

THE NATIONAL ACADEMIES

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Memorandum

TO: Bill Bradbury, Chair, Northwest Power and Conservation Council
B. Paul Lumley, Executive Director, Columbia River Inter-Tribal Fish Commission
John E. Stein, Acting Director, Northwest Fisheries Science Center, National Marine Fisheries Service
William W. Stelle, Jr., Regional Administrator, National Marine Fisheries Service

CC: David Policansky
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FROM: Gregory Symmes, Executive Director, Division on Earth and Life Studies 

DATE: October 28, 2014

SUBJECT: Evaluation of Nominees to the ISAB and ISRP 2014

At the request of the Northwest Power and Conservation Council (NPCC), the National Marine Fisheries Service, and the Columbia River Inter-Tribal Fish Commission, the National Research Council (NRC) of the National Academy of Sciences is pleased to suggest nominees for potential appointment to the Independent Scientific Advisory Board (ISAB) and Independent Scientific Review Panel (ISRP).

To help evaluate potential nominees, Dr. David Policansky, Scholar in the NRC, sought the advice of independent experts Nancy Huntly, Pete Bisson, and Susan Hanna, former ISAB and ISRP members. The NRC is submitting a list of 23 scientists from which ISAB and ISRP members can usefully be appointed. These suggested nominees should augment the list of nominees recommended in 2011¹, 2008² and 2005³ from which a majority of the current ISAB and ISRP members were appointed and many well-qualified nominees remain for future appointment consideration.

¹ December 21, 2011 letter from the National Research Council:

www.nwcouncil.org/media/14669/members2011.pdf

² October 23, 2008 letter from the National Research Council: www.nwcouncil.org/media/14689/nrc2008.pdf

³ May 23, 2005 letter from the National Academy of Sciences: www.nwcouncil.org/media/14686/nrc.pdf

The NRC understands that the NPCC appoints ISRP members, while the NPCC, the National Marine Fisheries Service, and the Columbia River Indian Tribes appoint ISAB members. Rather than submit nominees for the ISRP and ISAB in separate memos, we suggest that the selection process for ISAB and ISRP members be closely coordinated to help maintain the strong collaborative relationship the ISAB and ISRP have formed over the past 18 years.

The ISAB and ISRP governing documents call for membership to include expertise in the following areas: anadromous and resident fish ecology, statistics, modeling, wildlife ecology, genetics, fisheries, fish passage/bioengineering, fish husbandry, ocean and estuary ecology, geomorphology, and socio-economics. Pacific Northwest scientists with expertise in Columbia River anadromous fish and non-anadromous fish must be included. Previous NRC selections emphasized the importance of a multidisciplinary approach, and, in fact, the ISAB and ISRP's multidisciplinary composition has been critical to the groups' ability to successfully cover the wide spectrum of scientific issues, programs, and proposals assigned to the groups for review. The NRC continues to stress the importance of the social sciences, ethnic and gender diversity in membership, the importance of large system drivers such as climate change, and sharing expertise with other broad-scale ecosystem recovery efforts, such as those for the Everglades, Great Lakes, and the San Francisco Bay and Sacramento-San Joaquin Delta.

The recommended list is provided in the table below organized alphabetically. The evaluations were based on biographical and bibliographic information concerning all the persons who were nominated. Overall, the nominees submitted for consideration were highly qualified. When coupled with the 2011, 2008, and 2005 lists, the areas of expertise required on the groups should be adequately covered for the next round of appointments. We note that several of the nominees have potential conflicts of interest that would need to be evaluated in the member selection process. These include individuals whose eligibility hinges on retirement in the next couple of years.

The National Research Council is pleased to have been of service in this manner.

Table of Recommended ISAB and ISRP Candidates⁴

Name	Affiliation	Expertise	ISAB	ISRP
William Boggess	Oregon State University	Resource economics	x	x
Daniel Bottom	NOAA/NMFS/Northwest Fisheries Science Center, Hatfield Marine Science Center	Fisheries, ocean and estuary	x	x
Richard Carmichael	Oregon Department of Fish and Wildlife	Fisheries, management, research, and recovery science	x	x

⁴ David Bennett and John Epifanio were nominated for this round of evaluations. However, they previously were recommended as qualified by the NAS, and the previous recommendation stands.

Patrick Connolly	US Geological Survey, Columbia River Research Lab	Fisheries, ecology and habitat		x
Albert Giorgi	Consultant, BioAnalysts	Mainstem fish passage		x
Stanley Gregory	Oregon State University, emeritus	Fisheries, ecology and habitat	x	x
Wayne Hubert	Consultant, formerly with Wyoming Cooperative Fish and Wildlife Unit, University of Wyoming	Fisheries, ecology and habitat	x	x
William Jaeger	Oregon State University	Economics and policy	x	x
Cynthia Jones	Old Dominion University	Biometrics, fisheries and population dynamics	x	x
Lynn Keading	Formerly US Fish and Wildlife Service, Bozeman, MT	Fisheries, ecology and habitat (resident species)		x
Matthew Mesa	US Geological Survey, Columbia River Research Lab	Fisheries, ecology and habitat (lamprey and bull trout)	x	x
Kari Norgaard	University of Oregon	Sociology	x	
Carrie Pomeroy	California Sea Grant, U.C. Santa Cruz Center for Ocean Health	Human dimensions of fisheries and fishing communities	x	
John Richardson	University of British Columbia	Community and population ecology	x	x
Kenneth Rose	Louisiana State University	Biometrics and modeling	x	x
Clare Ryan	University of Washington	Resource policy	x	x
James Sanchirico	University of California Davis	Economics and policy	x	x
James Seeb	University of Washington	Fisheries, genetics	x	x
David Tallmon	University of Alaska Southeast	Population ecology, genetics		x
Desiree Tullos	Oregon State University	Ecohydraulics, river engineering and restoration	x	x
Thomas Turner	University of New Mexico	Genetics	x	x
Ellen Wohl	Colorado State University	Hydrology, river restoration	x	x
Michael Young	US Forest Service, Rocky Mountain Research Station	Fisheries, genetics and ecology		x