SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT
*A Public Agency for Environmental Research*

**What: DNA Barcoding Colloquium at SCCWRP**
**When: Wednesday, February 17, 2010 at 9:00AM**

The DNA barcoding concept is based on a simple but powerful premise: that sequence diversity in short, standardized gene regions (i.e., DNA barcodes) can provide a sophisticated tool for identifying species. This technique is applicable to all life stages of a given species and can be performed with only a small sample of an organism. Many technological barriers have been surmounted, costs have been reduced, and the effectiveness of the approach has been shown in varied geographic settings and taxonomic groups. Motivated by a desire to catalog and understand global biodiversity, major international DNA barcoding programs are now underway.

Please join us for a series of talks describing progress on establishing the barcode reference library, use of barcoding for environmental assessments, and challenges to be overcome.

***Schedule***

9:00 Dr. Dirk Steinke, Canadian Centre for DNA Barcoding, "One Gene – All Life: DNA Barcoding Overview and Progress, and the Marine Barcode of Life Initiative."

9:45 Dr. Bernard Sweeney, Director, Stroud Water Research Center, "Water Quality Analysis using Macroinvertebrates with and without DNA Barcoding."

10:15 Dr. Mehrdad Hajibabaei, Biodiversity Institute of Ontario, "Next Generation Biodiversity Analysis."

10:35 Dr. Erik Pilgrim, US EPA Molecular Ecology Branch, "Barcoding Difficulties and Challenges."

Following the talks, there will be an opportunity for questions and open discussion.

Please forward this announcement to others who have an interest in attending.

For additional information, contact
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