



ISLAND ECOLOGY FOR TEACHERS

Catalina Island Marine Science Center
June 13-17, 2011

Instructor: Derrick R. Lavoie, Ph.D
Phone: 805 709-0579

E-mail: islandecology@institutefordiscovery.org

WEBSITE: <http://www.institutefordiscovery.org/islandecology/>



This exciting five-day field-oriented Island Ecology course is conducted at the [USC Marine Science Center](#) on beautiful Catalina Island and offered by the Discovery Institute for the Advancement of Science and Technology Education (a non-profit 501 (c)(3) tax exempt organization). The course is designed for teachers at all grade levels and involves the principles of ecology applied to islands of the world with a special emphasis on the channel islands of southern California, specifically Catalina Island.

YOU DON'T HAVE TO BE A TEACHER TO TAKE THE COURSE!

Content will focus on principles of island biogeography and ecology such as colonization, succession, energy flow, and niche partitioning, including a variety of intra and interspecies interactions. You will learn about unique natural history of fascinating terrestrial and marine island life, human impacts, and the preservation and conservation of island ecosystems. Participants will enjoy a variety of exciting hands-on activities.

Teachers taking this course for CEU credit will complete field observation sheets, lab activity sheets, an exit questionnaire, and a scientific investigation project. Participants should be prepared for extensive physical activity involving snorkeling and hiking on and off trails over rugged terrain.

Fees - Logistics

A fee of approximately \$595 will cover all food, transportation to and from the island, parking, facility use (e.g., dive gear, wetsuits, boat), and attractive double occupancy room accommodations for four nights and five days at the USC Marine Laboratory on Catalina Island, CA. Participants must supply their own clothing, towels, pack, and other necessary personal gear and pay for CEU credit separately through Cal Poly Extension. Logistics for this field trip will be provided in detail through email prior to arrival.

Textbook:

Natural History of the Islands of California - by Allan A. Schoenherr, C. Robert Feldmeth, and Michael J. Emerson. 2000. University of California Press.



Online registration:

<http://www.institutefordiscovery.org/registrationform.html>

Please direct any questions to Dr. Derrick Lavoie via email islandecology@institutefordiscovery.org or phone (805) 709-0579.

Discovery Institute for the Advancement of Science and Technology Education
1342 Wilson Ct.
Arroyo Grande, CA 93420
(805) 709-0579
PH: (805) 709-0579 FAX: 805 221-5254
EMAIL: info@institutefordiscovery.org