershed-Reservoir Pairs – *Kristina Faul, Mills College*

PANEL Q & A

2:40-3:00PM: AFTERNOON BREAK & POSTER SESSION

CONFLUENCE AGENDA

3:00-4:30PM: COLLABORATION

COMMUNITY GROUP RECOGNITION

Showcasing the community groups working to improve creek and watershed health in Alameda County with flash presentations from:

- Alameda Creek Alliance – *Ralph Boniello, Volunteer and Restoration Coordinator*
- Friends of Five Creeks – *Susan Schwartz, President*
- Friends of San Leandro Creek – *Susan Levenson, Watershed Awareness Coordinator*
- Friends of San Lorenzo Creek – *Bruce King, Director*
- Friends of San Francisco Estuary – *Darcie Luce, Environmental Planner*
- Friends of Sausal Creek – *Carl Kohnert, Board Member*

PRESENTATIONS

- Gaining Momentum for Alameda Creek Restoration – *Jeff Miller, Alameda Creek Alliance*
- Public/Non-profit Partnerships: Getting Work Done in the Age of Declining Budgets – *Kristin Hathaway, City of Oakland, Jeff Stephens, Friends of Sausal Creek*
- San Leandro Creek Design and Construction; Towards a Confluence of Good Will – *Robin Freeman, The David R. Brower, Ronald V. Dellums Institute for Sustainable Policy Studies and Action*

PANEL Q & A

4:30-4:45PM: CLOSING COMMENTS

Michael Gregory (MC), Board President Friends of San Leandro Creek

4:45-6:30PM: NETWORKING EVENT

BEVERAGES AND LIGHT APPETIZERS

SPEAKER BIOGRAPHIES

VAL BLAKELY is an Environmental Specialist with the City of Fremont Environmental Services Division. He has been with the City of Fremont for almost 15 years working in various programs to protect the waterways through environmental enforcement and the most recent work of the management of debris impact as a result of homeless encampments.

CYNTHIA BUTLER works for the Alameda County Resource Conservation District and has worked closely with the Alameda County Flood Control and Water Conservation District to coordinate their Clean Water Outreach Program for over 10 years. Cynthia is the project manager for the ACFC&WCD's Watershed Map Project.

TAMI CHURCH is a Water Resources Planner with 8 years of experience in watershed ecology in the private sector and 5 years of experience working in local government at the Zone 7 Water Agency. Sandwiched in between, was her Master's Degree in Environmental Planning from UC Berkeley.

ROBIN DAKIN is a wildlife biologist with 25 years of experience working in the San Francisco Bay Area. She currently works for the San Francisco Public Utilities Commission's Natural Resources and Land Management Division in Sunol, on fisheries and ecological restoration projects.

TERRI FASHING is a Watershed Program Specialist in the City's Watershed Program. She's worked for the City for one year on creek restoration and stormwater protection projects. Before that she spent more than 10 years managing the Marin County Stormwater Pollution Prevention Program.

SPEAKER BIOGRAPHIES

KRISTINA FAUL (speaker) and **LAURA RADEMACHER**, professors at Mills College and University of the Pacific, respectively, have been collaborating on this research project for the past several years. Kristina is a paleoceanographer who studies nutrient and metal cycling in the oceans on various timescales, and Laura is a hydrologist who studies water in the critical zone.

ROBIN FREEMAN is Co-Director of the Institute and emeritus Chair of the Merritt College Environmental Management and Technology Program. He has served on City, County, and NGO Boards and Commissions. He researches the environmental and human nature of decision making.

MICHAEL GREGORY is an administrator for the American Red Cross Blood Services Northern California Region. He served as City Councilmember, District 1, for the City of San Leandro 2007-2014; Vice Mayor from 2010-2012. His city assignments included finance, disaster planning and city/school district liaison committees. Intergovernmental assignments included Alameda County Fire Commission, Association of Bay Area Governments, Alameda County Transportation Commission, and AC Transit Bus Rapid Transit Policy Steering Committee. He served as an Executive Board member of the East Bay Economic Development Alliance. He's a current member of the American Red Cross Alameda County Leadership Council, Policy Advisory Committee/East Bay Regional Parks and President, Friends of the San Leandro Creek.

ROBIN GROSSINGER is a Senior Scientist at the San Francisco Estuary Institute, where he co-directs SFEI's Resilient Landscapes program. For over twenty years, Robin has analyzed how California landscapes have changed since European contact, using these data to guide landscape-scale restoration strategies. Robin leads efforts throughout the state to reintegrate natural processes within our highly modified landscapes, creating healthier and more adaptive neighborhoods, cities, and surrounding

SPEAKER BIOGRAPHIES

landscapes. He has helped develop restoration strategies for San Francisco Bay, the Sacramento-San Joaquin Delta, urban landscapes such as the Google campus, and rivers throughout California.

KRISTIN HATHAWAY is the City of Oakland Public Works Watershed Program Supervisor. Kristin has worked on creek restoration and stormwater protection projects for the City's Watersheds, Creeks, and Stormwater Program for more than 20 years.

IAN HOWELL has supported voluntary restoration and enhancement projects at the Alameda County Resource Conservation District for nearly five years. He coordinates the Alameda Creek Watershed Forum and collaborates with public agency partners and private agricultural producers on habitat and land management topics.

MIA INGOLIA is a biologist with the San Francisco Public Utilities Commission. She has more than 15 years of experience as a plant ecologist with an extensive history of working with special-status plant species, native seed collection, invasive species management, and GIS. Mia's recent work has focused on managing the SFPUC's Phytophthora impacts response, directing the USDA Forest Service Research Partnership, serving as lead planner for the development of the Alameda Watershed Native Plant Nursery, developing the Alameda Watershed Habitat Conservation Plan (AWHCP), and coordinating planning and compliance efforts for a wide variety of conservation and habitat restoration projects across watershed lands.

JEFF MILLER is the founder of the Alameda Creek Alliance and has served as Executive Director since 1997. Jeff also works with the Center for Biological Diversity on media, outreach, writing endangered species listing petitions, and working on biodiversity issues and endangered species protection throughout California

SPEAKER BIOGRAPHIES

JOHN NILES is a California native and has been a resident of the Bay Area for the past 20 years. He has a MS in Geology from San Francisco State University and has been a geologist with Fugro for just under two years.

MARK JAMES RAUZON is a tenured geography professor at Laney College, Oakland. He is the award-winning author of over 20 nonfiction science books for children including the best-selling *Water, Water, Everywhere* (Sierra Club Jr. Books); now 23 years in print. A founding and current board member of the Friends of Sausal Creek, an Oakland-based community creek advocacy that is 21 years old. Rauzon designed the cormorant platforms that successfully attracted birds to the New Bay Bridge.

DINA ROBERTSON is a consulting ecologist with a focus and passion for assisting land managers steward natural lands in California. She grew up in the Livermore Valley and has worked extensively in undeveloped lands of Alameda County, assisting clients navigate through complex environmental regulations, as well as providing technical expertise in vegetation, wildlife and rangeland ecology. She works for AECOM Technical Services, Inc., based in Oakland, CA.

JEFF STEPHENS is a board member and treasurer of the Friends of Sausal Creek. He is a business communications and sustainability professional with a degree in Natural Resources. Jeff is actively helping FOSC broaden its stakeholder outreach and funding base.

AWARD RECIPIENTS

Watershed Leadership Visionary Award

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THE ALAMEDA CREEK ALLIANCE

Watershed Leadership Award

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THE FRIENDS OF SAUSAL CREEK

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