



Dr. Carey McGilliard Biography

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Dr. Carey McGilliard is currently the science advisor on the US delegation to the IPHC. She is a quantitative scientist at NOAA's Alaska Fishery Science Center. Her expertise is in developing and evaluating stock assessment methods and harvest strategies using simulation modeling and management strategy evaluation, with a focus on flatfish stocks in the Gulf of Alaska, Bering Sea, and Aleutian Islands. She currently serves as an analyst on the North Pacific Fishery Management Council's halibut abundance-based management working group. She holds a Ph.D. (2012) and an M.S. (2007)

from the University of Washington, School of Aquatic and Fishery Sciences, where her dissertation focused on developing and evaluating spatial stock assessment methods and harvest strategies in systems with marine protected areas. Dr. McGilliard is originally from Virginia and holds a B.A. in mathematics from The College of Wooster in Ohio. She became interested in combining mathematics and ecology during a biology and Spanish study abroad program in Costa Rica, where she had the opportunity to conduct research covering the diverse species found in tropical forests. Soon after college and after a period of working at a policy think tank in Washington, D.C., Dr. McGilliard took a job at University of Maryland's Horn Point Laboratory on the eastern shore of Chesapeake Bay in a zooplankton ecology group, but was soon lured to the West Coast.