

Dr. Anne Babcock Hollowed

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Education

B.A. Biology and Geology, Lawrence University, Appleton, WI 1978
M.S. Biological Oceanography, Old Dominion University, Norfolk, VA, 1982
Ph. D. Fisheries, University of Washington, Seattle, WA, 1990

Professional Job Experience

1982. Research Biologist. University of Washington, Seattle, WA. Conducted multivariate assemblage analysis of groundfish complexes in the Bering Sea.

1982 - 1995. Fisheries Research Biologist, National Marine Fisheries Service, Alaska Fisheries Science Center, Seattle, WA. Conducted stock assessments and research on groundfish stocks in the North Pacific.

1998 - 2006. Supervisory Research Fisheries Biologist, National Marine Fisheries Service, Alaska Fisheries Science Center, Seattle, WA. Serves as the leader of the Status of Stocks and Multispecies Assessment (SSMA) Program at the Alaska Fisheries Science Center.

2006 – Present. Senior Scientist, National Marine Fisheries Service, Alaska Fisheries Science Center, Seattle, WA. Serves as the leader of the Status of Stocks and Multispecies Assessment (SSMA) Program at the Alaska Fisheries Science Center.

Professional Memberships and Associations

2006- Present Member of the Modeling and Analysis Steering Team established by Ocean.US

2005 – 2008 Fellow of the Institute, Cooperative Institute for Arctic Research, University of Alaska, Fairbanks.

2005 Member of the American Fisheries Society

2003 – present Member of the North Pacific Fisheries Research Board Science Panel.

2003 – present Member of the North Pacific Fisheries Management Council, Scientific and Statistical Committee

2002 - Present Editorial Board of the *Alaska Fisheries Research Bulletin*

1998 - Present. Member of the American Institute of Fishery Research Biologists

1994 - Present. Affiliate Associate Professor, University of Washington, College of Fisheries and Ocean Sciences, School of Fisheries, Seattle, WA.

Awards

- Distinguished lecturer, Chesapeake Bay Laboratory, Solomons, Maryland
- National Environmental Excellence Award for NEPA Excellence, 2003, for the Steller sea lion protection measures environmental impact statement.
- Department of Commerce Silver Medal for an innovative analysis of the effects of fishing on habitat, which led to substantial precautionary management measures for Alaska fisheries. 2005
- Department of Commerce Silver Medal for the development and preparation of the Alaska Groundfish Fisheries Programmatic Supplemental Environmental Impact Statement. 2005

Recent Publications

Agostini, V. N., R. C. Francis, **A. B. Hollowed**, S. Pierce, C. Wilson, A. N. Hendrix. In Press. The relationship between hake (*Merluccius Productus*) distribution and poleward sub-surface flow in the California Current System. Can. J. Fish. Aquat. Sci.

Hollowed, A. B. Christopher D. Wilson, Phyllis Stabeno, and Sigrid Salo. In Press. Effect of ocean conditions on the cross-shelf distribution of walleye pollock (*Theragra chalcogramma*) and capelin (*Mallotus villosus*). *Fish. Oceanogr.*.

Mundy, P. R. and **A. B. Hollowed**, 2005. Fish and Shellfish. Pp. 79-95. In Phillip R. Mundy (ed.). The Gulf of Alaska: Biology and Oceanography. Alaska Sea Grant College Program, University of Alaska, Fairbanks. 214p.

Hollowed, A. B. Christopher D. Wilson, Phyllis Stabeno, and Sigrid Salo. In Review. Effect of ocean conditions on the cross-shelf distribution of walleye pollock (*Theragra chalcogramma*) and capelin (*Mallotus villosus*). Fisheries Oceanography.

Bailey, K. M., **A. B. Hollowed**, and W. S. Wooster. 2004. Complexity of marine fisheries dynamics and climate interactions in the northeast Pacific Ocean. In Marine Ecosystems and Climate Variation - The North Atlantic. A Comparative Perspective. N. Stenseth, G. Ottersen, J. W. Hurrell (Editors). Oxford University Press.

Wilson, C.D., **Hollowed, A.B.**, Shima, M., Walline, P., Stienessen, S. 2003. Interactions between commercial fishing and walleye pollock. Alaska Fishery Research Bulletin 10: 61-77

Hollowed, A. B., S. R. Hare and W. S. Wooster. 2001. Pacific basin climate variability and patterns of northeast Pacific marine fish production. *Prog. Oceanog.* 49(2001): 257-282

Recent Collaborators

Edward Cokelett, Pacific Marine Environmental Laboratory, U.S. GLOBEC Proposal

Vera Alexander, University of Alaska Fairbanks, Project Management Team for Southeast Bering Sea Carrying Capacity (SEBSCC) Program

James Overland, Pacific Marine Environmental Laboratory, U.S. GLOBEC Proposal, SEBSCC

Terrance Quinn, Graduate Student Stipend, University of Alaska, CIFAR

Andre Punt, Graduate Student Stipend for University of Washington, JISAO

Donald Gunderson, JISAO Grant, University of Washington

Art Kendall, Rockfish Research, La Conner, Washington

Chris Wilson Localized responses of walleye pollock to commercial fishing, SSLRI project

Robert Foy Walleye pollock tagging methods, NPRB project

Brenda Norcross, Pacific cod maturity and flatfish research, University of Alaska Fairbanks, CIFAR

Jennifer Boldt, Ecosystem indicators and their use in stock assessments, FATE project

Selina Heppell, Age effects on rockfish reproductive success, CIMRS

Recent Students – Served or presently serving on graduate committee

Michael Guttormsen, M. S. Fisheries, University of Washington, Seattle, WA

Vera Agostini, PhD. Fisheries, University of Washington, Seattle, WA

Olav Orsmeth, PhD. Fisheries Oceanography, University of Alaska Fairbanks, Fairbanks, AK

Teresa A'mar, M.S. Fisheries, University of Washington, Seattle, WA

Michiyo Shima, PhD. Fisheries, University of Washington, Seattle, WA

Sarah Gaichas, PhD. University of Washington, Seattle, WA

