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Education

B.A. (1971) Colby College [History and Government majors]

Ph.D. (ABD) University of Pennsylvania, International Relations (1971-76)

Ph.D. (1992) University of Maine, Economic History

Elected to Phi Kappa Phi honor society, University of Maine.

Employment

1996-Present, Professor of Public Policy and Management, Edmund S. Muskie School of Public Service, University of Southern Maine.

1997-Present, Chair, Graduate Program in Community Planning and Development, Edmund S. Muskie School of Public Service, University of Southern Maine.

1991-Present, Senior Research Associate, Center for Business and Economic Research, University of Southern Maine

1989-96 Associate Professor of Public Policy and Management, Edmund S. Muskie School of Public Service, University of Southern Maine.

1987-1989, State Economist, Maine State Planning Office

1986-1987 Special Assistant for Trade, Office of the Governor

1983-1989 Adjunct Professor of Economics, Thomas College, Waterville, Maine

1985-1987 Director of Research, Finance Authority of Maine

1984-1985 Director of Policy, Maine State Planning Office

1981-1984 Senior Economist, Maine State Planning Office

1977-1981 Senior Planner, Maine State Planning Office

1976-1977 Planning Analyst, Maine State Planning Office

1976 Lecturer in Political Science, Muhlenberg College

Courses Taught:

University of Southern Maine (Graduate)

Doctoral Seminar in Public Policy
Economics and Public Policy
Introduction to Policy Analysis and Planning
Introduction to Computers
Government-Business Relations
State and Regional Economic Development
The Policy Development Practicum
Environmental Policy
Advanced Research Methods
Strategic Planning (co-taught)
Transportation Economics
Economic Impact Analysis

Bates College (Undergraduate)

Short term courses in public and environmental policies
(co-taught)

Thomas College (Graduate)

Economics of the Firm
Government Business Relations
Government Regulation of Business
Tax Basis of Corporate Decision Making
Issues in National and International Economics

University of Maine at Farmington (Undergraduate)

Consumer Economics

Muhlenberg College (Undergraduate)

Introduction to Political Science
International Law
International Politics
Model United Nations

Research Grants and Awards

- 2000 Maine Department of Marine Resources/Maine Science and Technology Foundation. Assessment of the Prospects of Marine Biotechnology Clusters in the Maine Economy.
- 1999- National Oceanic and Atmospheric Administration: The Economic Value of the Ocean (co-principal investigator)
- 1999-2001 Maine Department of Economic and Community Development Assessment of Workforce Characteristics in 17 Regions of Maine.
- 1997 Maine Department of Inland Fisheries and Wildlife, Cost Benefit Analysis of Automated Sportsmen's Data System.
- 1997-1998 United States Economic Development Administration. Evaluation of the Portland Fish Exchange and its Role in the New England Fishing Industry.
- 1996-1999 United States Department of Agriculture, National Research Initiative. The Effects of Changing Roles for Rural Hospitals on Rural Economic Development.
- 1995-96 Maine Turnpike Authority to assess feasibility of congestion tolls on the Maine Turnpike.
- 1995-96 Regional Waste Systems to investigate barriers to recycling.
- 1993-94 University of Southern Maine Faculty Research Grant to research biography of Edmund S. Muskie. (Individual Grant)
- 1993-98 U.S. Economic Development Administration for research and economic forecasting in support of economic development planning in Maine. (Grant to Center for Business and Economic Research)
- 1994-98 Maine Department of Transportation to prepare long range economic forecasts for nine regions of Maine in support of regional transportation advisory committees. (Grant to Center for Business and Economic Research)
- 1994-95 National Oceanic and Atmospheric Administration and U.S. Environmental Protection Agency for a workshop and book on economic evaluation of coastal resources. (Grant to Muske Institute)
- 1993-94 Government of Canada Faculty Research Award to analyze the Canadian Roundtables on the Environment and Economy (Individual Grant)
- 1989-1990 Government of Canada Faculty Research Award to analyze trends in state and provincial economic development policies. (individual Grant)

1990 Maine State Government-University Partnership Program to evaluate the response to the Maine Growth Management Law. (with Dennis Gale) (Grant to Muskie Institute)

Selected Consulting Projects

2000 Rhode Island House of Representatives. Identifying the Coastal and Ocean Sector of the Rhode Island Economy.

2000 Maine Marine Trades Association. The Economic Impacts of Marine Trades in Maine.

1999 Maine Department of Transportation and State Planning Office: An Economic Impact Analysis of the Proposed East-West Highway

1999 Portland Area Comprehensive Transportation Committee: Survey of Attitudes towards Regional and Local Transportation Investments.

1998 Maine Department of Marine Resources: Assessment of Aquaculture Industry Prospects in Maine.

1997 State of Maine, Department of Corrections. A Cost Benefit Analysis of Reforms in the Maine Correctional System.

1997 Maine State Planning Office and Maine Municipal Association. Analysis of Proposed Changes in Maine Tax Law.

1996- State of Maine, Bureau of General Services. *A Comprehensive Plan for Maine State Government Facilities.*

1996-1998 United States Fish and Wildlife Service Estimation of the economic value and economic impacts of protecting seabird nesting habitat on Maine coastal islands.

1995 Gulf of Maine Council on the Marine Environment analysis of economic trends affecting the coastal regions bordering the Gulf of Maine in Massachusetts, New Hampshire, Vermont, New Brunswick and Nova Scotia.

1995 Maine Department of Environmental Protection Facilitation of Governor's Commission on Emission Trading Rules.

1994-97 Maine Turnpike Authority Study of use of congestion pricing on the Maine Turnpike. (Principal Investigator)

1989-1994 Special Consultant to the Governor (John R. McKernan.)

Serve as Governor's staff representative to the United States Trade Representative's Intergovernmental Policy Advisory Committee and National Governors' Association Committee on International Trade and Foreign Policy. Staff Chair of Working Group on the Uruguay Round of Multilateral Trade Negotiations.

- 1994 Massachusetts Bays Project Analysis of organizational options for EPA-funded National Estuary Program planning project.
- Maine Economic Growth Council Assistance to legislatively- created state economic development strategy formation.
- The Maine Alliance/Maine Chamber of Commerce and Industry Assistance in economic development strategy preparation
- 1993 Casco Bay Estuary Project Analysis of organizational options for EPA-funded National Estuary Program planning project.
- National Oceanic and Atmospheric Administration and Environmental Protection Agency Organization and management of national workshop on economic and ecological valuation of marine ecosystems. (1993-94)
- Maine Development Foundation Design and program delivery/evaluation of curriculum for statewide leadership training program. (1993-95)
- 1992 National Governors' Association, analysis and recommendations relating to State-Federal relations in trade policy development and implementation.
- Maine Department of Conservation, budget trends and recommendations for forestry-related programs.
- Maine Department of Economic and Community Development, analysis of the North American Free Trade Agreement's effects on Maine.
- Maine Department of Environmental Protection, Review of economic impact studies of proposed air quality regulations.
- 1991 Government of New Brunswick, to analyze the Maine tax system.
- Maine Land Use Regulation Commission, to develop techniques for measuring the economic effects of Lake Concept Plans.
- Gulf of Maine Aquarium, to estimate economic impacts of building an aquarium
- 1990 Maine State Planning Office to estimate the economic value of the Casco Bay Region
- Michigan Department of Commerce, to assist in preparing a rural development strategy.
- 1989 Natural Resources Council of Maine to analyze the relationship between the Maine Growth Management Law and proposals for property tax reform. (with Josephine Laplante)
- Maine State Planning Office, to devise a transferable development rights system for the Moosehead Lake region.

Professional Activities

University of Southern Maine

Chair of Department Committees, including Curriculum, Academic Standing, and Search Committees.
Member of Personnel, Admissions, and Accreditation Self-Study Committees. Field Experience (Internship) Coordinator. Dean Search Committee Chair 1997 & 2000.

Member, University of Southern Maine Provost's Advisory Committee on International Academic Programs, 1990-1995. Chair, 1991-93

Member, Inter-university Council on the Wolfe's Neck Program in Environment and Society, 1993-94.

Member, University of Maine System Strategic Outlook Committee

Other

Chair, State of Maine Consensus Economic Forecasting Commission, 1992-.

Maine Model Manager, New England Economic Project, 1993-

Steering Committee Member, Maine Environmental Priorities Council (Gubernatorial Appointment) 1993-

Member of subcommittees on:

Project administration

Technical Working Group formation and administration

Indoor Air Quality Task Force

Risk Management Phase planning

Program and Research Consultant, Maine Economic Growth Council. 1994-1997

Program and Curriculum Manager, Leadership Maine (an educational program of the Maine Development Foundation) 1992-present

Department of Environmental Protection, Strategic Plan Advisory Committee, 1996-

Department of Human Services: Budget Advisory Committee, 1996-

Member, Editorial Board, *Québec Studies*

Referee for: *Quebec Studies*

Economic Development Quarterly

Coastal Management Journal

Journal of Forest History

U.S. Department of Commerce, National Oceanic and Atmospheric Administration
U.S. Department of Agriculture, National Research Initiative

Faculty Associate, Lincoln Institute of Land Policy, 1991-94.

Member, Council of State Planning Agencies (Coordinator of 1988 Annual Conference in Portland, Maine)

Delegate to the Coastal States Organization, including 2 years on Executive Committee, one as Treasurer with operating responsibility for a \$250,000/year non-profit organization

Member, Department of the Interior's Outer Continental Shelf Oil and Gas Advisory Board, including 8 years on the Policy Committee (two as Vice-Chairman) and 7 years on the Regional Technical Working Group (one as Chairman).

Faculty Member, Institute for Professional Development, Thomas College. Taught seminars in taxation of insurance and pensions and in economic forecasting.

Faculty Member, Maine Labor-Management Institute

Member, Advisory Committee on the Economic Evaluation of the National Coastal Zone Management Program, National Coastal Resources Research and Development Institute.

Member, Agriculture Advisory Committee, the University of Maine College of Life Sciences and Agriculture.

Member, Advisory Committee, University of Maine-University of New Hampshire Sea Grant Program.

Regular presentations on economic outlook for the Joint Standing Committee on Appropriations of the Maine State Legislature.

Numerous appearances at professional conferences as panelist, speaker, discussant, or panel chair. Also numerous speaking engagements at service club and trade association meetings.

Frequently interviewed by both broadcast and print media.

Guest lecturer in courses at Vermont Law School, the University of Maine, Colby College, Bowdoin College, and the University of New Hampshire.

Personal Born: November 18, 1949; New York, NY

Publications

BOOKS, BOOK CHAPTERS

Stephen Tomblin and Colgan (editors). *Cross Border Regionalism: New England and Atlantic Canada*. Forthcoming, Broadview Press.

“Introduction: Northeastern Borders in a Changing World” in Tomblin and Colgan.

“New England Economic Development” in Tomblin and Colgan.

“Investing in Maine’s Public Capital and Infrastructure: Time for A Fresh Look” *Maine Choices: 1999*. Augusta: Maine Center for Economic Policy. 1998.

Economic Analysis for Watershed Managers: A Training Program for Natural Resource Managers (Co authors: Paul Brown, David Terkla, Jerry Diamintides). Boston: Urban Harbors Institute, 1998.

“Using Indicators of Environmental Quality: Promise and Pitfalls” in Improving Interactions Between Coastal Science and Policy Washington: National Research Council, 1995.

Sustaining Coastal Resources: Economics and the Natural Sciences (editor) Muskie Institute, 1995

“Economics, Natural Sciences, and the Search for Comprehensive Environmental Policy” in Sustaining Coastal Resources

Colgan and Irland, "The Meaning of Sustainable Development: Lessons from Maine History", chapter in Sustainable Development for Maine, Muskie Institute 1994

Editor (with Joseph Slavet) The Fiscal Crisis in the States: Causes, Consequences and Lessons from the Northeast Muskie Institute of Public Affairs, 1993

"The Fiscal Crisis in the States: Introduction and Overview" in "The Road to Fiscal Hell" in Fiscal Crisis in the States).

"Economic Growth Trends in the Gulf of Maine Littoral", in Townsend, David (Editor), The Gulf of Maine as an Estuarine System Washington, NOAA Office of Estuarine Programs, 1992. Also in Maine Business Indicators, Winter, 1990.

"The Changing Economy of Maine: A Comment". in Changing Maine: The Robert Masterton Lecture Series Portland: Edmund S. Muskie Institute of Public Affairs, University of Southern Maine 1990

"The Changing Finances of Maine: A Comment" in Changing Maine: The Robert Masterton Lecture Series Portland: Edmund S. Muskie Institute of Public Affairs, University of Southern Maine 1989

The Western Mountains of Maine: Towards Balanced Growth, with Barringer, et.al: The Mainewatch Institute 1987

"A State Perspective on Federalism Issues in OCS Development" in The Newest Federalism: Coastal Issues

for the 1980's. University of Rhode Island- Center for Ocean Management Studies. 1982

"The Search for an Ocean Management Policy" in Goldstein, J. (editor) The Politics of Offshore Oil New York: Praeger Publishing 1982

JOURNAL AND OTHER ARTICLES

Colgan and Nelson. Congestion Pricing Using Offpeak Discount Tolls: Results of Two Field Experiments on the Maine Turnpike. *Under review by Transportation Economics and Statistics.*

Kildow, Colgan, and Kite-Powell. "Estimating the Economic Value of the Ocean" *Sea Technology* January, 2000.

"Long Range Economic and Population Forecasts for Maine". *Maine Business Indicators*. Summer, 1998. University of Southern Maine.

"The Catch-22 of Congestion Pricing" (Gary Quinlin, co-author) *Transportation Quarterly*, Fall 1997.

"Highway to Controversy: The Maine Turnpike and the Way Life Should Be". *Maine Policy Review*, Fall, 1997.

"Congestion Pricing Using Offpeak Tolls: Results of Two Field Experiments on the Maine Turnpike" (Randy Nelson, co-author). *Under review by Transport Economics and Policy*

"People and Places: Geography and Workforce Development in New England" *Connection: New England's Journal of Higher Education and Economic Development* Spring 1997.

"Sustainable Development and Economic Development: Lessons from Canada", *Economic Development Quarterly*, May 1997.

"The Exceptional Elephant Next Door" *Literary Review of Canada*, August, 1997.

"Brave New World: GATT, NAFTA, the U.S.-Canada Free Trade Agreement, and the future of State-Local Development Policies" *Economic Development Quarterly* May, 1995

"Regional Forecasts for Maine's Economy". (with Robert McMahon) *Maine Business Indicators*, Summer 1995.

"Electricity Prices in Maine: Trends and Prospects" *Maine Policy Review*, May 1994

"Economic Development in Maine: Emerging Opportunities" with Steven Ballard and Stephanie Seguino *Maine Policy Review*, May 1994.

"Maine Outlook" in *New England Economic Project Outlook* (May and October, 1993-present)

"Quebec Economic Development Policies in a Continental Economy" in *Quebec Studies*, Fall 1993

"Economic Development Policies in Montana", *Montana Business Quarterly* (Winter, 1992).

"The Internationalization of the Governor's Role: The New England Governors and Eastern Canadian Energy", *State and Local Government Review*, Fall, 1991

Cook, S., Colgan C., and Ashley, K. "Why Internationalize? Students from a Metropolitan University Respond". *Inquiry: Critical Thinking Across the Disciplines* 1991.

"Economics and the Environment: How Long Must the Battle Continue?" *Habitat*, Journal of the Maine Audubon Society, July 1991.

Colgan, C. and Gale, D. "Comprehensive Planning: A Progress Report on Maine's Growth Management Program", *The Maine Townsman*, March 1991.

"Economic Development Policy in Maine: The Next Debate" *Maine Business Indicators*, Portland: University of Southern Maine. Spring, 1991.

"Labor-Management Relations in Maine in the 1990's". *Maine Business Indicators*, Portland: University of Southern Maine. Summer, 1990

"An Introduction to Economics", *State of the Art Reviews in Occupational Medicine* January, 1989.

"As goes the Industry, So Goes the Forest", *Habitat*, Journal of the Maine Audubon Society, July 1988.

"The U.S.-Canada Free Trade Agreement and the Natural Resource Industries of Maine: Miles to Go and Promises to Keep", *Maine Business Indicators*, September 1988.

"Forecasting a State's Economy: The Maine Experience" with Lawton C.T. and Irland, L.C., 11 *Northeast Journal of Business and Economics* No. 1, Fall-Winter 1984.

CONFERENCE PAPERS AND ACTIVITIES

"Transportation and Land Use: How do Urban Travelers view the Tradeoffs?" 2000 Annual Meeting of the Association of Collegiate Schools of Planning, Atlanta, Georgia.

"Estimating the Economic Value of the Ocean in a National Income Accounting Framework with Preliminary Estimates of Gross Product Originating for 1997" Presented at the 2000 Meeting of The Coastal Society, Portland Oregon.

"Using Price Incentives for Environmental Policy: Lessons from the Maine Turnpike". The Next Generation in Environmental Policy Conference, 1998. Portland, Maine.

"Impacts of Tobacco Tax Increases: An Update of the Michigan Studies". Annual REMI Users Conference, Key West Florida.

"Economic Valuation of Coastal Resources", Coastal Zone 95, July 1995, Tampa Fl..

"GATT, NAFTA, and the U.S.-Canada Free Trade Agreement: Implications for State and Local Governments. Biennial Conference of the Northeast Region of the American Society for Public

Administration, October 1994. Burlington, Vt.

"Using REMI Models for Long Range Transportation Planning" presented at 1994 Regional Economic Models Inc. Users Conference, Minneapolis.

"Approaches to using economics for coastal zone management", Coastal Zone 93 (New Orleans), July 1993

Invited Participant, "A Roundtable on Subsidies Definition", Dalhousie University, 1992.

"The Impact of a North American Free Trade Agreement on the Northeastern States", presented a Conference on the North American Free Trade Agreement, University of Vermont. 1992.

"The Historical Roots of the North American Free Trade Agreement", Annual Meeting of the Society for the Advancement of Socio-Economics, March 1992.

"Economic Development Policies of American States and Canadian Provinces", Biannual meeting of the Association for Canadian Studies in the United States, November 1991.

"The Gulf of Maine: Multiple Values, Multiple Conflicts", in Proceedings of the Gulf of Maine Conference. Gulf of Maine Working Group, Maine State Planning Office. 1989.

"U.S.-Canadian Subsidies Negotiations: Negotiating in the Mirror" Proceedings of a Conference on Subsidies in the United States. Toronto, Ontario Center for International Business. 1989.

"Alternative Dispute Settlement Mechanisms and the Resolution of International Trade Disputes: Symposium Comments", Maine Law Review, 1989

"The Impacts of Federal Tax Reform on Forestry in Maine: Some Observations", in Conference Proceedings: Tax Reform: Impacts on Forestry, Maine Department of Conservation, April, 1987.

"Research Needs in U.S.-Canadian Fisheries Trade" paper presented at Conference on Resource Economies in Emerging Free Trade, University of Maine at Orono, 1986

"Subsidies in International Trade: US-Canadian Trade in Fishery and Forest Products", paper presented at the Atlantic Canada Economics Association, 1986

"Can Cooperation Work? U.S.-Canadian Joint Approaches to North Atlantic Fishery Development" paper presented at Blaine House Conference on Maine- Canadian Trade 1985

"Spruce Budworm - The Economic Impacts and the Impacts of Economics", paper presented at the Eastern Spruce Budworm Association Annual Conference, 1984.

"Flawed Process and Weak Economics: International Trade Decisions Affecting the Maine Economy" with Irland, L.C. paper presented at Annual Conference of the Northeast Business and Economics Association 1984

"The Economics of Commercial Outdoor Recreation in Maine" paper presented at Conference on Commercial Recreation and Tourism, University of Maine at Presque Isle. 1983

"The Effects of Indexing the Maine Personal Income Tax", with Lawton, C.T. Paper presented at the New England Business and Economics Association Annual Conference. 1981

"Relative to What? The Economics of Energy in Cost-Benefit Analysis", in Symposium on Relative Price Shift Analysis as Applied to Public Power Projects. New England Division, U.S. Army Corps of Engineers. 1979

Chair, Panel on Canadian and American Approaches to the Teaching of Public Administration, Northeast Chapter of American Society for Public Administration, September 1990.

MONOGRAPHS AND GOVERNMENT REPORTS

Adams, et. Al. *The Economic Benefits of an International Sustained Ocean Observing System (ISOOS)*. Washington: National Oceanic and Atmospheric Administration. 2000.

Colgan and Baker. Prospects for Marine Biotechnology in the Maine Economy. Portland: Edmund S. Muskie School of Public Service. 2000.

An Assessment of The Labor Force in Maine (Reports on each of 17 regions). 1999-2001. Portland: USM Center for Business and Economic Research.

The Changing Economic Role of Hospitals in Rural Economies: Trends and Strategic Responses. Portland: Edmund S. Muskie School of Public Service. 2000.

Higher Education Achievement in Maine Augusta: Maine Development Foundation, 1998.

An Economic Analysis of Proposed Corrections Facilities and Program Reforms for Maine Department of Corrections

Public and Private Roles in Freight Transportation Facility Development: A Strategy for Choice for Maine Department of Transportation

A Cost Benefit Analysis of Implementing and Automated Sportsman's Data System. Maine Department of Inland Fisheries and Wildlife, 1997.

Economic Prospects for the Gulf of Maine Augusta: Gulf of Maine Council on the Marine Environment, 1995 (with Janice Plumstead)

Goals for Growth: Progress 95, First Report of the Maine Economic Growth Council Augusta: Maine Development Foundation, 1995.

Uruguay Round Task Force Working Group. Report of the Intergovernmental Policy Advisory Committee on the Multilateral Trade Negotiations to the United States Trade Representative Washington: Office of the United States Trade Representative. 1994

Investing in Maine's Forest (Maine Department of Conservation), 1992.

Establishing a New State-Federal Trade Policy Partnership (Washington, National Governors' Association)

1992.

The Economic Impacts of the Proposed Gulf of Maine Aquarium, prepared for the Gulf of Maine Aquarium Project.

Colgan and Deller, Steven C. An Assessment of the Economic Impacts of the Proposed Harriman Cove Cogeneration Project Arlington, Va., AES Inc. 1991

Gale, Dennis and Colgan, C. The Growth Management Law in Maine: An Interim Report on the Views of Citizens Portland: Muskie Institute of Public Affairs. 1991.

Valuing Coastal Zone Management (Editor). Newport, Oregon: National Coastal Resources Research and Development Institute. Publication NCRI-T-90-005. 1990

The Economic Value of Casco Bay Portland: Muskie Institute of Public Affairs, and Augusta: Maine State Planning Office 1990

"Estimating the Value of Transferable Development Rights" in The Moosehead Lake Comprehensive Plan Maine State Planning Office, 1990

Widening the Maine Turnpike: A Three Part Case (with Teaching Note and Appendices). University of Southern Maine Public Policy and Management Program Case Study Series, Number 1, 1989

Laplante, J. and Colgan, C. Property Taxes and Growth Management: Policymaking at the Crossroads. Portland, Public Policy and Management Program, University of Southern Maine and Augusta, Natural Resources Council of Maine 1989

Hart, Barringer, and Colgan. The Maine Public Policy Survey Portland: University of Southern Maine Graduate Program in Public Policy and Management 1989

Maine and Canada: The Northern Future, Augusta: Commission on Maine's Future, 1989

The Maine Economy: Year End Review and Outlook: 1988, Maine State Planning Office, 1988.

The U.S.-Canada Free Trade Agreement: Effects on Maine, Maine State Planning Office, 1988.

Municipal Infrastructure in Maine: Facilities, Funding and Planning Maine State Planning Office 1988.

Report of the Forestlands Taxation Commission, Maine State Legislature, January, 1988.

Report of Governor John R. McKernan Jr.'s Tax Policy Study Committee, Maine State Planning Office, 1987.

The Maine Economy: Year End Review and Outlook: 1987, Maine State Planning Office, 1987.

A Strategy for Investing in Maine's Natural Resource Industries Finance Authority of Maine 1986

"Trends in State and Local Government Expenditures in Maine", with Irland, L.C., and Adams, S.J., Maine

State Planning Office, 1986.

New Dimensions in State Financial Assistance to Business Finance Authority of Maine 1986

Maine's Natural Resource Industries: An Assessment and Statistical Portrait with Irland, L.C. and Benson, J. Finance Authority of Maine and Maine State Planning Office 1986

New Directions in Maine's Telecommunications Policy (Report of Governor Joseph E. Brennan's Task Force on Telecommunications) Maine State Planning Office 1985

"Current Concepts of Subsidies in International Trade", with Sullivan, K. M. Boston: New England Governors Conference 1985

"Estimating the Value of River-Related Recreational Activities: A Comparison of Two Approaches Based on Case Studies of the West Branch of the Penobscot River and the Saco River" with O'Neil, W.B. and Halberg, K. University of Maine - Land and Water Resources Center. 1985

"A Critique of the OCS Resource and Bid Evaluation Procedures of the Department of the Interior" Maine State Planning Office 1984

"The State Role in Investing for the New Forest" Maine State Planning Office 1984

"The Relative Burden of the Maine Tax System" Maine State Planning Office 1984

"ENCOST - An Econometric Model for Forecasting Energy Demand in the Industrial and Commercial Sectors" Maine State Planning Office 1982

"The Economic Implications of Registering Whitewater Rapids as Critical Areas" Maine State Planning Office 1982

"The Economics of River Uses in Maine" Maine State Planning Office, 1982

The Maine Economy: A Forecast to 1990 with Lawton, C.T., et. al. Maine State Planning Office 1982

"An Analysis of Energy Forecasts related to the Sears Island Coal-Fired Generating Station" with Lawton, C.T. Maine State Planning Office 1980

"A Risk-Benefit Model for Offshore Oil Leasing and Development Decisions" Maine State Planning Office 1979

A Research Agenda for Maine State Government Maine State Planning Office. 1979

"Energy and the Maine Economy" in Lawton, C. T., et. al., The Maine Economy: An Overall Assessment Maine State Planning Office 1979

Science in the Statehouse: Alternative Channels of Technical Information for Decision Makers in Maine State Government with Fries, Sylvia, et.al. University of Maine at Orono: Social Science Research Institute 1979

"A Cost-Benefit Analysis of the Acquisition of Storm-Damaged Beach Property" in Ten Broeck, C.W., Policy Recommendations for Reducing Coastal Storm Damages, Maine Department of Conservation 1979

An Annotated Bibliography of OCS Documents in Maine editor, with Shenton, E. Maine State Planning Office 1978

Service Bases for Offshore Oil (editor) Maine State Planning Office 1978

Maine and the Search for OCS Oil and Gas Maine State Planning Office 1978

Institutional Changes in Maine State Government Agencies for Port Planning and Development with Fernald, W.F., Maine Department of Transportation 1977

"Education Finance - Issues for the 1980's" Maine State Planning Office (1983)

"The Structure and Dynamics of the Coastal Economy" Maine State Planning Office 1979