

**THE MT TAMALPAIS WATERSHED SYMPOSIUM
PRESERVATION, EXTINCTION, AND CHANGE ON A LOCAL SCALE**

April 11, 2008 at the Mill Valley Community Center

A SCIENCE AND PLANNING EVENT

Sponsored by

THE MARIN MUNICIPAL WATER DISTRICT and THE MT TAMALPAIS WATERSHED FUND

8:30-9:00 Registration/Continental Breakfast

Mt Tamalpais Slide Show—John Wall

9:00 Welcome

Paul Helliker / Alex Forman (Marin Municipal Water District)

9:10 – 9:30 Keynote Address

No Longer Your Grandmother's Watershed: Global Change and Designed Landscapes—Ellie Cohen (Pt Reyes Bird Observatory)

9:30 - 10:30 SESSION I: Preserving our Biodiversity

Plant Communities of Mt Tamalpais—Todd Keeler-Wolf (California Department of Fish and Game):

Rare Plants of the Mt Tamalpais Watershed—Doreen Smith (California Native Plant Society, Marin Chapter)

Conflicts in the Management of Rare *Arctostaphylos* and *Ceanothus* Species in Marin— Tom Parker (San Francisco State University)

10: 30-10:45 Break

10:45-11:45 SESSION II: Preserving our Biodiversity

From Sparrows to Spotted Owls: Long-term Avian Monitoring in the Marin Municipal Water District—Tom Gardali (Point Reyes Bird Observatory)

The Kent Lake Osprey Colony: 40 Years of Growth and Stability—Jules Evens (Avocet Research)

Foothill Yellow-Legged Frog—David Herlocker (Marin County Open Space District)

Salmonid Trends in Redwood and Lagunitas Creek—Brannon Ketcham (Point Reyes National Seashore)

12:00-12:45 Lunch

1:00-1:15 Update on MMWD Vegetation Management Plan

Leonard Charles (Leonard Charles and Associates)

1: 15 - 2:15 SESSION III: Changing Landscapes

Wildland Impacts of Invasive Wildlife—Natalie Gates (Point Reyes National Seashore)

What Can the Biology of Invasive Plants Teach Us About Controlling Them?—Carla Bossard (St Mary's College)

Balancing Fire Hazard and Resource Sustainability: Jon Keeley (USGS Western Ecological Research Center)

Title--TBA Stu Weiss (Creekside Center for Earth Observation)

2: 15-2:30 Break

2:30-3:15 SESSION IV: Changing Landscapes

The *Long* Term History of Oak Woodlands in California: Scott Mensing (University of Nevada, Reno)

Forest Ecosystem Changes in the Face of Sudden Oak Death and Other Diseases—Dave Rizzo (University of California, Davis)

Effects of Disease, Fragmentation, and Fire Regime on Soil Mycorrhizal Diversity—Matteo Garbelotto (University of California, Berkeley)

3:30-4:30 ROUND TABLE DISCUSSION: What does it mean to responsibly steward the Mt. Tamalpais Watershed for in the face of continued fire suppression, increased wildfire risk, climate change, and increased rates of biological invasion? Should land managers move away from the historic paradigms of preservation and restoration, instead embracing the concept of emerging "novel ecosystems"?

