

EDWARD L. MILES

Curriculum Vitae

PRESENT POSITION: Virginia and Prentice Bloedel Professor of Marine Studies, and Public Affairs, University of Washington. Former Director, School of Marine Affairs, 1982-1993.

Senior Fellow, Joint Institute for the Study of Atmosphere and Ocean (JISAO), University of Washington.

Co-Director Center for Science in the Earth System (CSES), University of Washington.

Director of the CSES Climate Impacts Group (CIG), University of Washington.

Adjunct Professor, School of Fisheries, University of Washington.

EDUCATION:

1962: B.A. Magna cum laude, honors in History, Howard University Washington, D. C.

Summer 1962: Certificate of Achievement, International Summer School, University of Oslo, Oslo, Norway.

Summer 1964: Research Assistant, Stanford Studies of the Communist System, Stanford University.

1962-65: Graduate study in international relations, University of Denver, Ph.D. in International Relations, August, 1965. (Related fields in Sociological Theory and Comparative Politics.)

HONORS AND AWARDS:

Phi Beta Kappa.

Phi Alpha Theta, National Honor Society in History.

Pi Sigma Alpha, National Honor Society in Political Science.

Hill Foundation Fellow, 1962-63; Methodist Teaching Fellow, 1963-65, Graduate School of International Studies, University of Denver.

Ford Foundation Grant, June 1968-January 1970.

Carnegie Endowment for International Peace Grant, Sept./Oct. 1969.

Member, Board of Editors, International Organization 1969-1976.

Associate Editor, Ocean Development and International Law Journal.

Member, Editorial Board, Sage Professional Papers in International Studies.

1972-73, International Affairs Fellowship, Council on Foreign Relations, Inc.

1973, Resources for the Future, Inc. Research Grant.

1973, Carnegie Endowment for International Peace, Travel Grant.

1973-74, James P. Warburg Fellow of the University Consortium for World Order Studies, Center for International Affairs, Harvard University.

1973-74, Senior Fellow, Woods Hole Oceanographic Institution.

1974, Carnegie Endowment for International Peace, Travel Grant.

Member, U. S. National Commission for UNESCO, 1974-1977.

Chairman, Ocean Policy Committee, National Academy of Sciences/National Research Council, 1974-1979.

Member, Advisory Panel, National Sea Grant Program, National Oceanic & Atmospheric Administration, U.S. Department of Commerce, 1970-1972.

Member, Executive Board, Law of the Sea Institute, Univ. of Hawaii, 1972-1981 and 1985-1993. President, 1989-1993.

Member, Editorial Board, Reviews in Aquatic Sciences, 1988-1991.

Member, Board of Advisors, Patterson School of Diplomacy and International Commerce, University of Kentucky.

Chairman, Advisory Committee for International Programs, National Science Foundation, 1990-1993.

Member, Advisory Committee for the Social, Behavioral, and Economic Science, Nat'l Science Foundation, 1993-1995.

Member, Climate and Global Change Advisory Panel, Office of Global Programs, NOAA, 1996 to present.

Member, International Scientific and Technical Advisory Committee, International Research Institute for Climate Predictions, Lamont-Doherty Earth Observatory, Columbia University Earth Institute, 1996-present.

Member, Science Advisory Panel, U.S. Commission on Ocean Policy

1976-80, Principal Investigator, North Pacific Project, Institute for Marine Studies, University of Washington, supported by the Rockefeller Foundation.

1980-83, Principal Investigator, North Pacific Project, Institute for Marine Studies, University of Washington, supported by the National Science Foundation.

1985, Principal Investigator, The World Fisheries Project, Institute for Marine Studies, supported by the Andrew W. Mellon Foundation.

1986-87, Sabbatical Award University of Washington. Appointed Consultant to the Nuclear Energy Agency, OECD, Paris, France.

1993-94, Sabbatical Award of University of Washington. Appointed Consultant to the Intergovernmental Panel on Climate Change, WMO, Geneva; Visiting Professor, Institute of Political Science and Center for International Climate and Energy Research (CICERO), University of Oslo; Senior Fellow, Fridtjof Nansen Institute, Lysaker, Norway.

1995-Present, Principal Investigator Project on the Impacts of Climate Variability, Climate Change, and Response Strategies in the Pacific Northwest, supported by the Office of Global Programs, NOAA.

1999, College of Ocean and Fisheries Sciences, University of Washington, Distinguished Research Award.

2001-2002, Sabbatical Award, University of Washington.

2003, April 29. Elected to Membership in the U.S. National Academy of Sciences.

FIELDS OF SPECIALIZATION:

International Law and Organization; Science, Technology, and International Relations; Marine Policy and Ocean Management; and the Impacts of Climate Variability and Climate Change.

ACADEMIC APPOINTMENTS:

1965-66, Instructor in International Relations, Graduate School of International Studies (GSIS), University of Denver.

1966-70, Assistant Professor of International Studies, GSIS, University of Denver.

1970-74, Associate Professor of International Studies, GSIS, University of Denver.

1974-Present, Professor of Marine Studies and Public Affairs, Institute for Marine Studies, University of Washington.

1982-1993, Director, School of Marine Affairs (formerly Institute for Marine Studies),
University of Washington.

1994-Present, Virginia and Prentice Bloedel Professor of Marine Studies & Public Affairs

1995-Present, Senior Fellow, Joint Institute for the Study of Atmosphere and Oceans
(JISAO).

2002-Present, Co-Director, Center for Science in the Earth System (CSES), JISAO.

Courses taught at GSIS:

International Relations. (Undergraduate only).

International Organization. (Graduate and Undergraduate).

International Law. (Graduate only).

Science, Technology and International Relations. (Graduate only).

Courses taught at UW (Graduate only):

International Organizations and Ocean Management.

International Science and Technology Policy.

Ocean Policy and Resources Seminar (joint with School of Law).

Regional Implementation of Exclusive Economic Zones.

National Ocean Policy Processes: United States & Comparative.

The Management of Non-Living Marine Resources, joint with John Delaney, School of
Oceanography

Governmental Responses to Global Climate Change, Course jointly sponsored by School of
Marine Affairs, Graduate School of Public Affairs, School of Oceanography, and Dept. of
Atmospheric Sciences.

Advanced Marine Affairs Practice: Integrated Assessment.

SCHOLARLY RESEARCH:

Ph.D. Dissertation: "The Process and Politics of the Intergovernmental Codification of
International Law at the Supranational Level."

PUBLICATIONS:

Monograph with John Gillooly: Processes of Interaction Among the Fourteen Communist
Party-States: An Exploratory Essay, Stanford Studies of the Communist System, Stanford
University, March 1965. A revised version of this essay has been published in: Jan F. Triska
(ed.) Communist Party-States: Comparative and International Studies, New York: Bobbs-
Merrill and Co., 1969, pp. 106-134.

"Socio-Cultural Problems Involved in Expanding Use of Marine Protein Concentrate for Human Consumption," paper presented to the Mershon Conference on Law, Organization and Security in the Use of the Oceans, The Ohio State University, October 5-7, 1967.

"Organizations and Integration in International Systems," The International Studies Quarterly, Vol. 12, #2, (June 1968), pp. 196-224.

"Development of Legal Regimes to Guide Space Exploration," paper presented to the American Institute of Aeronautics and Astronautics Conference on the Impact of Aerospace Science and Technology on Law and Government, August 28-30, 1968.

"Technology, Ocean Management and the Law of the Sea: Some Current History," The Denver Law Journal, Vol. 46, #2 (Spring 1969), pp. 240-260.

"Relationships Between Technology and Intergovernmental Cooperation in International Organizations," paper presented to the Conference on Functionalism and the Changing Political System, Bellagio, Italy. November 20-23, 1969.

"The Logistics of Interviewing in International Organizations," International Organization, Vol. XXIV, #2 (Spring 1970), pp. 361-370.

"A Preliminary Research Design for Analyzing Structure and Process in the Emerging International Decision-System for Ocean Exploration and Exploitation," paper presented to the Section on Marine Sociology, Eastern Sociological Association, New York, April 1970.

Member of the Joint Carnegie Endowment/Twentieth Century Fund International study group on the management of Satellite Telecommunications. See Gordon L. Weil (Rapporteur). Communicating by Satellite: An International Discussion, New York, 1969. Brenda Maddox (Rapporteur). The Role of International Organizations in the Regulation of Communications in Outer Space. New York, 1971.

"Transnationalism in Space: Inner and Outer," International Organization, Vol. XXV, #3 (Summer, 1971), pp. 602-625.

"Intangible and Non-Ocean Elements of the Negotiation Process at a Future Law of the Sea Conference," paper presented to the Sixth Annual Meeting of the Law of the Sea Institute, August 1971, University of Rhode Island, June 23, 1971. Published in the Proceedings of the Conference.

Organizational Arrangements to Facilitate the Global Management of Fisheries. Resources for the Future, Inc., Program of International Studies of Fisheries Arrangements, 1974.

"An Interpretation of the Caracas Proceedings," in Francis Christy et. al. (eds.), Law of the Sea: Caracas and Beyond. Cambridge, Mass.: Ballinger Publishing Co., 1975, pp. 39-95.

"Memorandum on Future U.S./Canadian Maritime Problems in Multilateral Settings," background paper for the Joint Canadian Institute of International Affairs/World Peace

Foundation Conference on Future U.S./Canadian Maritime Problems. Niagara-on-the-Lake, Ontario, January 17-19, 1975.

Edward Miles and Robert Stockman, Report on the International Transfer of Marine Technology, prepared for the Ocean Economics and Technology Office, Resources and Transport Division, the United Nations, January 1975.

"The Dynamics of Global Ocean Politics," in Douglas Johnston (ed), Law of the Sea: The Rise of the Coastal Community, (Lon: Croom Helm, Ltd., 1976, pp. 147-181).

"An Interpretation of the Geneva Proceedings - Part I," Ocean Development and International Law Journal, Vol. 3, #3 (1976), pp. 187-224. "An Interpretation of the Geneva Proceedings - Part II," Ocean Development and International Law Journal, Vol. 3, #4 (1976), pp. 303-340.

"An Assessment of the Impact of Proposed Changes in the Law of the Sea on Regional Fishery Commissions, on FAO Technical Assistance Programs in Fisheries and on the FAO Committee on Fisheries and Department of Fisheries." FAO, 1975. Doc. #COFI: C/4/76 Inf. 3, February 1976. Reprinted in Ocean Development and International Law Journal, Vol. 4, #4 (1977), pp. 409-44.

An Evaluation of the Political Influence of the Committee on Space Research (COSPAR) and the Scientific Committee on Oceanic Research (SCOR)," Conference on International Scientific and Professional Associations and the International System, November 12-13, 1976, University of Pennsylvania. Published in William Evan (ed.) Knowledge and Power in a Global Society, (Los Angeles: Sage Publications, Inc. 1981), pp. 133-152.

Special Editor, "Restructuring Ocean Regimes: The Implications of the Third United Nations Conference on the Law of the Sea," International Organization, Vol. 31, #2 (Spring 1977). Author of "Introduction," pp. 151-158.

"The Structure and Effects of the Decision Process in the Seabed Committee and the Third United Nations Conference on the Law of the Sea," pp. 159-234.

Edward Miles and John Gamble (eds.). Law of the Sea: Problems of Implementation, (Cambridge: Ballinger Publishing Co., 1977). "An Interpretation of the Revised single Negotiating Text, Part I," in ibid, pp. 373-379.

"On the Utility of Regional Arrangements in the New Ocean Regime," in Douglas Johnston (ed.) Regionalization of the Law of the Sea, Cambridge, MA: Ballinger Publication Co., 1978.

Ocean Policy Committee, Commission on International Relations, NAS/NRC, United States Interest and Needs in the Coordination of International Oceanographic Research, Rapporteur, Report of a Workshop, (Washington, D.C.: National Academy of Sciences, 1981).

"The Management of Tuna Fisheries in the West Central and Southwest Pacific," paper for FAO, Dept. of Fisheries, Expert Consultation on Monitoring, Control and Surveillance Systems for the Management of Fisheries, Rome, April 27-30, 1981, 24 pp.

"United States Distant-Water Oceanography in the New Ocean Regime," in Peter G. Brewer (ed), Oceanography: The Next Fifty Years (New York: Springer Verlag, 1982), pp. 284-301.

"On the Roles of International Organizations in the New Ocean Regime," in Choon-ho Park (ed.), The Law of the Sea in the 1980s Honolulu: (University of Hawaii Press, 1983), pp. 383-445.

"IOC Data and Information Exchange: Implications of the Law of the Sea Convention," Marine Policy, Vol. 7, #2 (April 1983), pp. 75-89.

Edward Miles and Scott Allen (eds.). The Law of the Sea and Ocean Development Issues in the Pacific Basin, (Honolulu: University of Hawaii Press, 1983).

Edward L. Miles, Kai N. Lee and Elaine Carlin. Nuclear Waste Disposal Under the Seabed: Assessing the Policy Issues, (Berkeley: Institute of International Studies, University of California, 1985), Policy Papers in International Affairs, No. 22.

Principal Investigator, The North Pacific Project, Institute for Marine Studies: The Project has completed the following studies:

Christine L. Dawson (ed.), The North Pacific Project (Seattle: Institute for Marine Studies, University of Washington, 1977, IMS-UW-77-1). A selection of papers from this report has been published in Ocean Development and International Law Journal, Vol. 6 (1979).

The Management of Marine Regions: The North Pacific, (Los Angeles, Berkeley and London: University of California Press, 1982).

Atlas of Marine Use for the North Pacific Region, (Los Angeles, Berkeley and London: University of California Press, 1982).

Regional Collaboration in Marine Scientific Research: The Case for a Pacific International Council for the Exploration of the Sea. MS. completed, Spring 1985. National Science Foundation Grant #OCE-8011422.

Edward Miles, Robert Pealy and Robert Stokes (eds.), Natural Resources Economics and Policy Applications: Essays in Honor of James A. Crutchfield, (Seattle: Univ. of Wash. Press, 1986).

Edward L. Miles, Science, Politics and International Ocean Management, (Berkeley, CA: Institute for International Relations, 1986).

Edward L. Miles, "The Future of Distant Water Fishing," in Choon-ho Park and Jae Kyu Park (eds.), The Law of the Sea: Problems from the East Asian Perspective, (Honolulu, HI: University of Hawaii Press, 1987), pp. 18-25.

Edward L. Miles, "The Evolution of Fisheries Policy and Regional Commissions in the North Pacific Under the Impact of Extended Coastal State Jurisdiction," in FAO. Essays in Memory of Jean Carroz: The Law and the Sea, (Rome: RAO, 1987, pp. 139-157.

Edward L. Miles (ed.). The Management of World Fisheries: Implications of Extended Coastal State Jurisdiction, (Seattle, WA.: University of Washington Press, 1989).

"Les Dimensions Internationales de L'Amenagement de la Peche," dans Jean-Paul Troadec (ed.). L'Homme et les Ecosystemes Halieutiques et Aquacoles Marins, (Paris: IFREMER, 1989), pp. 681-709.

"Preparations for UNCLOS IV?", Banquet Speech for the Twenty-Second Annual Conference of the Law of the Sea Institute, University of Rhode Island, June 12-16, 1988. To be published in the Proceedings. Published also in Ocean Development and International Law Journal, Vol. 19 (1988), pp. 421-430.

Edward L. Miles. "Scientific and Technological Knowledge and International Cooperation in Resource Management," in Willy Ostreng and Steinar Andresen (eds.). The Management of International Resources: Scientific Input and the Role of Scientific Cooperation, (London: Francis Pinter [Behaven] Publishers, 1989).

Edward L. Miles and William T. Burke. "Pressures on the United Nations Convention on the Law of the Sea of 1982 Arising from New Fisheries Conflicts: The Problem of Straddling Stocks," paper presented to the Joint Soviet Maritime Law Association/Law of the Sea Institute Symposium on the Law of the Sea, Moscow, 28 November - 2 December 1988. Ocean Development and International Law Journal, Vol. 20 (1989), pp. 343-357.

Edward L. Miles. The US/Japan Fisheries Relationship in the Northeast Pacific: From Conflict to Cooperation? (Seattle, WA: Fisheries Research Institute, University of Washington for the Fisheries Management Foundation, July 1989), Publication # FMF-FRI-003.

Edward L. Miles. "Concepts, Approaches and Applications in Sea Use Planning and Management," Ocean Development and International Law Journal, Vol. 20 (1989), pp. 213-238.

Edward L. Miles and David L. Fluharty. "U.S. Interests in the North Pacific," Ocean Development and International Law Journal, Vol. 22 (1991), pp. 325-342.

Tadao Kuribayashi and Edward L. Miles (eds.). The Law of the Sea in the 1990s: A Framework for Further International Cooperation, (Honolulu: Law of the Sea Institute, University of Hawaii, 1992).

Edward L. Miles. A Manual for Fisheries Access Negotiations, (Honiara: South Pacific Forum Fisheries Agency, 1991). [Confidential]

Edward L. Miles. "Future Challenges in Ocean Management: Towards Integrated National Ocean Policy," in Paolo Fabbri (ed.). Ocean Management in Global Change, (London and New York: Elsevier Applied Science, 1992), pp. 595-620.

Edward L. Miles. "An Interpretation of the Negotiation Process of UNCLOS III," in R. St. J. Macdonald. Essays in Honor of Prof. Wang Tieya, (Toronto: University of Toronto Press, in Press (1993).

Edward L. Miles. "Towards More Effective Management of High Seas Fisheries," Asian Yearbook of International Law, Vol. III, No. 1 (1993).

Edward L. Miles. "The Potential Role of Regional Organizations Related to the Marine Environment in the Context of Global Climate Change." The Role of Regional Organizations in the Context of Global Warming, NCAR Report #NCAR MS5231/93-7, pp. 103-110. Published in Michael H. Glantz (ed.) The Role of Regional Organizations in the Context of Climate Change, (Berlin: Springer Verlag, 1994), pp. 120-127.

Edward L. Miles and Tullio Treves (eds.). The Law of the Sea: New Worlds New Discoveries, (Honolulu: Law of the Sea Institute, 1993).

William Burke, Marc Freeberg, and Edward Miles. "The United Nations Resolutions on Driftnet Fishing: An Unsustainable Precedent for High Seas and Coastal Fisheries Management," Ocean Development and International Law Journal, Vol. 25 (1994), pp. 127-186.

Edward L. Miles. "Comments on Paper Concerning Fisheries Management in Southeast Asian EEZ's by Deb Menasveta," in K.L. Koh, R.C. Beckman, and Chia Lin Sien (eds.). Sustainable Development of Coastal and Ocean Areas in Southeast Asia: Post Rio Perspectives, (Singapore: SEAPOL, 1995), pp. 135-143.

Edward L. Miles. "The International Dimension of Fisheries Management: Past, Present, and Future," Paper presented at the 75th Anniversary Symposium of the College of Fisheries, University of Washington, 1995. Included in the Proceedings of the Symposium, 75 years: An Eminent Past, A challenging Future, (Seattle: School of Fisheries, University of Washington, 1994), pp. 104-113.

Edward L. Miles. "Ocean Policy Development in the 1990's: The Uses and Limitations of the Diplomatic Arena," in Kathleen I. Matics and Ted L. McDorman (eds.). Summary and Selected Papers of the SEAPOL TM-Regional Conference, (Bangkok: SEAPOL, 1995), pp. 32-60. (Keynote Paper of the Conference).

Venugopalan Ittekkot, Su Jilan, and E. Miles. "Oceans," Chapter 8 in Robert T. Watson et al. (eds.). Climate Change 1995, Vol. II of the Second Assessment Report of the Intergovernmental Panel on Climate Change, (Cambridge: Cambridge University Press, 1996), pp. 267-288.

Edward L. Miles. "The Approaches of UNCLOS III and Agenda 21 — A Synthesis," Paper Presented to the 29th Annual Conference of the Law of the Sea Institute, Denpasar, Bali, June 19-22, 1995. In Mochtar Kusuma-Atmadja, Thomas A. Mensa, and Bernard Oxman (eds.). Sustainable Development and Preservation of the Oceans: The Challenges of UNCLOS and Agenda 21, (Honolulu: Law of the Sea Institute, University of Hawaii, 1997), pp. 16-42).

Edward L. Miles. "Personal Reflections on an Unfinished Journey Through Global Environmental Problems of Long Timescale." Policy Sciences, Vol. 31 (1998), pp. 1-33.

Edward L. Miles. "U.S. Security Interests in a Post-Cold War World and the Law of the Sea," in Donald Anton, Jonathan Charney, and Mary Ellen O'Connell (eds.). Politics, Values, and Functions: Essays in Honor of Louis Henkin, (The Hague: Martinus Nijhoff Publishers, 1997), pp. 353-376; Simultaneously published as a special issue of the Columbia Journal of Transnational Law, Vol. 36 (1997), pp. 373-398.

Edward L. Miles. Global Ocean Politics: The Decision-Process at the Third United Nations Conference on the Law of the Sea, (The Hague: Kluwer International, 1998), 750 pp.

B. Callahan, E. Miles, and D. Fluharty. "Policy Implications of Climate Forecasts for Water Resources Management in the Pacific Northwest," Policy Science, (The Hage: Kluwer Academic, 1999) Vol. 32, pp. 269-293.

Edward Miles, Nathan Mantua, and Philip Mote. "ENSO Impacts on the Pacific Northwest: An Integrated Assessment," in W. S. Wooster and W. T. Burke (eds.). Proceedings of the Public Program, 25th Anniversary Symposium of the School of Marine Affairs, University of Washington, 1998, pp. 90-98.

Edward L. Miles. "The Concept of Ocean of Ocean Governance: Evolution Toward the 21st Century and the Principle of Sustainable Ocean Use," paper presented to the SEAPOL Workshop on Ocean Governance and System Compliance in the Asia-Pacific Context, Rayong, Thailand, December 9-11, 1997, 52 pp. Published in Coastal Management, Vol. 27, No. 1 (January-March, 1999), pp. 1-30.

Edward L. Miles, Amy Snover, Alan Hamlet, Bridget Callahan, and David Fluharty. 2000. "Pacific Northwest Regional Assessment: The Impacts of Climate Variability and Climate Change on the Water Resources of the Columbia River Basin," *Journal of the American Water Resources Association*, Vol. 36, No. 2 (April), pp. 399-420. Winner of the 2001 Boggess Award for the best paper published in the Journal during 2000.

Edward L. Miles, Arild Underdal, Steinar Andresen, Jørgen Wettestad, Jon Birger Skjaereth, and Elaine Carlin. 2002. Environmental Regime Effectiveness: Confronting Theory with Evidence, (Cambridge, MA: MIT Press).

Edward L. Miles, Amy Snover, and the JISAO/SMA Climate Impacts Group. Rhythms of Change: An Integrated Assessment of Climate Impacts on the Pacific Northwest, (Cambridge, MA: MIT Press, in revision).

Arild Underdal and Edward Miles, Explaining Regime Effectiveness: Combining "Soft" and "Hard" Methodological Approaches, prepared for the International Studies Association 2001 Covention, Chicago, IL, February 21-24, 2001.

Edward L. Miles. 2001 "Global Climate Change and Marine Policy: A Challenge for the New Millennium," Keynote Speech, SEAPOL Inter-Regional Conference on "Ocean Governance and Sustainable Development in the East and Southeast Asian Seas: Challenges

in the New Millennium.” Published in Douglas M. Johnston and Ankana Sirivivatnanon. 2002. *Ocean Governance and Sustainable Development in the Pacific Region*, (Bangkok: Southeast Asia Programme in Ocean Law, Policy and Management (SEAPOL), pp. 16-50.

Edward L. Miles. 2001. “Principles, Policies, and Institutional Arrangements for Coastal and Marine Management in the Malacca Straits.” Paper presented to the Second International Conference on the Straits of Malacca, 15-18 October, Penang. Paper published 2002 in F. M. Yusoff et al. *Tropical Marine Environment: Charting Strategies for the Millennium*, (Serdang, Selangor: Malacca Straits Research and Development Centre [MASDEC], University Putra Malaysia), pp. 45-52.

Edward L. Miles. 2004. “Beyond the Kyoto/Marrakesh Protocol: Options and Strategies”. In Peterson, D. L. and J. L. Innes (eds.), *Climatic Change, Carbon, and Forestry in Northwestern North America*, USDA Forest Service General Technical Report GTR-PNW-614, Pacific Northwest Research Station, Portland, Oregon, USA.

Edward L. Miles. 2002. “Testimony of the Five Pilot Projects of the Regional Integrated Sciences and Assessments (RISA) Program of NOAA’s Office of Global Programs (OGP),” U.S. House, Committee on Science, 107th Congress, 2nd Session, *Hearing on New Directions for Climate Research and Technology Initiatives*, April 17, Serial No. 107-56, (Washington, D.C. GPO), pp. 40-63.

Mote, P. W., E. A. Parson, A. F. Hamlet, K. G. Ideker, W. S. Keeton, D. P. Lettenmaier, N. J. Mantua, E. L. Miles, D. W. Peterson, D. L. Peterson, R. Slaughter, and A. K. Snover. 2003. “Preparing for Climate Change: The Water, Salmon, and Forests of the Pacific Northwest,” *Climatic Change*, 61:45-88.

Strom, Are, Robert C. Francis, Nathan J. Mantua, Edward L. Miles, David L. Peterson. 2004. North Pacific Climate Recorded in Growth Rings of Geoduck Clams: A New Tool for Paleoenvironmental Reconstruction. *Geophysical Research Letters*, Vol. 31, L06206, doi: 10.1029/2004GL019440, 2004.

Anderson, Melissa, Edward L. Miles and David L. Fluharty. A Comparison of the Incorporation of Climate Forecasts and Other Climate Information by Coastal Managers in the Pacific Northwest Between 1998 and 2003. To be presented at The Coastal Society 19th International Conference, May 23-26, 2004. To be published in the Conference Proceedings

Miles, Edward L. 2003. “Beyond the Kyoto/Marrakesh Protocol: Options and Strategies,” accepted for publication in Peterson, D. L. and J. L. Innes. 2003. *Climatic Change, Carbon, and Forestry in Northwestern North America*. USDA Forest Service General Technical Report GTR-PNW-xxx. Pacific Northwest Research Station, Portland, Oregon, USA.

Snover, A. K., E. L. Miles, and A. F. Hamlet. 2003. Learning from and Adapting to Climate Variability in the Pacific Northwest. Background Paper for: Insights and Tools for Adaptation: Learning from Climate Variability, Washington, D.C., November 18-20, (pp. 167-179). NOAA/OAR Office of Global Programs, Climate and Societal Interactions. JISAO pub. #1029.

AFFILIATIONS:

1. Member, Scientific and Statistical Committee, North Pacific Fishery Management Council, Anchorage, AK, 1976-1982.
2. Joint Appointee(1978-1982) and Chief Negotiator, 1980-1993, Micronesia Maritime Authority, Federated States of Micronesia, Kolonia, Ponape, Eastern Caroline Islands.
3. Appointed to the Advisory Committee of Experts on Marine Resources Research of FAO by the Director-General of FAO, May 1981-December 1988.
4. U.S. Representative to and Chairman of the Legal and Institutional Task Group, Seabed Working Group, Nuclear Energy Agency, OECD, Paris, 1982-1983; Chairman of the Advisory Group on the International Implications of Disposal of High-Level Radioactive Waste into the Seabed, 1983-1986; Advisor to the Executive Committee, Seabed Working Group, NEA/OECD, 1984-87.
5. Chairman, Advisory Committee for International Programs, National Science Foundation, 1990-92.
6. Member, Advisory Committee for the Social, Behavioral, and Economic Sciences, National Science Foundation, 1992-1994.
7. UN Appointee, Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP), 1992.
8. Intergovernmental Panel on Climate Change (IPCC), WG II-B, "Oceans and Large Lakes," 1995 Assessment, Lead Author for Marine Policy, 1994-1995.
9. Member, Climate and Global Change Panel, NOAA/Office of Global Programs, 1996-Present.
10. Chairman, Pacific Northwest Regional Workshop on Climate Change Impacts, Office of Science and Technology Policy (OSTP), the White House, and the U.S. Global Change Research Program (USGCRP), Seattle, July 14-16, 1997.
11. Board Member, Olympic Park Institute, Jan. 1997 – September 2002.
12. Member, International Scientific and Technical Advisory Committee, International Research Institute on Climate Prediction (IRI), Lamont-Doherty Earth Observatory Columbia University Earth Institute, Fall 1996 – Present.
13. Trustee, The H. John Heinz III Center for Science, Economics, and the Environment, Washington, D.C., 1999-present
14. Member, Science Advisory Panel, U.S. Commission on Ocean Policy, 2002-Present.
15. Member, Division Oversight Committee for the Division of Policy and Global Affairs, National Academy of Sciences.