

California Mediterranean Research Learning Center

November 25, 2008



Pasadena City College students assisted with marine surveys at CABR



Elementary Institute of Science students dig Ecohelpers at SAMO



Technology Transfer Workshop



Distance Education Training



Trainees conduct LIVE programs

COMMUNICATION

Technology Transfer Workshop – High Performance Wireless Research and Education Network (HPWREN), San Diego State University (SDSU) Field Stations Program, SAMO, and the CMRLC led a two-day Technology Transfer Workshop and Live Interactive Virtual Exploration (LIVE) backpack system training for National Park Service staff and educators. The goal of the workshop and training session was to cultivate expertise with wireless systems and LIVE distance education programs in the National Park Service. Workshop participants gained an understanding of wireless data systems sufficient to plan and implement a system at their parks.

Background information was presented by Hans-Werner Braun (HPWREN), Pablo Bryant (SDSU Field Stations Program), Susan Teel (CMRLC), and Mike Maki (SAMO). During the afternoon, participants rotated through four concurrent sessions, while receiving hands on experience and becoming familiar with wireless radios, access points, cameras, and environmental sensors. Hans-Werner Braun, Jim Hale, Pablo Bryant, and Mike Maki introduced groups of 5-6 trainees to the equipment at the stations and led them through the basics of how to build, configure, operate, and explore opportunities with the equipment.

Copies of workshop materials are found at http://hpwren.ucsd.edu/20081113_NPS-TT-Workshop. For more information see <http://hpwren.ucsd.edu/news/20081122/>.

LIVE Distance Education Training - Kimberly Mann Bruch and Susan Teel led the Sea to Shining Sea LIVE backpack session with assistance from Jim Hale, Mike Maki, Cruz Jimenez, and Ulysses Huerta who assisted groups with setting up and testing the LIVE backpacks. Nine teams assembled and tested the backpacks, and used Skype to communicate with science teacher Roger Wynn from Mountain Empire Schools. In short time, the teams took the backpacks to the rocky intertidal area and initiated LIVE programs. Jim Hale provided troubleshooting assistance at the tidepools.