



Annual Project Report Accomplishments: Key Outcomes and Other Achievements

FloodRISE Engagement Outputs (within field sites): Presentations and Consultations (in chronological order, according to status)

Presentation or Consultation	Lead FloodRISE Presenter(s)	Date/Location and Event Host/Purpose
Year 1		
Title: An Evening on the Southern California Coast	Brett Sanders and Richard Matthew	May 2014: Irvine, CA: Presentation for “Towards a Sustainable 21st Century Series” (Newkirk Center for Science and Society) https://www.youtube.com/watch?v=9Raj43SF-dQ&list=UU1W_5r60fAccKmMwzu79Vdw&index=2
Year 2		
Topic: Overview of FloodRISE Research	Richard Matthew, Vickie Basolo, Amir AghaKouchak, Dave Feldman, Doug Houston, Wing Cheung, and Adam Luke	January 2015: Irvine, CA: Briefing for visiting scholar Paul Bates
Topic: Street-Level Flood Risk Modeling in Newport Beach	Brett Sanders and Richard Matthew	February 2015: Irvine, CA: Orange County Regional Sea Level Rise and Coastal Impacts Workshop
Topic: Overview of FloodRISE Project	Kimberly Serrano	March 2015: Tijuana River Valley, CA: One Watershed, One Future: Climate Change in Baja California meeting
Title: FloodRISE: An Interdisciplinary Approach to Leverage Technology for Resilience	Beth Karlin	March 2015: Newport Beach, CA: iConference
Topic: Flood Resilience Through Street-Level Modeling	Brett Sanders and Dave Feldman	May 2015: Irvine, CA: Oceans UCI Conference
Title: FloodRISE: Collaborating for Flood Resilience	Kimberly Serrano, Dani Boudreau, Kristen Goodrich, and Ana Eguiarte	May 2015: Irvine, CA: Presentation to undergraduate course, Foundations of Community Health





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Topic: Overview of FloodRISE Research	Brett Sanders, Doug Houston, Dave Feldman, Amir AghaKouchak, Abby Reyes, and Kimberly Serrano	May 2015: Irvine, CA: Briefing for NSF Director of Engineering Program
Topic: Overview of FloodRISE Activities in Tijuana River Estuary	Dave Feldman and Adam Luke	June 2015: San Diego, CA: Tijuana River Valley Recovery Team Steering Committee Meeting
Title: FloodRISE: Collaborating for Flood Resilience	Kimberly Serrano	June 2015: San Diego, CA: Tijuana River National Estuarine Research Reserve Saturday Speaker Series
Topic: Overview of FloodRISE Modeling	Brett Sanders, Amir AghaKouchak, Adam Luke, and Jochen Schubert	June 2015: Irvine, CA: Briefing for National Weather Service Leadership Team including Director or NWS, Director of Water Center, Director of Communications
Topic: Preparing for Climate-Related Coastal Hazards via Available Information and Tools for Scenario Analysis and Planning	Brett Sanders	July 2015: Irvine, CA: Fostering Climate Resilient Coastal Communities Workshop
Year 3		
Topic: Overview of FloodRISE Modeling Activities	Brett Sanders, Jochen Schubert, and Kimberly Serrano	September 2015: Orange County, CA: Briefing with Orange County Office of Emergency Management staff
Title: Communicating flood risk with street level data	Brett Sanders	October 2015: Orange County, CA: Presentation to the American Society of Civil Engineers (ASCE) Orange County Hydraulics and Hydrology Technical Group
Topic: Overview of Newport Beach Modeling Activities	Jochen Schubert	October 2015: Irvine, CA: Orange County Society for Conservation Biology: Conservation Café
Panel Title: Apocalypse Now?	Brett Sanders, Amir AghaKouchak, Hamed Moftakhari, Adam Luke, and Richard Matthew	October 2015: Irvine, CA: Who Cares? Workshop on the Economies, Technologies and Ethics of Aid
Topic: Overview of FloodRISE Activities in Tijuana	Kimberly Serrano and Ana Eguarte	November 2015: Tijuana, MX: Briefing for Los Laureles Community Council
Topic: Sea Level Rise Visualization Resources for Orange County Coastal Communities	Kimberly Serrano	January 2016: Orange County, CA: Orange County Sea Level Rise and Coastal Impacts Webinar





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Title: Flood Hazard Mapping in Newport Bay and the Impacts of El Niño	Jochen Schubert	January 2016: Newport Beach, CA: Newport Bay Conservancy Winter Symposium: Climate Change, a “Godzilla El Niño” and their Impacts on Oceans and Estuaries
Topic: Overview of FloodRISE Project	Brett Sanders, Richard Matthew, Kimberly Serrano, Kristen Goodrich, and Ana Eguiarte	March 2016: Tijuana, MX: Briefing with Staff at Protección Civil and Implan, and Briefing with COLEF Researchers
Topic: Overview of FloodRISE Activities	Abby Reyes, Kimberly Serrano, and Adam Luke	March 2016: Irvine, CA: Osher Lifelong Learning Institute (OLLI)
Title: Preparing for Sea Level Rise: In Action or Inaction?	Kimberly Serrano and Abby Reyes	April 2016: Mission Viejo, CA: Climate and Coastal Water Protection Forum
Title: Trash Talks: A Waste of Time?	Kristen Goodrich, Ana Eguiarte, and Kimberly Serrano	May 2016: Irvine, CA: Presentation to undergraduate course, Foundations of Community Health
Topic: Samueli School Water Research	Brett Sanders	May 2016: Irvine, CA: Presentation to the Henry Samueli School of Engineering Executive Advisory Board
Topic: Overview of FloodRISE Research in Newport Beach	Brett Sanders	July 2016: Irvine, CA: Briefing for Mayor Diane Dixon, City of Newport Beach
Topic: Lessons Learned from FloodRISE Focus Groups	Brett Sanders, Adam Luke, Dave Feldman, and Kristen Goodrich	July 2016: Irvine, CA: Fostering Climate Resilient Coastal Communities Workshop
Year 4		
Title: FloodRISE project update	Dani Boudreau and Ana Eguiarte	June 2016: Los Laureles Council Board
Title: Mapping Flood Risk in Los Laureles	Dani Boudreau and Ana Eguiarte	August 2016: Tijuana Innovadora Binational Working Group
Title: New Technologies for Flood Modeling	Jochen Schubert	September 2016: Presentation to the Belmont Forum DELTAS Workshop
Title: Working Outside Your Comfort Zone: Inspiring Hope with Diverse Partners	Dani Boudreau and Ana Eguiarte	September 2016: Long Beach, CA: California Adaptation Forum
Title: Building Resilience Before a Major Flood	Kristen Goodrich	September 2016: Tijuana, Mexico: Protección Civil Tijuana’s National Week of Preparedness
Title: Coastal Resilience in the Face of Sea Level Rise and Stronger Storms	Brett Sanders, David Feldman, and Richard Matthew	November 2016: Newport Beach, CA: Presentation at Environmental Nature Center



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Title: Embracing Uncertainty: Climate Scenario Planning	Dani Boudreau and Ana Eguiarte	January 2017: Presentation to Tijuana River Valley Recovery Team
Title: Data Collection for Context-Sensitive Flood Modeling	Jochen Schubert	January 2017: Santa Ana, CA: Presentation at Santa Ana College
Title: Context-Sensitive Flood Modeling to Meet End-User Needs for Disaster Risk Reduction	Prepared by Jochen Schubert; presented by James Orbinski	February 2017: Zomba, Mawawi
Title: Regional Resilience: Overview of Sea Level Rise Planning & Tools	Dani Boudreau and Ana Eguiarte	March 2017: US Navy Technical Forum
Title: Teachers on the Estuary	Dani Boudreau and Ana Eguiarte	May 2017: TRNERR Annual Teacher Training

FloodRISE Engagement Outputs (beyond field sites): Conference Presentations and Posters (in chronological order)

Conference Presentation or Poster	Lead FloodRISE Presenter(s)	Date/Location and Conference Name
Year 1		
Topic: How Environmental Modeling Plays a Role in Decision Making	Brett Sanders	February 2014: Washington DC: Interagency Steering Committee on Multimedia Environmental Modeling (ISCMEM)
Title: Flood Resilient Infrastructure and Sustainable Environments (RISE) Project	Kristen Goodrich and Santina Contreras	April 2014: Texas A&M: Planning for Disaster Resilience Symposium May 2014: Los Angeles, CA: Southern California Municipal Water District Eco-Innovators Showcase June 2014: New York: Association of Environmental Studies and Sciences (AEISS) Annual Conference
Year 2		
Title: Assessing Community Flood Awareness with Volunteered Geographic Information	Wing Cheung	November 2014: Redlands, CA: 2014 ESRI Ocean GIS Forum http://proceedings.esri.com/library/userconf/oceans14/index.html
Title: FloodRISE: An Interdisciplinary Approach to Leverage Technology for Resilience	Beth Karlin	December 2014: Washington, DC: Behavior Energy Climate Change (BECC) Conference
Title: Engaged Scholarship as an Alternative to Public-Private Partnerships	Beth Karlin and Kristen Goodrich	February 2015: New Orleans, LA: International Studies Association Conference





Conference Presentation or Poster	Lead FloodRISE Presenter(s)	Date/Location and Conference Name
Title: Role of Participatory Mapping in Citizen Science: Challenges and Opportunities	Wing Cheung	February 2015: San Jose, CA: Citizen Science Association Conference http://f1000research.com/posters/1097604
Title: Communicating Flood Risk for More Resilient Communities	Kristen Goodrich and Beth Karlin	February 2015: Long Beach, CA: Society for Personality and Social Psychology (sustainability pre-conference, datablitz)
Title: FloodRISE: An interdisciplinary, community-based approach to managing uncertainty	Kimberly Serrano and Dani Boudreau	June 2015: San Diego, CA: Association of Environmental Studies and Science (AESS) Annual Conference
Title: Can fine resolution urban flood models increase spatial awareness of flood risk? Results of a household survey in Newport Beach, California	Brett Sanders and Adam Luke	July 2015: The Hague, Netherlands: 36th International Association for Hydro-Environment Engineering and Research (IAHR) World Congress
Title: Flood hazard mapping in the coastal zone: Accounting for multiple drivers of flood risk	Adam Luke	July 2015: The Hague, Netherlands: 36th International Association for Hydro-Environment Engineering and Research (IAHR) World Congress
Year 3		
Title: Sea level rise and nuisance flooding: Planning for the future	Amir AghaKouchak	November 2015: Association of Climate Change Officers (ACCO) Rising Seas Summit
Title: A probabilistic framework for estimating flood risk under combined effect of flood drivers	Hamed Moftakhari	November 2015: Portland, OR: Coastal and Estuarine Research Federation (CERF), 23rd Biennial Conference
Title: The challenge of communicating flood risk	Richard Matthew	December 2015: San Francisco, CA: American Geophysical Union (AGU) Fall Meeting https://agu.confex.com/agu/fm15/meetingapp.cgi/Paper/60609
Title: Communicating flood risk with street level data	Brett Sanders	December 2015: San Francisco, CA: American Geophysical Union (AGU) Fall Meeting https://agu.confex.com/agu/fm15/meetingapp.cgi/Paper/61429
Title: Sea level rise increases the frequency of nuisance flooding in coastal regions	Hamed Moftakhari	December 2015: San Francisco, CA: American Geophysical Union (AGU) Fall Meeting
Title: A cross national investigation of flood risk perceptions and hazard preparedness in two urban communities	Vickie Basolo	March 2016: Urban Affairs Association Annual Conference https://docs.google.com/document/d/1w5vrffnicQiqj07LkTtENYw_LMnnJQ8rpugi3CTdijo8/edit



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Title: Urban erosion: Attitudes and knowledge about environmental hazards in Tijuana, Mexico	Kristen Goodrich and Ana Eguiarte	March 2016: Urban Affairs Association Annual Conference https://docs.google.com/document/d/1w5vrffnicQj07LkTENYw_LMnnJQ8rpugi3cTdiJo8/edit
Title: Coproduction of flood hazard assessment with public participation geographic information system	Wing Cheung	March 2016: Association of American Geographers (AAG) http://meridian.aag.org/callforpapers/program/AbstractDetail.cfm?AbstractID=69267
Title: Making coastal flood hazard maps to support decision-making: What end users want	Jochen Schubert	March 2016: Association of American Geographers (AAG) http://meridian.aag.org/callforpapers/program/AbstractDetail.cfm?AbstractID=70000
Title: Co-development of coastal flood models: Making the leap from expert analysis to decision support	Brett Sanders	July 2016: Liege, Belgium: 4th International Association for Hydro-Environment Engineering and Research (IAHR) Europe Congress http://www.iahr2016.ulg.ac.be/content/keynote-speakers
Year 4		
Title: Embracing Uncertainty: Climate Scenario Planning for Restoration	Dani Boudreau and Ana Eguiarte	October 2016: CA Natural Areas Conference
Title: Estimating flood risk along the coasts of United States considering compounding effects of multiple flood drivers	Hamed Moftakhari	December 2016: San Francisco, CA: American Geophysical Union (AGU) Fall Meeting
Title: Going Beyond the Flood Insurance Rate Map: The Reception of 2D Map Data in Southern and Baja California	Adam Luke	May 2017: Sacramento, CA: World Environmental and Water Resources Congress
Title: Interactive Flood Hazard Viewers for Newport Beach and Tijuana River Valley	Jochen Schubert	May 2017: Irvine, CA: Headwaters to Ocean (H2O) Conference

