Registration and continental breakfast   8-8:30

1. Welcome: Supervisor James Gore, Sonoma County 4th District

2. The Big Picture – Watershed and Channel Processes: Ecological and Human Responses 8:45-10:00

   Stream and Watershed Processes: What are the causes of entrenchment in the Russian River?  
   G. Mathias Kondolf, PhD, Chairman, Russian River Independent Science Review Panel

   Channel entrenchment – Ecological and Human Responses - Laurel Marcus Executive Director,  
   California Land Stewardship Institute

   Questions: 10:00 minutes
   Break: 10:00-10:15

3. Approaches to Address Entrenchment and Restore Stream Dynamics 10:20-12:00

   River Restoration Prescriptions that Work–Frankenstein, C3PO or Pinochio? – Doug Shields, PhD,  
   member, Russian River Independent Science Review Panel

   A Regulatory Approach to Channel Entrenchment – the Napa River/Sonoma Creek WDR permit –  
   Michael Napolitano, San Francisco Bay Regional Water Quality Control Board

   Demystifying Gravel Augmentation – Rocko Brown, PhD, Cramer Fish Sciences

   Restoration Approaches in the Green Valley Watershed-Response to Incision, Flooding and Drought—  
   Matt O’Connor, PhD, O’Connor Environmental, Inc.

   Questions: 10:00 minutes
   Lunch 12:00-1:00

4. Approaches to Change the System 1:00-2:10

   Forward to the Past, Gravel Pits to Floodplains– Brian Cluer, PhD, National Marine Fisheries Service

   Riparian Data, Mapping and Modeling to Support Long Term Riparian Corridor Conservation—  
   Karen Gaffney, Conservation Planning Manager, Sonoma County Agricultural Preservation & Open  
   Space District

   Post-fire Hazard Assessment and Remediation: To Seed or Not to Succeed - Michael Harding

   Implementing Managed Bank Retreat: the Carneros Creek Example –Laurel Marcus, Executive  
   Director, California Land Stewardship Institute
Questions: 10:00 minutes

5. **Looking Ahead** 2:20-3:25


*An Update on Groundwater Sustainability Plans:*
Sonoma County – Marcus Trotta; Principal Hydrogeologist, Sonoma County Water Agency
Mendocino County – Brian Wallace, Civil Engineer, LACO Associates

*Climate Change – How Will Creek and River Channels Respond* – Alan and Lorrie Flint, PhDs, US Geological Survey

Questions: 10:00 minutes
Break 3:35-3:50

7. **Panel Discussion** 3:50 – 4:20
   Proposed Science Forum

8. **Closing Remarks** – Supervisor Carre Brown, Mendocino County 1st District

**Funding for this Event is Provided by the Resource Legacy Fund**