Members of Washington's Independent Science Panel

Kenneth Currens, Chair

Since 1995, Dr. Currens has worked for the western Washington treaty tribes at the Northwest Indian Fisheries Commission, where he heads the Genetics and Ecology Section. He directed the genetics research program for the Oregon Cooperative Fishery Research Unit at Oregon State University as a Ph.D. student and later as a faculty research assistant from 1987-1995. His research has involved analysis of allozyme, mitochondrial DNA, microsatellite DNA, and morphological variation in a variety of Pacific salmon; development of genetic risk assessment models; genetics of disease resistance; and systematics of North American trouts. He has provided genetic expertise to the U.S. Federal court in *U.S. v. Oregon* dispute resolutions, the Northwest Power Planning Council fish and wildlife program, the U.S. Fish and Wildlife Service, commercial and state hatchery programs, and a variety of environmental conservation groups. He is a member of the Puget Sound Technical Recovery Team. He is also an associate editor for the *North American Journal of Fisheries Management* and has served as a reviewer for numerous scientific journals and funding agencies. He has authored numerous publications in the peer-reviewed scientific literature, technical reports, and several articles for conservation and outdoor magazines. Dr. Currens was appointed to the Independent Science Panel (ISP) at its inception in 1999.

Dudley Reiser, Vice Chair

Dr. Reiser is a Certified Fisheries Scientist with more than 26 years experience designing, implementing, and managing fisheries and aquatic ecology projects, aquatic habitat investigations, and instream flow assessments. His particular areas of expertise and interests include fish and aquatic ecology, habitat assessments and criteria development, endangered species evaluations, assessments of flow regulation on salmonid populations and habitats, sedimentation effects on aquatic ecosystems, fisheries habitat enhancement, fisheries engineering, instream flow assessments, and flushing flow studies. He has worked in the technical consulting arena for over 22 years and is the President of R2 Resource Consultants, Inc., a firm that specializes in both fisheries and aquatic ecological investigations and hydraulic and water resource engineering.

Dr. Reiser has published articles in and has served as a peer reviewer in scientific publications including *Fisheries*, *Rivers*, *Transactions of the American Fisheries Society*, and the *North American Journal of Fisheries Management*. He has reviewed technical reports for the U.S. Fish and Wildlife Service, U.S. Geological Survey, the U.S. Forest Service, and various State resource agencies. He serves on the editorial board for *Rivers*, a journal focused on addressing instream flow issues. He has published several formal reviews of books in *Rivers* and *Fisheries*. Dr. Reiser has authored or co-authored several book chapters related to salmonid life history requirements and effects of anthropogenic influences on their habitats. He was appointed to the ISP at its inception in 1999.

Hiram Li

Dr. Li is currently Professor and Assistant Leader of the Oregon Cooperative Research Unit at the Department of Fisheries and Wildlife at Oregon State University. He is a fisheries ecologist and his research interests include the ecology of streams, fish communities, and invasive species. He is also interested in hierarchical analysis of land and riverscapes, the ecology of salmonid-bearing high desert stream systems, quantitative mathematical models of communities, and fish habitat analysis. Dr. Li has served on the Ecology Advisory Panel for the National Science Foundation, and the Foley-Hatfield Congressional Team on Eastside Forest Health Assessment. He served on the editorial board for the *Transactions of the American Fisheries Society*, and has authored and refereed numerous scientific articles in primary journals. Dr. Li was appointed to the ISP at its inception in 1999.

John McIntyre

Dr. McIntyre retired from the U.S. Forest Service in 1994. In his career he served on the faculty in the Department of Fisheries and Wildlife at Oregon State University, as Leader and Assistant Leader of the Oregon Cooperative Fishery Research Unit, as Section Leader for Fish Population Biology at the National Fishery Research Center in Seattle, as Fish Research Unit Leader for the Intermountain Research Station, and as Fisheries Program Leader at Yellowstone National Park. He has served on panels to evaluate impact of forest management practices on streams in South East Alaska; a Fish and Wildlife Foundation Task Force to assess the role of the federal fish hatcheries; a science panel to review and assess the restoration program for the Central Valley of California; a panel to assess management options for preserving indigenous fishes in Flathead Lake; and has served as a science advisory group member for the Sacramento River delta program.

His research interests include the genetic interplay between hatchery and wild salmon and steelhead populations; predator-prey relations; breeding schemes salmon and steelhead; and habitat and spatial requirements for salmonid populations. Dr. McIntyre has served as an associate editor and as co-editor for the *North American Journal of Fisheries Management*. He was appointed to the ISP at its inception in 1999.

Walter Megahan

Dr. Megahan spent the years 1960-1965 as Regional Hydrologist for the USDA Forest Service, Intermountain Region during which time he served as a technical consultant to regional office staff and to National Forest supervisors on 16 National Forests in four states. In 1967, Dr. Megahan joined the USDA Forest Service, Intermountain Research Station where he served as Research Project Leader and Chief Research Hydrologist until his retirement in 1991. During his Forest Service research career, he conducted personal research primarily devoted to studies of the effects of forest practices on: (1) erosion, sedimentation and the associated channel responses and (2) hydrologic processes and streamflow. During that time, he supervised up to six scientists working on various ecology and soil and water research issues in the northern Rocky Mountains. From 1991-2002, Dr. Megahan was a Research Program Manager and a Principal Research Hydrologist with the National Council for Air and Stream Improvement (NCASI) where he was involved in numerous research studies dealing with the cumulative effects of forest practices on downstream watershed values. He has been involved in private consulting since 1991. Dr. Megahan has authored over 130 technical papers in his area of expertise and has served as a consultant to foreign countries, federal and state agencies and private interests. He has been active in a number of scientific societies and has been affiliated with the University of Idaho and the University of Washington on an adjunct faculty basis. Dr. Megahan was appointed to the ISP in 2001.