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CURRICULUM VITAE

Name: **NORMAN W. BARTOO, PhD**

Present Position: Fisheries Consultant

Discipline: Fishery Research and Administration, Specialty:: Research Management & Planning, Fisheries Resource Assessment & Management; Population Dynamics

Education: B.S. in Fisheries Management and Administration,
at the University of Washington, 1970,
M.S. at the University of Washington, 1972,
Major: Applied Statistics in Fisheries
Major Professor: Dr. R. R. Whitney
Ph.D. at the University of Washington, 1977,
Major: Fisheries Population Dynamics
Major Professor: Dr. D. G. Chapman

Dissertation Title: Population parameter estimates and energy budgets for peamouth, northern squawfish, and yellow perch in Lake Washington, 144 pp.

Professional Positions Held:

2008-2009: acting Science and Research Director, Southwest Region, National Marine Fisheries Service, Southwest Fisheries Science Center
2004- 2008: Deputy Science and Research Director, Southwest Region NMFS/SWFSC
1997-present: Member, Editorial Board, Ciencias Marinas (ISSN 0185-3880)
2002-2005: Scientific Editor, NOAA Fishery Bulletin & NOAA Professional Papers NMFS
2003-2004: Acting Director Fisheries Resources Division, SWFSC
1999-2004: Planning Officer, SWFSC
1998-1999: Acting Director, Pelagic Fisheries Resources Div. SWFSC
1984-1998: Supervisory Fisheries Research Biologist, SWFSC
1977-1983: Fishery Research Biologist, SWFSC
1972-1977: Pre-Doctoral Research Associate, Washington Cooperative Fishery Unit, University of Washington, Seattle
1970-1972: Research Assistant, Washington Cooperative Fishery Unit, University of Washington, Seattle
1969-1970: Fishery Aide, Fisheries Research Institute, University of Washington, Seattle

Research Interest: Research management. Development & Integration of research; Highly Migratory Species fisheries and stocks; application of population dynamics techniques.

Honors/Awards: Society of Sigma Xi (research honorary)
Numerous NOAA Performance Awards/QSI's, 1984-2003
Numerous NOAA Special Act Awards, 1979-2003
American Institute Fisheries Research Biologists, So. Calif. District,
Vice Director, 1981-1983,

Director, 1984-1985

Best paper of the year nomination, Fish. Bull. 1987 (Honorable mention).

Dept. of Commerce Individual Bronze Medal For Superior Federal Performance in career contributions in "Organizing and Directing Albacore Research During the Drift Gillnet Crises", 1992.

Dept. of Commerce Group Bronze Medal For creating a proactive, inclusive, stakeholder focused process resulting in a Pacific Coast Highly Migratory Species fishery management plan. 2003

Service on Scientific Committees and Workshops (Partial List):

American Society of Limnology and Oceanography,
37th Annual Meeting, Chairman, Fish Section
International Commission for the Conservation of
Atlantic Tunas, Scientific Committee on Research
and Statistics:
1977: USA Delegate and Rapporteur for Albacore
Stock Assessment
1978: USA Delegate and Rapporteur for Albacore
Stock Assessment
1979-1981: USA Delegate and Rapporteur for
Albacore Stock Assessment
1982: USA Delegate and rapporteur for Albacore and
Temperate Multi-species Interactions
1982: Chairman of Working Group to Reorganize the
Scientific Committee on Research and Statistics
1983: USA Delegate and Rapporteur for Skipjack
Tuna Stock Assessment
1983: 1984: Chairman, Standing Committee on
Statistics, ICCAT Scientific Committee on
Research and Statistics
1984: USA Delegate and Rapporteur for Skipjack
Tuna Stock Assessment
1985: USA Delegate and Rapporteur for Albacore
Stock Assessment
Swordfish Workshop, Miami: Invited Participant, 1977.
Third North Pacific Albacore Workshop,
Honolulu: Rapporteur for Albacore Stock
Assessment, 1978.
American Institute of Fishery Research Biologists,
Stock Abundance Estimation Workshop,
Chairman, 1978
Billfish Stock Assessment Workshop, Honolulu:
Rapporteur for Striped Marlin Stock Assessment,
1978
American Institute of Fishery Research Biologists,
Workshop on Communication Techniques,
Committee Member, 1979
Workshop on the Assessment of Selected Tuna and
Billfish Stocks in the Pacific and Indian Oceans,
Shimizu: Rapporteur for Pacific Yellowfin Stock
Assessment, 1979
Fourth North Pacific Albacore Workshop, Shimizu:
Rapporteur for Albacore Stock Assessment, 1979

Fifth North Pacific Albacore Workshop, La Jolla:
Chairman and Rapporteur for Albacore Stock
Assessment, 1980

Sixth North Pacific Albacore Workshop, Shimizu:
Rapporteur for Albacore Stock Assessment, 1981

Seventh North Pacific Albacore Workshop, La Jolla:
Chairman and Rapporteur, 1982

Eighth North Pacific Albacore Workshop, Shimizu:
Rapporteur, 1983

Ninth North Pacific Albacore Workshop, La Jolla:
Chairman and Rapporteur, 1985

Tenth North Pacific Albacore Workshop, Shimizu:
Rapporteur, 1987

Eleventh North Pacific Albacore Workshop, La Jolla:
Chairman and Rapporteur, 1989

Twelfth North Pacific Albacore Workshop, Shimizu:
Co-Chair & Rapporteur, 1991

Lake Arrowhead Tuna Conference (28th - 43rd),
Participant and Moderator, 1977-1993

39th Lake Arrowhead Tuna Conference, Chairman,
1988

FAO Expert Consultation on Pacific Tuna Fisheries
Interactions, preparatory meeting, 1989

FAO Expert Consultation on Pacific Tuna Fisheries
Interactions, Chair of North Pacific Albacore
Panel, 1991

Thirteenth North Pacific Albacore Workshop, La Jolla:
Chairman, 1993.

Pacific International Swordfish Symposium Ensenada:
Co-Chair & Steering Committee member, 1994

Fourteenth North Pacific Albacore Workshop, Taipei:
Co-Chair, 1995.

Interim Scientific Committee for Tuna and Tuna-Like Species in the North
Pacific Ocean, U.S. Delegation member: 1996, 1999-2008

2nd Pacific International Swordfish Symposium Honolulu:
Panel Chair & Steering Committee member, 1997

Fifteenth North Pacific Albacore Workshop, Nanaimo:
Co-Chair, 1997.

American Fishermen's Research Foundation: NMFS Scientific Advisor to the
Board of Directors, 1985-2000.

Pacific Fishery Management Council Highly Migratory Species Fishery Plan
Development team member, 1999-2004.

University of Southern California Sea Grant Program: NMFS Program Advisor,
2001-present.

NMFS Facilities Task Force, 2001-2002.

National Task Force for Improving Fish Stock Assessments. 2001
NMFS Publication Committee.

Pacific Fishery Management Council Highly Migratory Species Fishery
Plan Team member, 2002-2004

NMFS Demonstration Pay Management Board, 2004- 2009

Joint Institute for Marine Observations (JIMO), UCSD; Executive Board
Member, 2008-2011.

International Scientific Committee for Tuna and Tuna-Like Species in the North
Pacific Ocean, U.S. Delegation Leader, 2009

Pacific Fishery Management Council, Southwest Fisheries Science Center
Executive leader , 2007-2009.

NMFS Science Board Member, 2007-2009

NMFS Executive Leadership Council member, 2008-2009.

Joint Institute for Marine Observation (JIMO) SIO/UCSD Advisory Board
Member, 2008-2009