

# NATIONAL RESEARCH COUNCIL

OF THE NATIONAL ACADEMIES


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## Memorandum

**TO:** Bruce Measure, 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

**FROM:** James F. Hinchman, Acting Executive Officer 

**DATE:** December 17, 2011

**SUBJECT:** Evaluation of Nominees to the ISAB and ISRP 2011

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's Board on Environmental Studies and Toxicology 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 of the National Research Council's Board on Environmental Studies and Toxicology sought the advice of independent experts Pete Bisson and Susan Hanna, former ISAB and ISRP members, and Dick Wallace, former NPCC member from the state of Washington. The National Research Council (NRC) is submitting a list of 19 scientists from which ISAB and ISRP members could be appointed. These suggested nominees should be added to the list of 66 nominees recommended in 2008<sup>1</sup> and 2005<sup>2</sup>. A majority of the current ISAB and ISRP members were appointed from this list and many well-qualified nominees remain for future appointment consideration.

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 15 years.

<sup>1</sup> October 23, 2008 letter from the National Research Council: [www.nwcouncil.org/fw/isab/nrc2008.pdf](http://www.nwcouncil.org/fw/isab/nrc2008.pdf)

<sup>2</sup> May 23, 2005 letter from the National Academy of Sciences: [www.nwcouncil.org/fw/isab/nrc.pdf](http://www.nwcouncil.org/fw/isab/nrc.pdf).

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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 multi-disciplinary approach, and, in fact, the ISAB and ISRP's multi-disciplinary 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 with Atlantic salmon and the Great Lakes stocks of introduced Pacific salmon.

The recommended list is provided in the table below organized alphabetically. The evaluations were based on biographical and bibliographic information concerning each nominee. Overall, the nominees submitted for consideration were highly qualified. When coupled with the 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 Candidates**

<b>Name</b>	<b>Affiliation</b>	<b>Expertise</b>	<b>ISAB</b>	<b>ISRP</b>
Robert Anthony	Oregon State University	wildlife ecologist	X	X
Virginia Butler	Portland State University	anthropology - fish archaeology and human use of fish species	X	
Dennis Dauble	Consultant (formerly with Pacific Northwest National Labs)	fisheries - passage	X	X
Douglas DeHart	Consultant (formerly with Oregon Department of Fish and Wildlife)	fisheries - hatcheries, passage, and management	X	X
Kurt Fausch	Colorado State University	fish and aquatic ecology	X	X
David Heller	United States Forest Service	habitat restoration	X	X
Greg Hood	Skagit River System Cooperative	fisheries and watershed restoration		X
Robert Hughes	Oregon State University	fisheries monitoring and evaluation	X	X
Mike Jones	University of Michigan	quantitative biology	X	X

Scott Lutz	University of Wisconsin-Madison	wildlife ecologist		X
Alec Maule	United States Geological Survey, Cook Labs, Washington	fisheries - physiological ecology of salmonids		X
Stephen McCormick	United States Geological Survey, Massachusetts	fisheries - physiology, Atlantic salmon	X	X
Vaughn Paragamian	Consultant (formerly with Idaho Fish and Game)	fisheries - resident fish research		X
Randall Peterman	Simon Fraser University, BC, Canada	quantitative biology	X	
Laurel Saito	University of Nevada-Reno	hydrology and ecosystem modeling	X	X
Steve Schroder	Consultant (formerly with Washington Department of Fish and Wildlife)	fisheries - research scientist		X
Carl Schwarz	Simon Fraser University, BC, Canada	statistics	X	X
John Volkman	Energy Trust of Oregon	natural resources and energy law and policy	X	

Reserve: The NRC also suggests that Steven Kolmes of the University of Portland, with expertise in ecology, entomology, toxics, and salmon, be on a reserve list if his particular area of expertise is needed on the ISRP or ISAB.