

## I. Preface

This Bulletin is a compilation of papers presented at an International Symposium on Assessment and Status of Pacific Rim Salmonid Stocks, held in Sapporo, Japan, October 28-29, 1996, under the auspices of the North Pacific Anadromous Fish Commission. The Symposium, hosted by the Government of Japan, was the first scientific symposium held by the Commission.

The symposium was organized by the Symposium Steering Committee, which was composed of scientists from the Parties for the Commission. The members were:

*Akira Taniguchi* (Chairman)  
Tohoku University  
Sendai, Japan

*Douglas Eggers*  
Alaska Department of Fish and Game  
Juneau, Alaska, U.S.A.

*Osamu Hiroi*  
National Salmon Hatchery  
Fisheries Agency of Japan  
Sapporo, Japan

*Donald Noakes*  
Pacific Biological Station  
Department of Fisheries and Oceans  
Nanaimo, British Columbia, Canada

*Sergey Sinyakov*  
Kamchatka Fisheries and Oceanography Research  
Institute (KamchatNIRO), Kamchatka, Russia

*Kiyoshi Wakabayashi*  
National Research Institute of Far Seas Fisheries  
Fisheries Agency of Japan  
Shimizu, Japan

Local arrangements were made by a local organizing committee established by the host country, Japan.

Research papers were presented by scientists of the Parties (Canada, Japan, Russia, and the United States)

and by the Republic of Korea. Scientific papers were submitted at the symposium. The papers were peer reviewed and revised by the authors before final review and acceptance by the Editors before publication.

I wish to thank the other members of the Editorial Committee, Douglas Eggers (Alaska Department of Fish and Game, U.S.A.), Vladimir Karpenko (Kamchatka Fisheries and Oceanography Research Institute, Russia), and Kiyoshi Wakabayashi (National Research Institute of Far Seas Fisheries, Japan) and the many other scientists of the Parties who participated in the technical reviews of the manuscripts.

The publication of this Bulletin marks two milestones in the distinguished history of INPFC and its successor, the NPAFC. The completion of this, the first Bulletin of NPAFC, was completed in the exceptional period of only 1 year and 3 months from the ending of the Symposium to completion of the bound Proceedings—a record not previously matched by any INPFC bulletin nor (to my knowledge) any other organization in the North Pacific. I would like to express my sincere thanks to the Director of the NPAFC, Dr Irina Shestakova, and her staff, Ms Wakako Morris and Ms Denise McGrann, for their skill and assistance in organizing and executing the Symposium, and in preparing all of the documents for publication in camera-ready format. I also wish to thank Mr Hisashi Endo of the Secretariat of the Commission for his substantial contribution to the publication as technical editor and a member of the Secretariat until his return to Japan at the end of his term as Deputy Director, in June 1997. The Secretariat was also ably assisted by Dr Clif Forrester in the editing of several manuscripts after Mr Endo's return to Japan. The Secretariat's exemplary performance in completing this Symposium sets a high standard for future Symposia to aspire to.

Approval for publication by the Commission does not necessarily constitute endorsement of the views of the authors.

David W. Welch  
Chairman  
Editorial Committee



**Participants:** (from left to right, from back to front row )

(back row) Kate Myers, Michael Henderson, Terry Beacham, Jack Helle, Leo Margolis, Vladimir Karpenko, Kazuhiko Utsumi, Koji Imamura, Brian Bue, Bill Heard, Toshio Hidejima, Ibrahim Fares, Richard Wilmot, Paul Niemeier, Leon D. Khorevin, Vladimir Radchenko, Oleg Gritsenko, Vladimir Tsiger, Conrad Mahnken, David Welch, Paul Ryall, Kazuya Nagasawa, Ole Mathisen, Hal Geiger, Hisashi Endo, Jiro Seki, Masa-aki Fukuwaka, Alexander Kaev, Hiroyasu Hasegawa, Kinya Nishimura, Nobuhisa Koide, Toshiya Suzuki. (second from back row) Chong Guk Park, Houji Okada, Toyohiko Hikita, Kazuzki Naito, Skip McKinnell, Hiroshi Ueda, Michael Dahlberg, Don Noakes, Jim Seeb, Robert Kope, Akihiko Hara, Doug Eggers, Dale Kolody, Tony Gharrett, David Meerburg, Shigehiko Urawa, Robert Walker, Shigeo Hayase, Toshimasa Ban. (second from front row) Loh-Lee Low, Jessica Gharrett, Hiroyuki Sakano, Taiki Asami, Soto-o Ito, Shogo Takagi, Bruce Finney, Dick Beamish, Natalya Varnavskaya, Gary Winans, Sharon Hawkins, Ken-ichi Hayashizaki, Yutaka Nagata, Masahide Kaeriyama, Sergei Sinyakov, Kazuma Ohkuma, Wakako Morris, Nancy Davis. (front row) Tatsuya Takami, Steven Fried, Hiroshi Kojima, Akira Taniguchi, Hiroshi Kawamura, Ki Baik Seong, Ulrich Reinhardt, Irina Shestakova, Kiyoshi Wakabayashi, Kohei Yamauchi, Hiroshi Mayama, Yukimasa Ishida, Morihiko Kawana.