

[Mark Herzog](#), PhD. Co-director, Informatics Division, PRBO Conservation Science. Mark Herzog is the co-director of PRBO's Informatics Division and is leading PRBO's Climate Change Initiative. Mark's expertise is in quantitative ecology, avian ecology, and population dynamics. Previously, he has performed extensive research in waterfowl ecology and population modeling. Mark received his Master of Science in 1995 at New Mexico State University, where he collaborated on a state-wide fishery model, and received his doctorate in 2001 at the University of Alaska Fairbanks. His dissertation examined density dependent effects on growth and development of Black Brant goslings on the Yukon-Kuskokwim Delta in Alaska. Recently, Mark has developed population models for western Mallards for the Pacific Flyway and U.S. Fish and Wildlife Service. Recently completed projects at PRBO include developing spatial optimization models for waterbirds and land birds within the South San Francisco Bay salt pond restoration areas. Mark is also analyzing population data within the tidal marsh communities of San Francisco Bay, and developing statistical tools for PRBO's biologists to use to analyze and visualize their data. Mark lives in Cotati.