

DISCOVERY LECTURE SERIES

Presented by AltaSea & Cabrillo Marine Aquarium

UNEARTHING *the* HISTORICAL WETLANDS *of* SOUTHERN CALIFORNIA

SHAWNA DARK, PH.D.

FRIDAY, AUGUST 1 • 7-9pm • JOHN M. OLGUIN AUDITORIUM

Looking across today's highly urbanized Los Angeles basin, it is almost impossible to imagine the area once included a vast complex of wetlands.

New technological tools in cartography are helping Dr. Dark and her team understand the landscape processes, historic wetland distribution and the impacts of humans. This information will guide us as we plan sustainable restoration within

the constraints of the contemporary landscape.

Dr. Dark's studies suggest that Los Angeles and much of Southern California may have been quite different than expected. In this presentation, the historical ecology of various wetlands in the Los Angeles region will be uncovered along with a discussion of the Southern California coast, cartography, and how modern tools help us to view the past. • Fee: Free



Professor Shawna Dark directs the Center for Geographical Studies at California State University, Northridge. Her research focuses on the application of geospatial technology on water resource issues. Over the past 10 years, Dr. Dark has worked on a variety of projects with the Coastal Conservancy, the State Water Quality Control Board, the U.S. Geological Survey, the Southern California Coastal

Water Research Project and other organizations.

Her projects have included mapping wetlands of Southern California; mapping historical wetlands of the Ballona estuary; creating a spatial database for state water policies; updating National Hydrography Data layers for Southern California; and creating methodology for monitoring the status and trends of wetlands in California.



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2014 & 2015

Please RSVP to lecture@cmaqua.org

2014 LECTURES:

- August 1 - Dr. Shawna Dark, CSU Northridge
- October 3 - Dr. Rich Ambrose, UCLA
- December 5 - Dr. Shana Goffredi, Occidental College

Visit our website for more details.