

Science and Natural Resources Symposium

April 23, 2013

Agenda

*Room assignments for particular themes may change based on expected attendance, please check www.sfnps.org/science_symposia for the latest agenda.

Last updated: 3/18/13

Time		Ventana Room*	Hawthorn Room*
8:30 – 9:15	Check in		
9:15 – 9:30		Welcome <i>Daniel George, Inventory & Monitoring Program Manager, NPS</i>	
9:30 – 10:00		Plenary <i>Michael Boland, Chief Planning, Projects & Programs Officer, The Presidio Trust</i>	
10:00 – 10:15	Break out to separate rooms		
Theme		Restoration and Stewardship (<i>Research to inform restoration</i>)	Wildlife Management (<i>Larger/ landscape-scale</i>)
10:15 – 10:30		1. Monarch Overwintering Habitat Stewardship Informed by Hemispherical Photography <i>Lech Naumovich, Creekside Center for Earth Observation</i>	18. Small Mammal Movements Across a Natural Edge <i>Madeline Burchard, San Jose State University</i>
10:30 – 10:45		2. Lichen Inventory Data: How Useful Is It? <i>Shelly Benson, California Lichen Society</i>	19. Migratory Connectivity of Songbirds in Point Reyes National Seashore <i>Diana Humple, PRBO Conservation Science</i>
10:45 – 11:00		3. Using Phytolith Analysis to Reconstruct Prehistoric Plant Communities for Restoration and Management at Pinnacles National Park <i>Rand R. Evett, University of California, Berkeley</i>	20. A Study of Bee Diversity at Selected Sites in the San Francisco Bay Area, California <i>Mietek Kolipinski, NPS Pacific West Region and Carlos Arellano Dominican University</i>
11:00 – 11:15	Break (15 minutes)		
Theme		Restoration and Stewardship (<i>Climate and geological considerations</i>)	Wildlife Management (<i>Citizen science/volunteers</i>)
11:15 – 11:30		4. Towering Exotic Pines and Dwarfed Native Oaks: A Synthesis of Two Ecological Studies From the Marin Headlands <i>Robert Steers, NPS Inventory & Monitoring Program</i>	21. Tricking the Winds: Six Years of Spring Raptor Migration Counts in the Marin Headlands <i>Allen M Fish, Golden Gate Raptor Observatory, Golden Gate National Parks Conservancy</i>
11:30 – 11:45		5. Determining Landscape-scale Changes in Forest Structure and Possible Management Responses to <i>Phytophthora ramorum</i> in the Mt. Tamalpais Watershed, Marin County CA. <i>Janet Klein, Marin Municipal Water District</i>	22. Citizen Science Informs Park Management: Harbor Seal Monitoring in Marin County <i>Sarah Codde, NPS Inventory & Monitoring Program</i>
11:45 – 12:00		6. Sex, Genes and Biodiversity: Growing Plants for Restoration, Able to Withstand Climate Change and Using Practices to Reduce Our Own Environmental Footprint <i>Betty Young, Native Plant Nurseries, Golden Gate National Parks Conservancy</i>	23. Small Mammals in the Presidio of San Francisco: Engaging Youth in an Inventory Project <i>Moe Flannery, California Academy of Sciences</i>
12:00 – 1:00	Lunch (1 hour)		
Theme		Restoration and Stewardship (<i>Invasive species</i>)	Wildlife Management (<i>Applied tools/techniques</i>)
1:00 – 1:15		7. Application of Data from the Invasive Species Early Detection Program of the San Francisco Bay Area Inventory and Monitoring Program <i>Eric Wrubel, NPS Inventory & Monitoring Program</i>	24. Wildlife Restoration of Mountain Lake, San Francisco <i>Jonathan Young, Presidio Trust</i>
1:15 – 1:30		8. New Treatments for an Old Weed: Herbicide and HMO to Control Cape Ivy <i>Lew Stringer, Presidio Trust</i>	25. Hawks Phone Home: At the Nexus of Technology and Biology <i>Chris W. Briggs, Golden Gate Raptor Observatory, Golden Gate National Parks Conservancy</i>
1:30 – 1:45		9. Habitat Restoration and Control of Bullfrogs within Tennessee Valley, Marin Co., CA <i>Darren Fong, Golden Gate National Recreation Area</i>	26. Tools and Techniques: Adaptive Management of the California Condor <i>Alacia Welch, Pinnacles National Monument</i>

1:45 – 2:00	Break (15 minutes)		
Theme		Public Engagement (<i>Youth</i>)	Climate Change
2:00 – 2:15		10. A Landscape of Relationships: Building Local Youth Partnerships - Part 1 <i>Fernando Villalba, East Bay National Parks</i>	27. Applied Science for Conserving California's Bay Area Ecosystems in the Face of Climate Change: The Terrestrial Biodiversity Climate Change Collaborative (TBC3) <i>Lisa Micheli, Pepperwood Foundation</i>
2:15 – 2:30		11. A Landscape of Relationships: Building Local Youth Partnerships - Part 2 <i>Carol Adams, Martinez Unified School District</i>	28. Observed Trends in Climate Space in Bay Area Parks: Implications for Landscape Resilience <i>Healy Hamilton, Marine Conservation Institute</i>
2:30 – 2:45		12. Educating Local Youth to Become the Next Generation of National Park Stewards A Project WISE Case Study <i>Francis Taroc, Crissy Field Center, Golden Gate National Parks Conservancy</i>	29. Hydrologic Balance in the Marin Coast Range Under Present and Future Climates <i>Stuart B. Weiss, Creekside Center for Earth Observation and Terrestrial Biodiversity Climate Change Collaborative (TBC3)</i>
2:45 – 3:00		13. The Richmond Green Screen, Straight Talk on Prison and the National Park Service <i>Matthew Holmes, East Bay National Parks</i>	30. Giacomini Wetlands: Observations of Landscape Response to Restoration and Climate Change <i>Rachel Kamman, Kamman Hydrology & Engineering, Inc.</i>
3:00 – 3:30	Break (30 minutes)		
Theme		Public Engagement (<i>Unique partnerships and perspectives</i>)	The Intersection of Cultural and Natural Resources Management
3:30 – 3:45		14. Engaging Partnerships to Reduce Wildlife Health Impacts <i>Scott Scherbinski, Pinnacles National Park</i>	31. Diseases Affecting Native and Managed Landscapes in San Francisco Bay Area National Parks <i>Tom Gordon, University of California, Davis</i>
3:45 – 4:00		15. Advertising Space: The Endangered Species Buswraps Project <i>Todd Gilens, Artist</i>	32. An Update on the Study of Indigenous Landscape Management Practices <i>Kent G. Lightfoot, University of California, Berkeley</i>
4:00 – 4:15		16. Stories, Metrics, Money, and Recovery: Promoting Species Recovery through Conservation Competitions <i>Brent Plater, Wild Equity Institute</i>	33. Working Together to Improve Water Quality in a Working Landscape <i>Devii Rao, Point Reyes National Seashore</i>
4:15 – 4:30		17. Bridging the Divide: Building Alignment between Park and Community Values <i>Sue Gardner, Park Stewardship, Golden Gate National Parks Conservancy</i>	34. Coastal Defense and Defensible Space: Managing Vegetation at Historic Sites for Fire and Resource Protection <i>Jennifer Chapman, San Francisco Bay Area National Parks</i>
4:30 – 4:40	Return to Ventana Room		
4:40 – 5:00		Closing Remarks <i>Terri Thomas, Director of Natural and Cultural Resources Programs and Research, Presidio Trust</i>	
5:00 – 6:30	Reception/Refreshments		