



Mark H. Capelli
Statement of Qualifications

Education

B.A. (History) University of California, Santa Barbara, 1969
M.L.S. University of California, Berkeley, 1972
M.A. (History) University of California, Santa Barbara, 1973
Ph.D. (History) Program University of California, 1974-1977 (Left program to take position with California Coastal Commission)

Honors

Graduation with Honors, 1969
John and Ina Campbell Scholarship
Dean's List (1966-70)

Related Post-Graduate Course Work

Biological Sciences: Aquatic Biology, Comparative Plant Morphology, Mycology, Marine Phycology, Evolutionary Biology (Oxford Summer Program, 1986)

Mathematics: Differential & Integral Calculus, Ordinary Differential Equations, Linear Algebra, and Statistics

Physical Sciences: Physics, Chemistry, Physical & Historical Geology, Geomorphology

Related Work Experience

2000-present: National Marine Fisheries Service, Area Recovery Coordinator, Southern and South-Central California

1990-2000: Lecturer, University of California, Santa Barbara, Environmental Studies Program. Annual courses: Endangered Species Management (ES 143), Coastal Processes and Coastal Management (ES 134)

1994-1996: U.C. Extension Short Courses: Coastal Management; Endangered Species Management.

1976-2000: California Coastal Commission, Senior Analyst

Professional Memberships

American Association for the Advancement of Science
American Fisheries Society
Southern California Academy of Sciences

Related Professional Activities

Invited Participant in The Aspen Institute, Program on Energy, Environment, and the Economy, Dams and Rivers Dialogue, September 2000 – April 2002. Wye River, Queenstown, Maryland.

U.C. Extension. Conference Organizer, Restoring Southern California Steelhead, University of California, Santa Barbara, CA. 1996.

Invited Presentations/Publications

2012. “Steelhead Recovery Planning in South-Central/Southern California”. (in press) American Fisheries Society Symposium on Pacific Salmon Recovery, Planning and Implementation (with Dr. David Boughton).
2011. “Climate Change and Southern California Steelhead Recovery Planning.” Proceedings Coastal Zone 2011, Chicago, Ill. July 17-21, 2011.
2011. “Recovering Southern California Steelhead Under the ESA”. Proceedings of the Society of Ecological Restoration Annual Conference, Mission Bay, CA. May 12, 2011.
2011. “Southern California Steelhead Recovery and Climate Change”. Proceedings of the Southern California Academy of Science Annual Meeting, Pomona, CA. May 6-7, 2011.
2011. “Climate Change and Southern California Steelhead Recovery Planning”. Proceedings of the Headwaters to Ocean Conference, San Diego, CA. May 24-26, 2011.
- 2011, “Overview of Trends in and Current Monitoring Efforts for Southern California Steelhead”. Proceedings of the 29th Annual Salmonid Restoration Conference, San Luis Obispo, CA. March 23-26, 2011.
2009. “Recovering Southern California Steelhead Under the ESA”. Headwaters to Ocean Conference, Long Beach, CA. October 27-29, 2009.
2009. “Southern California Steelhead Recovery Planning Under the ESA”. National

- Center for Ecological Synthesis and Analysis, Santa Barbara, CA. October 8, 2009.
2009. "Steelhead Recovery in South-Central and Southern California". Proceedings of the 27th Annual Salmonid Restoration Conference, Santa Cruz, CA. May 4-7, 2009.
2009. "Steelhead Recovery in South-Central and Southern California." The Wildlife Society, California Central Coast Chapter and Cal Poly Biological Sciences Department, San Luis Obispo, CA. March 4, 2009.
2008. "Recovery and Conservation of Steelhead (*Oncorhynchus mykiss*) in the Santa Clara River. Proceedings of 7th Annual Headwaters to Ocean (H2O) Conference, Long Beach, CA. October 28-30, 2008.
2007. "Extirpations and Anadromous *O. mykiss* at the Southern Extent of their Range in South-Central and Southern California". Proceedings of the American Fisheries Society Annual Meeting, San Francisco, CA. September 2-6, 2007.
2007. "Steelhead Recovery Strategy: South-Central and Southern California". Proceedings of the 25th Annual Salmonid Restoration Conference, Santa Rosa, CA. May 7-10, 2007.
2007. "San Clemente and Matilija Dam Removal: Alternative Sediment Management Scenarios". Proceedings U.S. Society on Dams. Philadelphia, PN. March 5-9, 2007.
2006. "Southern California Steelhead Distribution and Habitat Needs: What Do We Known for Far?" Proceedings of the 24th Salmonid Restoration Conference. Santa Barbara, CA. February 22-25, 2006.
2004. "Matilija Dam: Sediment Management" Proceedings American Society of Civil Engineers, Environmental & Water Institute. Berkeley, CA. August 16 - 17, 2004.
2004. "Removing Matilija Dam: Opportunities and Challenges for Ventura River Restoration". Proceedings U.S. Society on Dams. St. Louis Missouri. March 29 - April 2, 2004.
2003. "Steelhead Recovery Planning in Southern California: Taking the First Steps" and "Matilija Dam Removal: Challenges and Opportunities". Proceedings American Fisheries Society, California-Nevada Chapter Annual Meeting, San Diego, CA. April 17, 2003.
1999. "Damn Sand Rights: Removing Rindge and Matilija Dams. Proceedings, Sand Rights'99: Bringing Back the Beaches, Ventura, CA. September 23-26, 1999.

1999. "Recovering Endangered Steelhead Rainbow Trout (*Onchorhynchus mykiss*) in Southern California Coastal Watersheds." Proceedings, Coastal Zone '99 Conference, San Diego, CA. July 24-30, 1999.
1997. "Ventura River Steelhead Survey, Ventura County, California". Prepared for the California Department of Fish and Game, Region 5.
1997. "Tidewater Goby (*Eucyclogobius newberryi*) Management in California Estuaries." Proceedings, California and the World Ocean Conference, San Diego, CA. March 24-27-, 1997
1993. "Balancing the Benefits, Weighing the Consequences: The Ventura River and the California Coastal Act". Proceedings, Eighth Symposium on Coastal and Ocean Management, New Orleans, Louisiana. July 19-23, 1993.
1992. "Ventura River Flood of February 1992: A Lesson Ignored?" in Water Resources Bulletin, American Water Works Association. Vol. 28. No. 5. October 1992. (with Dr. Edward Keller)
1992. "Anadromous Fish of Southern California: Past Productivity, Current Status, and Future Prospects". Proceedings, Southern California Academy of Sciences Annual Meeting, Occidental College, Los Angeles, CA. May 1-2, 1992.
1991. "Botanical Resources of the Ventura River Estuary, California". Proceedings, Southern California Academy of Sciences 100th Anniversary Annual Meeting. University of Southern California, Los Angeles, CA. May 11, 1991.
1990. Botanical Resources of Emma Wood State Beach and the Ventura River Estuary, California: Inventory and Management. Prepared for the California Department of Parks and Recreation (with Wayne Ferren, *et al.*).
1985. "San Simeon State Beach: Riparian Restoration Program." Proceedings, The Native Plant Society Native Plant Revegetation Symposium. San Diego, CA. November 1985.
1984. "Preserving Riparian Vegetation along the California's South Central Coast." In: *California Riparian Systems: Ecology, Conservation, and Productive Management*. (ed. R. E. Warner & Kathleen Hendrix). University of California Press, Berkeley, CA. (with Stephen Stanley)