**CURRICULUM VITAE—**
**DR. CORREIGH M. GREENE**

National Marine Fisheries Service
Northwest Fisheries Science Center
2725 Montlake Blvd. East
Seattle, WA 98112-2097

Phone: (206) 860-5611
FAX: (206) 860-3335
Correigh.Greene@noaa.gov

## PROFESSIONAL PREPARATION

B.S. 1992. Environmental Studies and Biopsychology, Tufts University.
M.S. 1995. Wildlife Ecology and Management, University of Michigan.
Ph.D. 2001. Animal Behavior, University of California at Davis.
Postdoctoral Research Associate (NRC). 2001-2002. Northwest Fisheries Science Center, Seattle WA.

## APPOINTMENT

Research Biologist, NOAA Fisheries, Northwest Fisheries Science Center, Fish Ecology Division, Watersheds Program. October 2002 – present.

## SELECTED PUBLICATIONS

**Greene, C. M.**, L. Kuehne, C. Rice, K. Fresh, and D. Penttila. 2015. Forty years of change in forage fish and jellyfish abundance across greater Puget Sound, Washington (USA): Anthropogenic and climate associations. Marine Ecology Progress Series 525: 153-170.

Oyafuso, Z.S., A.E. Baxter, J.E. Hall, S.M. Naman, **C.M. Greene**, and L.D. Rhodes. 2015. Widespread detection of human- and ruminant-origin Bacteroidales markers in subtidal waters of the Salish Sea in Washington State. Journal of Water and Health, 13: 827-837.

**Greene, C.M.**, K. Blackhart, J. Nohner, A. Candelmo, and D.M. Nelson. 2015. A National Assessment of Stressors to Estuarine Fish Habitats in the Contiguous United States. Estuaries and Coasts 38:782-799. DOI 10.1007/s12237-014-9855-9

**Greene, C.M.** et al. 2014. Selecting and evaluating indicators for habitats within the California Current Large Marine Ecosystem. Integrated Ecosystem Assessment Phase III, NOAA online report.

Reum, J. C., T.E. Essington, C**.M. Greene**, C.A. Rice, P. Polte, & K.L. Fresh. 2013. Biotic and abiotic controls on body size during critical life history stages of a pelagic fish, Pacific herring (Clupea pallasii). Fisheries Oceanography, 22: 324-336.

Reum, J.C.P., T.E. Essington, **C.M. Greene**, C.A. Rice, and K.L. Fresh. 2011. Multiscale influence of climate on estuarine forage fish: the role of coastal upwelling, river discharge and local water temperature and salinities. MEPS 425: 203–215.

Yoklavich, M. et al. 2010. Marine fisheries habitat assessment improvement plan. Report of the National Marine Fisheries Service Habitat Assessment Improvement Plan Team. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-F/SPO-108, 115 p.

**Greene, C.M.**, J.E. Hall, K.R. Guilbault, and T.P. Quinn. 2010. Improved viability of populations with diverse life history portfolios. Biology Letters 6: 382-386.

Beechie, T.J., **C.M. Greene**, L. Holsinger, and E. Beamer. 2006. Incorporating parameter uncertainty into evaluations of spawning habitat limitations on Chinook salmon populations. Canadian Journal of Fisheries and Aquatic Sciences, 63:1242-1250.

**Greene, C.M.**, D.W. Jensen, E. Beamer, G.R. Pess, and E.A. Steel. 2005. Effects of environmental conditions during stream, estuary, and ocean residency on Chinook salmon return rates in the Skagit River, WA. Transactions of the American Fisheries Society, 134:1562-1581.

**Greene C.M.**, and T.J. Beechie. 2004. Consequences of potential density-dependent mechanisms on recovery of ocean-type chinook salmon (Oncorhynchus tshawytscha). Canadian Journal of Fisheries and Aquatic Sciences, 61: 590-602.

## SYNERGISTIC ACTIVITIES

*National Fish Habitat Partnership (NFHP)*. Chair of the Science and Data Committee for the Pacific Marine and Estuarine Fish Habitat Partnership. November 2008-present.

*NOAA Fisheries' Habitat Assessment Improvement Plan*. Coauthor of a national research plan to advance habitat science of marine fish stocks, address fisheries management, and initiate graduate education opportunities. July 2008-present.

*National Center for Ecological Analysis and Synthesis*. Panel member of the Moore Foundation-funded Salmon and Climate Change Project, which involves integration of regional and local climate models to predict population changes in Pacific salmon. April 2009-Septemer 2011.

*Skagit Climate Science Consortium ($SC^2$)*. $SC^2$ is composed of representatives from academia, tribes, and state and federal agencies in order to provide expert advice on the effects of climate change in the Skagit River watershed, the largest watershed in Puget Sound and Seattle's primary source of hydropower. November 2008-present.

*Research conference session organizer.*
Coastal and Estuarine Research Federation (2015) -- special session on foodweb shifts in coastal systems.
Coastal and Estuarine Research Federation (2011) -- special session on Estuary Habitat Assessments.
Salish Sea Research Conference (2008) -- special session on The Ecology of the Pelagic Zone.

## COLLABORATIONS AND OTHER AFFILIATIONS

*Education related*
Bobbi Low, School of Natural Resources and Environment, University of Michigan (MS Mentor)
Judy Stamps, Section in Evolution and Ecology, UC Davis (PhD Mentor)
Tim Beechie, Northwest Fisheries Science Center (PostdocMentor)
Casimir Rice, University of Washington (on dissertation committee)
Jonathan Reum, University of Washington (on dissertation committee)

*Collaborators and Co-Editors(Last four years)*
Kelly Andrews, NMFS
Eric Beamer, Skagit River System Cooperative
David Beauchamp, University of Washington
Tim Beechie, NMFS
Kristan Blackhart, NMFS
Richard Brodeur, NMFS
Steven Brown, NMFS
Tim Essington, University of Washington
Kurt Fresh, NMFS
Eric Grossman, USGS
Jason Hall, NMFS
Alan Hamlet, University of Washington
Chris Harvey, NMFS
Greg Hood, Skagit River System Cooperative
Tarang Khangaonkar, Battelle Research Center
Dayv Lowry, WA Dept of Fish and Wildlife
Lauren Kuehne, University of Washington
Joseph Nohner, Michigan State University
George Pess, NMFS
Jonathan Reum, NMFS
Linda Rhodes, NMFS
Casimir Rice, NMFS
John Rybczyk, Western Washington University