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**RESUME  
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**Education:**

B.A. Economics, University of Illinois.  
M.S. Economics, University of Illinois.  
Ph.D. Economics, University of Washington.

**Dissertation:**

"Price Trends, Economic Growth, and the Canadian Balance of Trade: A Three Country Model," published *Journal of Political Economy*, May/June 1971, pp. 596-613.  
(Dissertation: University of Washington, 1969)

**Professional Experience:**

**June 1977 to present** Senior Fellow and Director of the Center for Forest Economics and Policy Program, Resources for the Future, Washington, D.C. As Director, he has been responsible for the direction, administration, coordination, and fund-raising of the CFEP of Resources for the Future since the program's inception in 1977. The program has a professional staff of 2-3, including visiting researchers and consultants. The principal activity of the program is public policy research in forestry and related areas, leading to the publication of books, articles and reports. Major research efforts involve research on domestic and international forest policy, global environmental problems, especially as related to forests, including carbon and global warming and biodiversity, long-term timber supply, international trade in forest resources, international forest resources, multiple-use and ecosystem management of public forests, and the economics of nonindustrial private forests. Other facets of the Program include the sponsorship of conferences, workshops and symposia, lectures, testimony before Congressional committees, and an educational program.

**Fund Raising**

The Center for Forest Economics and Policy has a budget of \$300,000-\$700,000 annually. Funding has been largely external since the program's inception. Fundraising is primarily

the responsibility of the director, although significant funding is provided from RFF general support. Financial support over the years for the program and for individual projects has come from a variety of public and industry sources. These include the US Department of Agriculture, USDA Forest Service, EPA, DOE, World Bank, NOAA, USAID, the Ford Foundation, the Weyerhaeuser Company Foundation, and a number of forest industry firms and associations.

Other positions:

**June 1976 to June 1977.** Senior Associate, RR Nathan Associates, Washington, DC, Economic Consulting, International development and resource projects in Indonesia, Turkey and Korea.

**September 1973 to June 1976** Associate Professor of Economics (tenured)  
Utah State University, Logan, Utah

Principal activities involved teaching and research. Specialized in international development and resource economics.

**1972 to August 1973** Program Economist, Asia Bureau, Agency for  
International Development, Department of State,  
Washington, D.C.

Duties included the assessment and evaluation of existing and proposed AID programs in Asia and monitoring and assessing the overall economic and balance of payments situation of particular countries. Active in a troubleshooting role related to existing program problems. In this role evaluated and reported on the Provincial Development Program in the Philippines, the Helmand River Project and the proposed Financial Development Program in Afghanistan, and the On the Farm Water Program in Turkey.

**1970 to 1972** Economist, U.S. Agency for International  
Development, Seoul, Korea.

Principal duty was as technical advisor to the Economic Planning Board (EPB) of the Republic of Korea for the construction of the Third Five-Year Economic Development Plan, 1972-1976. The major task involved working with the EPB on the construction of the sectoral input-output model utilized in the Plan. Additional duties involved working with the Korean government on the creation of the Korean Development Institute and assisting the AID Mission in various types of economic analyses, particularly involving balance of payments, debt servicing, economic growth potential, and project evaluation.

**1968-1970** Assistant Professor of Economics, Utah State  
University, Logan, Utah.

### **Recent Honors, Awards and Assignments**

- Appointed to EPA's Science Advisory Board (SAB) Panel to review the technical document on accounting methodology for carbon dioxide emission from biogenic sources. October 2011.

- Honorary Doctor of Humane Letters (L.H.D.) conferred for scholarship by the State University of New York and the SUNY College of Environmental Science and Forestry, awarded on May 14, 2011.
- Member of the National Academies Board on Agriculture and Natural Resources, April 2009 - 2012.
- Co-recipient of the 2007 Nobel Peace Prize as one of the contributing authors of the Intergovernmental Panel on Climate Change (IPCC) Reports.
- U.S. Speaker and Specialist, Current Global Resources and Environmental Issues, U.S. Department of State, Indonesia, 8-23 August 2008.
- Affiliate Member of the Sloan Industries Study Program, 2006 - present
- Delegate, U.S. Department of Agriculture sponsored delegation to China on Forest Policy, November 1-15, 2005
- Co-Convening Lead Author, IPCC Third Assessment Report on Climate Change, WG 3, Chapter 4, 2001, as well as contributor to the 2004 and 2007 Assessment Reports.
- Visiting Scientist, Food and Agricultural Organization of the UN (FAO), Rome, April –July 2005.
- Fulbright Visiting Professorship at the University of Alberta, Edmonton, in August – November 2003.
- Elected Fellow of the Society of American Foresters of outstanding service to forestry and to the Society, 2003.
- President and Chair, Environmental Literacy Council, a Washington, DC NGO. 2000- 2009.
- Received the **Best Book Award** for 2000 from the Section for Environmental and Natural Resources Administration of the American Society of Public Administration for *A Vision for the U.S. Forest Service: Goals for Its Next Century*, Resources for the Future, 2000, Washington, D.C.
- Recipient 2002 and 2006 Mellon Fellowship in Environmental Regulatory Implementation, 2002- 2004, 2006-2008.
- 2002 S.J. Hall Lectureship in Industrial Forestry, University of California, Berkeley, College of Natural Resources

- Honorary Member Editorial Committee of the new English quarterly journal *Chinese Forestry Science and Technology*, Published by the Chinese Academy of Forestry, 2002 – present
- Recipient of the Julian Simon Fellowship 2000, Awarded by the Political Economy Research Center, Bozeman Mt.
- Distinguished Visitor in Forestry and Natural Resources, William Main Program, University of California, Berkeley, Winter 2000.
- Member, US Delegation to the FAO – World Forestry Congress, 10<sup>th</sup> Session, Antalya, Turkey, 1997

### Books:

*Perspectives on Sustainable Resources in America*, edited by Roger A. Sedjo, 2008. pps. 240, Resources for the Future, Washington, DC.

*Economics of Forestry*, edited by Roger A. Sedjo, 2003, pp. 477, Part of the series “International Library of Environmental Economics and Policy.” Tom Tietenber and Wendy Morrison, General Editors, Ashgate Publishing Limited, Cromwell Press, Trowbridge, Wiltshire, UK,

*A Vision for the U.S. Forest Service: Goals for Its Next Century*, edited by Roger A. Sedjo, 2000, Resources for the Future, Washington, D.C. 273 pp., (Received the **Best Book Award** for 2000 from the Section for Environmental and Natural Resources Administration of the American Society of Public Administration).

*Sustainability in Temperate Forests*, by R.A. Sedjo, A. Goetzl and S.O. Moffat, August 1998, RFF, 102 pps, Washington, DC.

*Economics of Carbon Sequestration in Forestry*, editors, R.A. Sedjo, R. Neil Sampson and Joe Wisniewski, Lewis Publishers, 363 pps, Boca Raton, 1997, and also in *Critical Reviews in Environmental Science and Technology*, Vol. 27:1-364, Special Issue.

*Modeling Sustainable Forest Ecosystems*, edited Proceedings, editors Dennis C. LeMaster and Roger A. Sedjo, American Forests Press, 189 pps, 1992, Washington.

*Global Forests: Issues for Six Billion People* by Jan Laarman and Roger Sedjo, McGraw-Hill, 337 pps, 1991 New York.

*America's Renewable Resources: Past Trends and Present Challenges* (co-editor with Kenneth Frederick), Resources for the Future, 295 pps, 1991, Washington..

*The Long-Term Adequacy of World Timber Supply*, by Roger Sedjo and Kenneth Lyon, Resources for the Future, Washington, D.C., 230 pages, 1990.

*Investments in Forestry: Resources, Land Use and Public Policy* (editor), Westview Press, Boulder, Colorado, 246 pages, 1985.

*The Comparative Economics of Plantation Forestry: A Global Assessment*, Baltimore, Maryland, Johns Hopkins Press for Resources for the Future, 192 pages, 1983.

*Governmental Interventions, Social Needs and the Management of U.S. Forests* (editor), Baltimore, Maryland, Johns Hopkins Press for Resources for the Future, 320 pages, 1983.

*Postwar Trends in U.S. International Forest Products Trade: A Global, National, and Regional View*, by Roger A. Sedjo and Samuel J. Radcliffe, Baltimore, Maryland, Johns Hopkins Press for Resources for the Future, 595 pages, 1981.

*Issues in U.S. International Trade in Forest Products*, Roger Sedjo (editor), Baltimore, Maryland, Johns Hopkins Press for Resources for the Future, 268 pages, 1981.

*Policy Alternatives for Nonindustrial Private Forests* by Roger A. Sedjo and David M. Ostermeier, Bethesda, Maryland, Society of American Foresters, 65 pages, 1978.

#### **Articles, Published Papers, Book Chapters, and Reviews**

“Forest Carbon Sequestration.” Chapter 5, by Robert Mendelsohn, Roger Sedjo, and Brent Sohngen. In *FISCAL POLICY TO MITIGATE CLIMATE CHANGE: A GUIDE FOR POLICYMAKERS*, Ian Parry and Ruud de Mooij (eds.), to be published by the IMF.

"An Economic Approach to Assess the Forest Carbon Implications of Biomass Energy" Forthcoming in *Environmental Science & Technology*, by Daigneault, Adam; Sohngen, Brent; and Sedjo, Roger.

“Carbon Sequestration in Forests and Soils,” by Roger Sedjo and Brent Sohngen, forthcoming in *Annual Review of Resource Economics*.

“Forest Carbon Offsets: Challenges in Measuring, Monitoring and Verifying,” by Roger Sedjo and Molly Macauley, forthcoming in *Environment*.

“Avoided Deforestation: How Costly? How Powerful a Tool?” by Roger Sedjo, *Journal of Sustainable Forestry*, Volume 31, Issue 1-2: 1-8, 2012, Special Issue: ISTF 2008 Conference Proceedings: Biofuels and Avoided Deforestation–New Dynamics to the Tropical Forests.

"What Is the Carbon Footprint of Wood Biomass Energy?" by Roger Sedjo and Xiaohui Tian, *Journal of Forestry*, Forthcoming 2012.

“Forest Carbon Offsets: Possibilities and Limitations” by Roger Sedjo and Molly Macauley, *Journal of Forestry*, Dec 2011.

“Forward” by Roger Sedjo to *Wood Bioenergy: A Historical Context and Practical Path Forward*, Bioenergy Issues Series booklet of the Forest History Society, by Brooks C. Mendell and Amanda H. Lang

"Changes in growing stocks of global forests: an assessment based on satellite and FAO data" by Jingyun Fang (Peking University), Kun Tan (Peking University), Yuanhe Yang (Peking University), Liming Zhou (Georgia Institute of Technology), Roger A Sedjo (Resources for the Future). In *PNAS*, forthcoming.

"Forestland Ownership Changes in the United States and Sweden," by Lars Lonnstedt and , Roger Sedjo, in *Forest Policy and Economics*, Volume 14, Issue 1, January 2012, Pages 19-27.

“Wood as a Major Feedstock for Biofuel Production in the U.S.: Impacts on Forests and International Trade,” by R.Sedjo and B. Sohngen, in *Journal of Sustainable Forests*, Forthcoming mid 2012.

“In harm’s way: homeowner behavior and wildland fire policy,” by Carolyn Kousky, Sheila Olmstead, and Roger Sedjo, *Wildfire Policy*, 2012, pp. 178-2000, Edited by K. Bradshaw and D. Lueck, Resources for the Future, Press Washington.

“Biomass Sequestration, Energy and Global Change,” By R. Sedjo chapter in *International Yearbook of Environmental and Resource Economics*, edited by H. Folmer and T. Tietenberg, Edward Elgard, 2010, Vol. 4:No 3-4, pp355-386. <http://dx.doi.org/10.1561/101.00000037>

“Forests in Climate Policy: Technical, Institutional and Economic Issues in Measurement and Monitoring,” by M. Macauley and R.A. Sedjo, in *Mitigation and Adaptation Strategies for Global Change*, Vol. 16, issue 5, pps. 499-513.

<https://springerlink3.metapress.com/content/m771j0851w700r18/resource-secured/?target=fulltext.html&sid=bgoo30mxcpdhd45llrl1rb&sh=www.springerlink.com>

“Carbon Sequestration in Soils and Forests,” by Roger A. Sedjo and Brent Sohngen, Volume 4 of the *Annual Review of Resource Economics*, edited by David Zilberman. Forthcoming.

“Quantifying forest change,” letter by Iddo K. Wernick, Paul E. Waggoner, Pekka E. Kauppi, Roger A. Sedjo, Jesse H. Ausubel in *PNAS* 2010 107 (38).

“Commentary” by Roger Sedjo on “Climate Change and the Management of National and State Owned Land in the United States” by Christopher McGrory Klyza, presented to Lincoln Institute’s Annual Land Conference, Cambridge, Mass, May 24-25, 2010 and forthcoming in *The Environmental, Climate Change and Land Policies: 2010, Proceedings of the meeting*, pps. 435-438.

“Plantations, Genetic Improvement and Transgenic Trees in Forestry” chapter in the Volume titled *Natural Resource Policy*, Robert Deacon Editor, in the *Encyclopedia of Resource*,

*Energy, Natural Resource and Environmental Economics*, J. Shogren ed. Elsevier online. Forthcoming.

“The Potential and Challenges of Sequestering Carbon and Generating Other Services in China’s Forest Ecosystems.” By Runsheng Yin, Roger Sedjo, and Ping Liu. 2010. in *Environmental Science & Technology* 44: 5687-5688.

“Social, legal and regulatory issues related to transgenics trees” Chapter 10 in *Forests and Genetically Modified Trees*, pps. 203-216, IUFRO/FAO, FAO Rome 2010.  
<http://www.fao.org/docrep/013/i1699e/i1699e.pdf>

"How do Environmental Regulations Affect Investments in Biofuel and Biofuel R&D?: The case of Transgenic Trees" By Roger Sedjo, *AgBioForum*, February 2011.  
<http://www.agbioforum.org>

"Tax Carbon, Not Fossil Fuels" Comment by Roger A. Sedjo on Nordhaus’ “Carbon Taxes to Move Toward Fiscal Sustainability” in *The Economists' Voice*, Berkeley Electronic Press,  
<http://www.bepress.com/cgi/viewcontent.cgi?article=1803&context=ev> Vol. 7, Issue 4. 2010.

“Far-reaching deleterious impacts of regulations on research and environmental studies of recombinant DNA-modified perennial biofuel crops in the USA.” By Strauss, S.H., D.L. Kershen, J.H. Bouton, T.P. Redick, H. Tan, and R. Sedjo. 2010. *BioScience* Vol. 60, No. pps. 729-741.

“The Future of Trees: Climate Change and the Timber Industry,” *Resources* 174, Winter 2010, pps 29-33.

“Forests, Biodiversity and Avoided Deforestation in Latin America in the LAC Region,” by Roger A. Sedjo and Juha Siikamäki chapter 4 in *Latin American Development Priorities – Costs and Benefit*, pps. 163-223. Edited by Borg Lomborg, 2009 Cambridge University Press.

“Biomass Sequestration, Energy and Global Change,” By R. Sedjo chapter in *International Yearbook of Environmental and Resource Economics*, edited by H. Folmer and T. Tietenberg, Edward Elgard, Forthcoming.

“Why We Need Accurate Maps of the World’s Forests.” *Daniel Morris, Molly Macauley, and Roger Sedjo*, *Resources* 174, winter 2010, pps. 25-28.

“Optionen und Wettbewerbsfähigkeit der Forstwirtschaft angesichts der vielfältigen Bedürfnisse in einer globalisierten Welt,” *Management zukunfts-fähige Waldnutzung*, 2009. Hrsg. Oliver Thees und Renatio Lemm, vdf Hochschulverlag AG, an der ETH Zurich. Pps. 629-648. (“Future Challenges: Options and Competitiveness of Forestry for Multiple Needs in a Globalized World,” in *Future-oriented Forest Use* edited by Thees and Lemm.)

Forward for *An Integrated Assessment of China's Ecological Restoration Programs*, Runsheng Yin, editor, Springer, 2009.

“What are the Options that Could Significantly Affect the North American Carbon Cycle?” Chapter 2 in *The Economics of Climate Change Policy*, Edited by Adam Rose, Edward Elgar Publishing, Williston, Vt. 2009. with A. Rose, E. Haites, T. Wilbanks and others.

**Reprinted** from *The First State of the CarbonCycle Report (SOCCR): North American CarbonBudget and Implications for the Global Carbon Cycle*, United States Climate Change ScienceProgram Synthesis and Assessment Product 2.2, Washington, DC, 2007.

“Some Limits of Wood Biomass for Cellulosic Ethanol,” by Roger A. Sedjo and Brent Sohngen, in the *Milken Institute Review*. Fourth Quarter 2009, pps. 51 -55.

“Green Power: The Limits of Cellulosic Biofuel,” *Energy Daily*, July 22, 2009. p 4.

“Strangled at birth? Forest biotech and the convention on biological diversity.” 2009. *Nature Biotechnology*, Vol. 27 No 6, pp. 519-527. June. By Steven H Strauss, Huimin Tan, Wout Boerjan & Roger Sedjo.

“Forest Scientist Views of Regulatory Obstacles to Research and Development of Transgenic Forest Biotechnology.” Strauss, Steve H.; Schmitt, Mikaela; Sedjo, Roger, *Journal of Forestry*, Volume 107, Number 7, October/November 2009 , pp. 350-357(8)

“Keeping an Eye on the Prize” 2008. *Science*, Vol. 322, 3 October, p. 43

“A New Balance Will Need to be Achieved,” in The Forum section of the *Environmental Forum Journal*, September/October 2008 for the Environmental Law Institute, September/October 2008, pps. 50-51.

“Carbon Credits for Avoided Deforestation,” by Roger A. Sedjo and Brent Sohngen, Chapter in *Carbon Credit: An Introduction*, Carbon Credit: An Introduction (Tentative Title), Icfai's Professional Reference Book, Icfai, New Delhi, August 2008, reprinted from RFF Discussion paper: <http://www.rff.org/rff/Documents/RFF-DP-07-47.pdf>

“Biofuels: Think Outside the Cornfield,” letter in *Science*, Volume 320. 13 June 2008, pps 1420-1421.

“Climate Change Impacts on Forestry,” by Andrei P. Kirilenko and Roger A. Sedjo, in the Proceedings of the National Academy of Sciences, December 11, 2007, Vol. 104, no. 50, 19697-19702.

“Global Markets and the Health of America's Forests: A Forest Service Perspective,” *Journal of Forestry*, (January/February 2008), Vol. 106, No.1, p 54, Invited Comments.



“What Are the Options That Could Significantly Affect the North America Carbon Cycle?” Chapter 4 in *The First State of the Carbon Cycle Report (SOCCR)*, U.S. Climate Change Program: Synthesis and Assessment Product 2.2. November 2007, with Roger Sedjo with Erik Haites, et al.

“Voluntary eco-labeling and the price premium.” (from *Land Economics*. 78(2):272-284. Sedjo and Swallow) reprinted as a chapter in *Labeling Strategies in Environmental Policy*, Mario Teisi editor, (November 2007) The International Library of Environmental Economics and Policy, Ashgate Publishing Limited.

“Impacts on forestry of changing energy sources,” 2007. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources*, (Online Journal) <http://www.cababstractsplus.org/cabreviews/reviews.asp>

IPCC. 2007. Fourth Assessment Report on Climate Change, WG II, *Impact, Adaptation & Vulnerability*, Chapter 5 – Food, Fibre and Forestry and Fisheries, Sedjo with W. Easterling, P. Aggarwal, and others. April 6.

“From Oilfields to Energy Farms: A Brief Look at the Environmental and Economic Consequences of Biofuels,” *Resources*, Summer 2007.  
<http://www.rff.org/rff/News/Features/OilfieldsToEnergyFarms.cfm>

“An Overview of Changes in the Provision of Forest Ecosystem Services Through Forest Land Markets in the U.S.,” In *Management and Environmental Quality*, vol. 18 issue 6, October 2007.

“Exchange Rates and the Competitiveness of the U.S. Timber Sector in a Global Economy,” by Adam Daigneault, Brent Sohngen and Roger Sedjo, *Forest Policy and Economics*, (2007) doi:10/1016j.

“Are Forests Making a Comeback? New Findings Suggest Optimism on Global Outlook” interview with Sedjo, Kauppi, and Ausubel, in *Resources* 164, Spring 2007.

“Todo tiene un precio: Bosques y diversidad biológica en América Latina,” *Especial Estrategia & Negocios América Latina: Retos Y Solutions*, pp.48-54, December, 2007

IPCC. 2007. Fourth Assessment Report on Climate Change, WG II, *Impact, Adaptation & Vulnerability*, Chapter 5 – Food, Fibre and Forestry and Fisheries, with W. Easterling, P. Aggarwal, and others. April 6.

“Carbon Sequestration in Global Forests Under Different Carbon Price Regimes” in *The Energy Journal*, by B. Sohngen, and R Sedjo. 2006. Special issue, Multi-Greenhouse Gas Mitigation and Climate Policy, pps. 109-162, December.

“Voluntary Eco-Labeling and the Price Premium.” *Land Economics*, 87(2), pps 272-284, by R. A. Sedjo and S. K. Swallow, to be reprinted as a chapter in the edited volume *Labeling*

*Strategies in Environmental Policy*. Mario Teisl editor. The series editors are Tietenberg and Segerson, Ashgate (2006).

“Returning Forests Analyzed with the Forest Identity.” 2006. in the *Proceedings of the National Academy of Science*, by Kauppi, P.E., J.H. Assubel, J.Fang, A. Mather, R.A. Sedjo and P.E. Waggoner,, November 14, Vol. 103, no.46. pp.17574-17579.  
<http://www.pnas.org/cgi/reprint/0608343103v1>

“GMO Trees: Substantial promise but serious obstacles to commercialization” *Silvae Genetica*,.55, Issue 6, 2006, 241-292.

“Tropical forest management as economic and sustainable.” in *Sustainable Resource Management*, Edited by Peter Nemetz, Chapter 11, pps. 284-296, Edward Elgar Publishing Ltd., Camberley, Surrey, UK (2007)

“Regulation of Biotechnology for Forestry Products” Chapter 31, in *Regulating Agricultural Biotechnology: Economics and Policy*, editors R.E. Just, J.M. Alston, and D. Zilberman. New York: Springer Publishers, 2006.

“Land Use: Forest, Agriculture, and Biodiversity Competition” by Roger A. Sedjo and R. David Simpson, Chapter 59 in *Handbook of Agricultural Economics, Vol. 3: Agricultural Development: Farmers, Farm Production and Farm Markets*, Editors: Robert E. Evenson and Prabhu Pingali, in the series Handbooks in Economics 18. pps 2979-3007. Elsevier B.V. 2007.

“Comparative views of different stumpage pricing systems: Canada and the U.S.” in the July/August 2006 issue of the *Forest Science*, Vol. 52, No. 4, pages 446-450.

“The Role of Forest Sinks in a Post-Kyoto World.” By Roger A. Sedjo and Masahiro Amano. *Resources*. Summer 2006, No. 162.

Book Review of: *Genetic and Production Innovations in Field Crop Technology: New Development in Theory and Practice*, Manjit S. Kang, editor, Food Products Press (2005), in *Quarterly Review of Biology* vol 81. No. 8 (Dec 2006), pp. 405-406.

“Will the Developing Countries be the Early Adopters of Genetically Engineered Forests,” in *AgBiotForum* 8(4), 205-212 (2006).

“Tree Biotechnology: Regulation and International Trade,” Chapter 5 in *International Trade and Policies for Genetically Modified Products*, edited by R. E. Evenson and V. Santaniello, pps. 43-49, CABI Publishing, CAB International, Wallington, UK, 2006.

“Economic Issues in Ecosystem Approaches to Forest Management” by Roger Sedjo, Josh Bishop and Jeffrey A. Sayer, Chapter 2 in *Forests in Landscapes: Ecosystem Approaches to Sustainability*, edited by Jeffrey A. Sayer and Stewart Maginnis, The Earthscan Forestry Library, 2005, London.

“Forest Policies in an International Context,” in Proceedings from ‘The multifunctional role of forestry: Policies Methods and Case studies’ Padova, Italy, 28-30 April 2005.

“Ecosystem Management: An Uncharted Path for Public Forests,” Reprinted (Resources No. 121, Fall 1995) in Second Edition, *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps. 141-145, Resources for the Future, Washington, D.C. 2006.

“Forest Sinks as a Tool for Climate-Change Policymaking,” Reprinted (Resources, No. 143, Spring 2001) in Second Edition *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps. 240-247, Resources for the Future, Washington, D.C. 2006.

“Preserving Biodiversity as a Resource,” Reprinted (Resources, No. 106, Winter 1992) in Second Edition *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps. 158-162, Resources for the Future, Washington, D.C. 2006.

“Timber, Fibre and Fuel,” Chapter 9, in *Millennium Ecosystem Assessment*, with Neil Sampson and others, pps. 243-269, Island Press, Washington, DC (2006)

“Regulation and International Trade: Issues for Transgenic Trees,” in *New Century, New Trees: Biotechnology as a Tool for Forestry in North America*, edited by Susan McCord and Robert Kellison, Conference Proceedings, November 16-17, 2004, Research Triangle Park, NC. Institute of Forest Biotechnology, [www.forestbiotech.org](http://www.forestbiotech.org)  
<http://www.forestbiotech.org/pdf/NCNT%20book%20final-e.pdf>

"Global Agreements and U.S. Forestry: Genetically Modified Trees," *Journal of Forestry*, 103 (3):109-113. (April/May 2005).

“Impacts of Climate Change on Forest Product Markets: Implications for North American Producers” in *Forestry Chronicle*, September/October 2005, Vol. 81, No.5, pp 869-874, by Brent Sohngen and Roger Sedjo.

“Valuing Biodiversity for Pharmaceutical Research” (R. David Simpson, Roger Sedjo and J. Reid), *Journal of Political Economy*, February 1996. Reprinted as Chapter 21 in *Recent Development in Environmental Economics (2004)*, edited by Michael Hoel, Edward Elgar; and in *Environmental Economics: Critical Concepts*, edited by Charles Mason and Erwin Bulte, Routledge, UK, 2007, and as chapter 26 in *Economics of Forestry*, edited by Roger A. Sedjo, 2003, Ashgate Publishing Limited, Cromwell Press, Trowbridge, Wiltshire, UK,

“The Future of the Forest Service: Some Scenarios” in *Proceedings of the Centennial Forum*, Graytowers National Historical Landmark, November 19, 2004.

“Streamlining the Forest Service Planning Process.” 2004. Chapter 18 in *New Approaches on Energy and the Environment: Policy Advice to the President*, pps. 101-105, Edited by Paul R. Portney and Richard D. Morgenstern. 2004. RFF, Washington.

“Regulation and International Trade: Issues for transgenic trees.” in the Proceeding of the Conference “New Century, New Trees: Biotechnology as a Tool for Forestry in North American,” Research Triangle Park, NC, November 16, 2004.

“Transgenic Trees and Trade: Problems on the Horizon?” in *Resources*, Number 155, Fall 2004, 8-13.

“Sustainable Forestry in a World of Specialization and Trade,” 2004. Chapter 10 in *Institutions, Sustainability and Natural Resources: Institutions for Sustainable Forest Management*, S. Kant and R.A. Berry Editors, 2005 Springer. Dordrecht. The Netherlands.

“The Potential Economic Contribution of Biotechnology and Forest Plantations in Global Wood Supply and Forest Conservation,” 2004. Chapter 3 in *The Bioengineered Forest: Challenges for Science and Society*, Edited by Steven H. Strauss and H.D. Bradshaw, Resources for the Future, Washington, D.C. pps 22-35.

“Comment on Bioprospects Less Than Golden,” 2004. in *Nature*, August 12<sup>th</sup> issue, by R. David Simpson and Roger A. Sedjo.

“The Value of Forest Carbon.” In *Valuing Mediterranean Forests: Towards Total Economic Value*, (2005) by Maurizio Merlo and Lelia Croitiru. CABI Publishing, Rome.

“Economics of Forestry Management, Multiple Use, and Sustainability” by F. Schmithuesen, V. A. Sample, R. A. Sedjo, and D. C. Le Master, forthcoming in special issue of the *Journal of Sustainable Forestry*.

“Biotech and Planted Trees: Some Economic and Regulatory Issues,” *AgBioForum*, 6(3): 29-35 (2003).

“The 1998 Ice Storms: Results from a Survey of Households in Eastern Canada and Northeast US,” P. Jagger, B. White and R. Sedjo, in Task 29: Proceedings of the Workshop, *Socio-Economic Drivers in Implementing Bioenergy Projects: Education and Promotion*, V. Segon and J. Domac, eds., IEA Bioenergy, pp 79-91 (September 2003).

“Wood Use and Trade: International Trade in Wood Products,” chapter in *Encyclopedia of Forest Science*, edited by Robert L. Youngs, John Youngquist, Julian Evans and Jeff Burley, Elsevier Ltd. 2004.

“What are the Impacts of Global Warming on U.S. Forests, Regions, and the U.S. Timber Industry?” *Penn State Environmental Law Review*, Issue 12:1, 2004, Roger A. Sedjo and Brent Sohngen, also found.

<http://www.nationalaglawcenter.org/bibliography/results/?id=39&page=2>.

“Inter-trading Permanent Emissions Credits and Rented Temporary Carbon Emissions Offsets: Some Issues and Alternatives.” *Climate Policy*, Vol.2, No.3:435-444. Roger A. Sedjo and Gregg Marland.(2003)

“Changing Demands on the World’s Forests: Meeting Environmental and Institutional Changes.” from the S.J. Hall Lectureship in Industrial Forestry, and October 2003, published in *Population Puzzle: Boom or Bust?* edited by Laura Huggins and Hanna Skandera, Hoover Institution, Stanford University and forthcoming on Hoover Institute website..

“Potential for Biotechnology: Application in Plantation Forestry,” 2004. Chapter in *Plantation Forests Biotechnology for the 21<sup>st</sup> Century*, edited by Walter Christian and Michael Carlson, ISBN: 81-7736-228-3.

“Forests and Global Change: Potential Impacts on U.S. Forest Resources" Prepared for the Pew Center for Climate Change." Jointly authored Herman Shugart, Roger Sedjo and Brent Sohngen, February 2003, pp. 52.

“Wood materials used as a means to reduce greenhouse gases (GHG): An examination of wooden utility poles.” in *Mitigation and Adaptation Strategies for Global Change*, Vol. 7, No. 2, 2002, pp191-200, Kluwer Academic Publishers.

“Challenges to Sustainable Forestry: Management and Economics.” 2004, in *Forest Futures*, Joe Bowersox III and Karen Abeese editors, pps. 68-83, Rowman & Littlefield, New York.

“Tropical Deforestation and Climate,” chapter 52 in *Handbook of Weather, Climate and Water: Chemistry, Impacts and Applications*, edited by Thomas Potter and Bradley Colman, pps.925-934, John Wiley & Sons, Inc. New York 2003.

Review of *Economics of Forestry and Rural Development*, by Hyde, W.F. and Amacher G.S. in the *Am Journal of Agri. Economics*, February 2003, Vol. 85, No. 1, p 286.

"Tropical Forest and Poverty Alleviation – How Can Benefits be Captured?" in *Understanding and capturing the multiple values of tropical forest*, Proceedings of International Seminar on Valuation and Innovative Financing, Tropenbos International Wageningen, the Netherlands, pps. 63-66, 2002

“Future Prospects for the Forest Industry in the United States,” 2002 Proceedings of the National Convention of the Society of American Foresters, Bethesda, MD

Review of *Flames in Our Forests: Disaster or Renewal*, by Stephen F. Ando and Steven Allison-Brunnel, Island Press, Reviewed in *Issues in Science and Technology*, Fall 2002, pps. 87-90.

“The Fires this Time.” Washington Times, Op ed., (page B5) June 2, 2002.

“The Fires this Time.” PERC Reports, Vol. 20, No. 2: p14, June 2002.

“Voluntary Eco-Labeling and the Price Premium.” *Land Economics*, 87(2), (May 2002), pps 272-284, by R. A. Sedjo and S. K. Swallow.

“Biotechnology for Planted Forests: An Assessment of Biological, Economic and Environmental Possibilities and Limitations.” by Roger A. Sedjo, chapter 3 in *The Economics of Managing Biotechnologies*, editor Tim Swanson, 2002, pps. 71-98, Publisher, Environmental Sciences, Biosciences Unit, Kluwer Academic Publishers, Dordrecht, The Netherlands.

”Forest Sustainability Issues and Certification Activities Since UNCED,” Chapter in forthcoming book, *Rio + 10* edited by M. Toman, RFF Washington D.C.

“The Operationalization of the Kyoto Protocol with a Focus on Sinks: A Perspective for Japan,” in *Bulletin of the Forestry and Forest Products Research Institute*, (Japan) Vol. 1-No.2 (No.383) October 2002, (Sedjo, R.A., M.Amano and Y. Yamagata).

“A Global Model of Climate Change Impacts on Timber Markets.” In *Journal of Agricultural and Resources Economics*, 26(2):326-343 (December 2001) by B. Sohngen, R. Mendelsohn and R. Sedjo).

“Biological Systems to Mitigate Global Climate Change: Conclusions of the IPCC and Some Implications” in Report of the International Workshop on Carbon Sinks and the Presentation State of Research in Forest Sector, Center for Global Environmental Research (CGER – D030 – 2001) and National Institution for Environmental Studies (ISSN 1341-4356), Tokyo, August 31, 2001

"Forest Set-Asides and Carbon Sequestration." By B. Sohngen and R. Sedjo. Chapter 4 in *World Forests, Markets, and Policies. World Forests, Volume III*. Edited by M. Palo, J. Uusivuori and G. Mery. Dordrecht: Kluwer Academic Publishers. 2001.

“Accounting for Sequestered Carbon: The Question of Permanence.” *Environment Science and Policy*, Vol. 4, No. 6:259-268. (2001) by Gregg Marland, Kristy Fruit and Roger Sedjo.

“Biotechnology in Forestry: Considering Costs and Benefits.” in *Resources*, Fall 2001, Issue, 145, pps. 10-12. RFF.

“Is This the Age of Intensive Management? A Study of Loblolly Pine on Georgia’s Piedmont,” Runsheng Yin and Roger A. Sedjo, *Journal of Forestry*, vol 99, no. 12 (December 2001.) pps 10-17.

“Choice of Wood Poles Can Reduce Greenhouse Gases” Technical Bulletin of the American Pole Association, December 2001.

“Introduction to the Economics of Forestry: a Review,” Chapter in *Economics of Forestry*, edited by Roger A. Sedjo, 2003, Ashgate Publishing Limited, UK, as part of the “International Library of Environmental Economics and Policy.”

“The Establishment of Large-scale Reserves in Temperate and Boreal Forests: Some Experiences of the US and Prospects for Finland.” Chapter 10, In *Forestry and Environmental Change: Socioeconomic and Political Dimensions*, edited by J.L. Innes, G.M.Hickey and H.F. Hoen, pps183-193, IUFRO Research Series, CABI, 2005.

“The Ethics of Wood Consumption,” in Proceedings: Society of American Foresters 2001 National Convention, pps 242-246. Society of American Foresters, Bethesda, MD 2002

“Biotechnology in Forestry: Benefits and Costs.” *BINAS News*, March 2002, UNIDO.

Review of *Plundered Promise*, by Richard W. Behan, in the *Journal of Forestry*, Vol. 99, No. 6, (Sept. 2001) p.40.

“From Multiple-Use to All-for Me.” In The Forum section of *Environmental Forum*, Volume 18, Number 3 (May/June 2001), p. 66.

“Forest ‘Sinks’ as a Tool for Climate Change Policy,” in *Resources*, Volume 143 (Spring 2001).

“The Role of Sinks,” *Oxford Energy Forum*, May 2001, Issue 45, pps 15-16.

“The Role of Forest Plantation in the World’s Future Timber Supply,” *Forest Chronicle*, (March–April 2001) vol. 77, no. 2, pps: 221-226.

“Forests and Climate Change,” by R. Sedjo, and B. Sohngen, in *Climate Change Economics and Policy: An RFF Anthology*, 2001, edited by M. Toman, Resources for the Future, Washington, DC.

“Carbon Sinks in the Post Kyoto World,” by R. Sedjo, B. Sohngen, and P. Jagger, in *Climate Change Economics and Policy: An RFF Anthology*, 2001, edited by M. Toman, Resources for the Future, Washington, DC.

“Forest and Climate Change,” R. Sedjo and B. Sohngen, Chapter 7 in *Climate Change Economics and Policy: An RFF Anthology*, 2001, edited by M. Toman, Resources for the Future, Washington, DC.

*Technological and economic potential of options to enhance, maintain, and manage biological carbon reservoirs and geo-engineering*, by Kauppi, P., Sedjo, R., et al., 2001. In:

Metz, B., et al. (Eds.), *Climate Change 2001: Mitigation*. IPCC, Cambridge University Press, New York, Chapter 4, pp. 303–353.

“The National Forest System: For Whom and For What?” PERC Policy Series, Issue Number PS-23, August 2001, Bozeman, Montana.

“Forest ‘Sinks’ as a Tool for Climate-Change Policymaking: A Look at the Advantages and Challenges.” In *Resources*, Spring 2001, Issue 143, pps. 21-23.

"From Foraging to Cropping: the Transition to Plantation Forestry, and Implications for Wood Supply and Demand." *Unasylva*, No. 204, Vol.52. 2001/1.

“The Social and Economic Impacts of Plantation Forests,” in *Forests and Society: The Role of Research, Sub-Plenary Sessions*, Vol. 1, XXI IUFRO World Congress, KL Malaysia, August 2000.

“Logging Bans Just Send Our Environmental Woes Elsewhere.” In the *Bozeman Daily Chronicle*, Wednesday, August 9, 2000.

“Forest Set-Asides and Carbon Sequestration,” 2001. in *World Forests, Markets and Policies*, by Brent Sohngen and Roger Sedjo, with Jussi Uusivuori, editor, Kluwer Publishers.

Review of “Forests to Fight Poverty: Creating National Strategies, edited by Ralph Schmidt, Joyce K. Berry, and John C. Gordon, *Environment*, forthcoming.

“Does the Forest Service Have a Future?” in *Regulation*, vol. 23, No. 1, 2000, pp. 51-55.

Review of *Perspectives on Biodiversity: Valuing Its Role in an Everchanging World*. National Research Council, Academy Press, 1999, In *Journal of Forestry*, vol. 98, no. 2 p 45.

“Deforestation” (C. Oliver, R. Sedjo and M. Boydak) in the *Encyclopedia on Global Change*, Oxford University Press.

“Economic Interactions at Local, Regional, National , and International Scales,” by Sedjo, Towell and Wagner, in *Ecological Stewardship: a Common Reference for Ecosystem Management*, editors W.T.Sexton, A.J.Malk, R.C. Szaro and N.C. Johnson, Elsevier Science, Oxford, pp. 345-58, 1999.

“Land Use Change and Innovation in US Forestry,” Chapter in *Productivity in Natural Resource Industries*, edited by R. David Simpson, pps. 141-174, Resources for the Future, Washington, 1999.

“Potential Carbon Flux From Timber Harvests and Management on the Context of a Global Carbon Flux,” *Climatic Change*. 44:151-172, 2000 by Brent Sohngen and Roger Sedjo.



“World Forests as A Key Factor in Global Warming,” in *Proceeding of an International Symposium on Global Environmental Issues and Forests*, Ehime University, Matsuyama, Japan, 2-4 April 1999.

“Potential of High-Yield Plantation Forestry for Meeting Timber Needs,” in *New Forests: (Special Issue on Planted Forests)* 1999, vol. 17: 1-3, also in *Planted Forests: Contribution to the Quest for Sustainable Societies*, edited by J.R. Boyle, J.K. Winjum, K. Kavanagh, and E.D. Jensen, 1999, pps 339-359. Kluwer Academic Publishers.

“Mission Impossible,” in *Journal of Forestry*, May 1999, Vol. 97, No. 5.

“Sustaining the People’s Lands: Recommendations for Stewardship of the National Forests and Grassland into the Next Century, by the Committee of Scientists, with K. Norman Johnson, Chairman, and others, *Journal of Forestry*, May 1999, Vol. 97, no. 5.

“Forest Management, Conservation, and Global Timber Markets,” in *American Journal of Agricultural Economics*, (B. Sohngen, R. Mendelsohn and R. Sedjo), vol. 81, no. 1, 1999, pps. 1-13.

“Maintaining Integrity – Managing the Forest for Competing Values,” in *Sustaining Boreal Forests: Proceedings*, T. S. Veeman et al editors, Sustainable Forest Management Network, Edmonton, Alberta Canada, February 14-17, 1999.

“Biodiversity: Forests, Property Rights and Economic Value,” in *Conserving Nature’s Diversity*, edited by Casey van Kooten, E.H. Bulte and A.E.R. Sinclair, Ashgate, Aldershot, England. 2000.

“Ecosystem Management: An Uncharted Path for Public Forests,” Reprinted in *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps. 149-154, Resources for the Future, Washington, D.C. 1999.

“The Global Environmental Effects of Local Logging Cutbacks,” Reprinted in *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps. 155-160, Resources for the Future, Washington, D.C. 1999.

“Preserving Biodiversity as a Resource,” Reprinted in *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps 171-176, Resources for the Future, Washington, D.C. 1999.

“Contracts for Transferring Rights to Indigenous Genetic Resources,” (R. David Simpson and Roger Sedjo) Reprinted in *The RFF Reader in Environmental and Resource Management*, edited by Wallace E. Oates, pps 183-190, Resources for the Future, Washington, D.C. 1999.

Review of *Reframing Deforestation: Global Analysis and Local Realities: Studies in West Africa*. By James Fairhead and Melissa Leach, Routledge, New York, in *The Journal of Environmental Education*. 1999.

“Eco-Labeling Consequences in a General Equilibrium Framework: A Graphical Assessment,” *Land Economics*, February 2000, vol. 78, no. 1:28-36 (Steve Swallow and Roger Sedjo).

“Harvesting the Benefits of Carbon ‘Sinks’” in *Resources*, Fall 1998, pps10-13.

“How Serious are the Damages Associated with Global Warming?” 1998. *Environment and Development Economics*, vol. 3, pt. 2 (July), pps. 398-401.

“Scales, Polycentricity and Incentives: Designing Complexity to Govern Complexity,” by R. David Simpson, R.A. Sedjo, and J. Reid) in Laksham Guruswamy and Jeffrey Neeley (eds.), in *Protecting Global Biodiversity: Converging Strategies*, Duke University Press, Durham, NC.1998.

“The Value of Genetic Resources for Use in Agricultural Improvement,” (R. David Simpson and Roger Sedjo) chapter 3 in *Agricultural Values of Plant Genetic Resources*, editors, R.E. Evenson, D. Gollin and V. Santaniello, CAB International, Oxford. 1998.

“Tropical Deforestation: Issues and Policies,” (G.C. van Kooten, R.A. Sedjo and E. Bulte), Chapter 5 in *International Yearbook of Environmental and Resource Economics 1999-2000. A Survey of Current Issues, Volume 3*, (pps 198-249) H. Folmer and T. Teitenburg (eds.), Aldershot, UK: Edward Elgar,1999.

Commentary on “Forests and Climate Change – Ecological and Economic Challenges,” by P. Kauppi and B. Solberg in *World Forests, Society and Environment*, Vol. I, M. Palo and J Uusivuori editors, Kluwer Academic Publishers, 1998.

“Local Communities, Global Perspectives: The Spatial Scale of Forest Policy Implications,” in *Forest Policy: Ready for Renaissance*, J.M. Calhoun editor, pps 205-216, Institute of Forest Resources, Contribution No. 78, 1998, University of Washington, Seattle.

“Forests: Supply and Demand,” In *Proceedings of the Annual Convention of the Society of American Foresters Annual Convention*, Memphis Tenn., October 4-8, 1997, SAF Bethesda, MD, 1998.

“A Comparison of Timber Market Models: Static Simulation and Optimal Control Approaches,” (Brent Sohngen and Roger Sedjo) *Forest Science*, February 1998.

“Using Forest Plantations to Spare Natural Forests” (Roger Sedjo and Daniel Botkin) in *Environment*, vol. 39, no. 10, pps. 15-20,30. (December 1997).

“Carbon and Tree Plantations: A Case Study in Argentina” (Eduardo Ley and Roger Sedjo), in *The Economics of Terrestrial Carbon Sequestration*, R. Sedjo et al. (editors), pp. S177-S184, Lewis Publishers Inc., Boca Raton, FL (1997).

“Carbon Policy: Some Conceptual Issues” (Eduardo Ley and Roger Sedjo), in *The Economics of Terrestrial Carbon Sequestration*, R. Sedjo et al. (editors), pp. S185-S192, Lewis Publishers Inc., Boca Raton, FL (1997).

“Economics of Carbon Sequestration in Forestry: An Overview,” in *Economics of Carbon Sequestration in Forestry*, pp. S1-S8, (R. N. Sampson and Roger Sedjo), 1997.

“The Economics of Forest-Based Biomass Supply, in *Energy Policy*, Special Issue, M. Radetzki, Guest Editor, Volume 25, no. 6. May 1997.

“Local Timber Production and Global Trade: The Environmental Implications of Forestry Trade,” in *Forestry, Economics and the Environment*, edited by W.L.Adamowicz, P.C. Boxall, M.K. Luckert, W.E. Phillips and W.A. White, CAB International, Wallingford, UK, 1997.

“A Generic Assessment of Response Policies,” Chapter 7 in *Climate Change 1995: Second Assessment Report of the Intergovernmental Panel on Climate Change (IPCC)*, Contribution of Working Group III, Cambridge, 1996. pps. 225-262, Contributor. (with C. Jepma and others).

“Management of Forests for Mitigation of Greenhouse Gas Emissions” Chapter 24 in *Climate Change 1995: Second Assessment Report of the Intergovernmental Panel on Climate Change (IPCC)*, Contribution of Working Group II, Cambridge 1996. pp. 773-798, Contributing author (with Sandra Brown and others).

“Valuing Biodiversity for Pharmaceutical Research” (R. David Simpson, Roger Sedjo and J. Reid), *Journal of Political Economy*, Vol. 104, No.1 (February 1996), pp. 163-185.

“The Role of Human Adaptation in Ameliorating the Impact of Climate Change on Global Timber Markets (Brent Sohngen, Robert Mendelsohn, Roger Sedjo and Kenneth Lyon); Chapter 8, *Climate Change Mitigation and European Land Use Policies*, CAB International, pps. 103-112, Wallingford, UK, 1997. edited by Neil Adger, Davide Pettenella, and Martin Whitby.

"The Potential Role of Large-Scale Forestry Projects in Argentina" (Roger Sedjo and Eduardo Ley), Chapter 19, in *Climate Change Mitigation and European Land Use Policies*, CAB International, pp 255-268, Wallingford, UK, 1997. edited by Neil Adger, Davide Pettenella, and Martin Whitby.

Review of *The Economics of Tropical Timber Trade*, by E.B. Barbier, J.C. Burgess, J. Bishop and B. Aylward, in *Forest Science*, vol. 42, no. 2 (1996).

“Sustainability in Forest Management: An Evolving Concept” (Roger Sedjo and Alaric Sample), *International Advances in Economic Research*, vol. 2, no. 2 (May 1996), pp. 165-173.

“Toward an Operational Approach to Public Lands Ecosystem Management,” *Journal of Forestry*, vol. 94, no. 8 (August 1996), pp. 24-27.

“Paying for the Conservation of Endangered Ecosystems: A Comparison of Direct and Indirect Approaches” (R. David Simpson and Roger Sedjo) *Environment and Development Economics*, vol. 1, pt. 2 (May 1996), pp. 241-257.

“Environmental Impacts of Forest Protection: Some Complications,” in B. Solberg, M. Palo, and P. Hyttinen (eds.), *Forest Industries Towards the Third Millennium - Economic and Environmental Challenges*, European Forest Institute Proceedings, No. 11, 1996, pp. 47-56.

“The Economics of Increased Carbon Storage Through Plantation and Forest Management,” chapter 25 in *Forest Ecosystems, Forest Management and the Global Carbon Cycle*, M. Apps and D. Price (eds.), Springer Verlag, Berlin Heidelberg (1996).

“Human Dimensions of the Forest-Carbon Issue” (Roger Sedjo, Peter Duinker and others) Chapter 32 in *Forest Ecosystems, Forest Management and the Global Carbon Cycle*, M. Apps and D. Price (eds.), Springer Verlag, Berlin Heidelberg (1996).

"Global Forests Revisited" (Roger Sedjo and Marion Clawson) in *The State of Humanity*, Julian Simon (ed.), Blackwell (1996).

“Ecosystem Management: An Uncharted Path for Public Forests,” *Resources*, Fall 1995.

“The Economics of Managing Carbon via Forestry: An Assessment of Existing Studies,” *Environment and Resource Economics*, vol. 6, no. 2, pp. 139-165 (September 1995) (Roger Sedjo, Joe Wisniewski, V. Alaric Sample and John D. Kinsman).

“Managing Terrestrial Carbon Balances Via Forestry: Economic Considerations” (N. Sampson and R. Sedjo) in *The Economics of Terrestrial Carbon Sequestration*, R. N. Sampson et al. (editors) CRC Press Inc, Boca Raton, and also in *Critical Reviews in Environmental Science and Technology*, vol. 27, supplement 1 (1997).

“Local Logging, Global Effects,” *Journal of Forestry* vol. 93, no. 7 (July 1995), pp. 25-28.

“Toward an Operational Definition of Ecosystem Management,” in *Analysis in Support of Ecosystem Management*, Analysis Workshop III, Fort Collins, Colorado, USDA Forest Service, pp. 209-220, April 1995.

"The Global Environmental Effects of Reductions in Local Logging in Western North America," *Western Journal of Forestry*, vol. 10, no. 2 (April 1995).

"Property Rights, Externalities and Biodiversity" Chapter 7 in *The Economics and Ecology of Biodiversity Decline*, Tim Swanson (ed.), Cambridge University Press, 1995 (with R. David Simpson).

"The Commercialization of Indigenous Genetic Resources as Conservation and Development Strategy," chapter prepared for inclusion in Lakshman Guruswamy and Jeffrey McNelly (eds.), *Their Seed Preserve: Strategies for Protecting Global Biodiversity*, forthcoming (R. David Simpson, Roger Sedjo and John Reid).

"Forests: Conflicting Signals," in *The True State of the Planet*, Ron Bailey (ed.), Free Press, 1995.

"Property Rights Contracting and the Commercialization of Biodiversity" (R. David Simpson and Roger Sedjo) in *Wildlife in the Marketplace*, T. L. Anderson and P. H. Hill (eds.), Lanham, Maryland, Rowman and Littlefield Publishers, Inc., 1995.

"Commercial Forestry and Rural Development" in *Forest Resources and Wood-based Biomass Energy as Rural Development Assets*, William R. Bentley and Marcia M. Gower (eds.), Oxford & IBH Publishing Co., New Delhi, 1994.

"Commercialization of Indigenous Genetic Resources as Conservation and Development Strategy," *Contemporary Economic Policy*, vol. 12, pp. 34-44, October 1994 (John Reid, R. David Simpson and Roger Sedjo).

"The Global Environmental Effects of Local Logging Cutbacks," *Resources*, No. 117, Fall 1994, pp. 2-5.

"Valuing Biodiversity: An Application of 'Green Accounting'," in *Assigning Economic Value to Natural Resources*, Washington, DC, National Resource Council, 1994 (R. David Simpson and Roger Sedjo).

"Forest to Capture Carbon: Tradeable Permit Schemes" in *Climate Change: Policy Instruments and their Implications*, National Institute of Environmental Studies, Environmental Agency of Japan, Tokyo, March 1994, Proceedings of Tsukuba Workshop in Policy Instruments, IPCC Working Group III, 17-20 January, 1994, Tsukuba, Japan. (Roger Sedjo)

"The Carbon Cycle and Global Forest Ecosystems," in *Water, Air, and Soil Pollution*, August 1993, and in *Terrestrial Biospheric Carbon Fluxes: Quantification of Sinks and Sources of CO<sub>2</sub>* Joe Wisniewski and R. Neil Sampson (eds.), pp. 295-309, Kluwer Academic Publishers, Boston, 1993.

"Boreal Forests and Tundra," chapter in *Terrestrial Biosphere Carbon Fluxes*, Joe Wisniewski and R. Neil Sampson (eds.), pp. 295-309, Kluwer Academic Publishers, Boston, 1993 (with M.J. Apps and others).

"Managing Tropical Forests: A Reply," *Land Economics*, vol. 69, No. 3, August 1993 (William Hyde and Roger Sedjo).

"Impacts and Responses to Climate Change in Forests of the MINK Region," *Climatic Change* vol. 24, pp. 63-82, June 1993 (Michael Bowes and Roger Sedjo).

"The MINK Methodology: Background and Baseline" *Climatic Change* vol. 24, pp. 7-22 June 1993 (with N. Rosenberg et al.).

"Global Consequences of American Environmental Policies," *Journal of Forestry*, April 1993.

"Will Timber Prices Rise, Fall, or Stay the Same?," in "Assessing Timberland Investment Opportunities: Prospects for the 90s and Beyond," *Proceedings of a Conference* held May 4-5, 1993, compiled and published by the University of Georgia, School of Forest Resources.

"Global Consequences of American Land Use Policies," presentation at the Seattle, Washington, March 22, 1993, and published in "*Abstracted Proceeding of the Pre-Forest Summit Symposium*," Gruenfeld Associates Inc, Seattle.

"Forestry in North America: Opportunities and Challenges in View of a North American Free Trade Agreement," *Proceedings of a Conference on The Forest Sector under a Free Trade Agreement*, Oaxaca, Mexico, August 6, 1992, WWF, Washington, D.C.

"External Consequences of Domestic Environmental Policies," presented to a workshop for U.S. Congressional staff, in Washington, D.C. and published in "Harnessing Market Forces For a Diversified Forest Economy," Workshop Proceeding, September 24, 1992. Project 88 - Round II, Environment and Natural Resources Program, the Center for Science and International Affairs, John F. Kennedy School of Government, Harvard, University.

"State of Art Modeling of Forest Ecosystem Productivity for Ecosystem Sustainability and Diversity" (Ken Lyon and Roger Sedjo) in *Modelling Sustainable Forest Ecosystems*, American Forests, 1993.

"Managing Tropical Forests: Reflections on the Rent Distribution Discussion," *Land Economics*, August 1992 (William F. Hyde and Roger Sedjo).

"Contracts for Transferring Rights to Indigenous Genetic Resources," *Resources*, Fall 1992 (R. David Simpson and Roger Sedjo).

"Forest Ecosystems in the Global Carbon Cycle," *Ambio*, 4 June 1992, vol. XXI, no. 4, pp. 274-277.

Book Review of *Free Enterprise Environmentalism*, by Terry L. Anderson and Donald R. Leal, Pacific Research Institute, in *Regulation*, Winter 1992.

"Property Rights, Genetic Resources, and Biotechnological Change," *Journal of Law and Economics*, vol. 35, no. 1, April 1992.

"Recent Experience with Nonindustrial Private Forests," in *Proceedings of the National Convention of the Society of American Foresters*, Richmond VA, August 1992.

"A Global Forestry Initiative," *Resources*, Fall 1992.

"Can Tropical Forest Management be Economic?," *Journal of Business Administration*, vol. 20, University of British Columbia, and in *Emerging Issues in Forest Policy*, Peter Nemetz (ed.), University of British Columbia Press, 1992.

"Climate Change and Forestry in the US Midwest," in *Economic Issues in Global Climate Change*, John M. Reilly and Margot Anderson (eds.), Westview Press, 1992 (with Michael Bowes).

"The Competition for Wood Fiber: A Global Overview," *World Forestry Research*, March 1992, Beijing, China (in Chinese).

"Forest Ecosystem and Global Carbon," in *1993 Yearbook of Science and Technology*, McGraw-Hill, Inc. New York.

"Constraints on Timber Supply--The Political Factor," in *Wood Product Demand and the Environment*, Forest Product Research Society, Madison, Wisconsin, 1992.

"Impacts and Responses to Climate Change in Forests of the MINK Region," *Agricultural and Forest Meteorology*, 1993 (Michael D. Bowes and Roger Sedjo).

"Exploiting National Returns to Log Exports," *The Journal of Forestry*, April 1992 (Roger Sedjo, A. Clark Wiseman and Kenneth Lyon).

"Preserving Biodiversity as a Resource," *Resources*, Winter 1992, no. 106 and in *Global Development and the Environment*, Joel Darmstadter (ed.), Resources for the Future, Washington, D.C., 1992.

"Comparative Advantage in Timber Supply: Lessons from history and the Timber Supply Model." (R. Sedjo and K. Lyon) *Journal of Business Administration*, vol. 20, University of British Columbia, and in *Emerging Issues in Forest Policy*, Peter Nemetz (ed.), University of British Columbia Press, 1992.

"Forest Economics and Policy Analysis: An Overview" World Bank Discussion Paper 134, World Bank, Washington, D.C. 1991,(contributor with W. Hyde and D. Newman).

Economic Aspects of "Climate, Forests, and Fire: A North American Perspective," *Environment International*, vol. 17, nos. 2/3, 1991.

"Natural Resources in Agriculture: Trends and Issues," in *Social Science Agricultural Agendas and Strategies*, Glenn John et al. (eds.), Michigan State University Press, East Lansing, 1991 (with K. Frederick and P. Crosson).

"Comparative Advantage in Timber Supply: Lessons from History and the Timber Supply Model," *Journal of Business Administration*, vol. 20, University of British Columbia, and in *Emerging Issues in Forest Policy*, University of British Columbia Press, (R. Sedjo and K. Lyon), 1992.

"Forest Resources: Resilient and Serviceable," Chapter 4 in *American Renewable Resources*, K. Frederick and R. Sedjo Editors, Resources for the Future, Washington, D.C. 1991.

"The Expanding Role of Plantation Forests in the Pacific Basin," chapter 7 in *Prospects for Australian Forest Plantations*, J. Dargavel and Noel Semple (eds.), Centre for Resource and Environmental Studies, Australian National University, Canberra, 1990.

"The Global Carbon Cycle: Are Forests the Missing Sink?" *Journal of Forestry*, October 1990.

"The Role of Forests in the Global Carbon Cycle," in *Proceedings*, Society of American Foresters national convention, August 1990, Washington, D.C.

"Climate Change and Forests Warming in the Midwest Region," in Proceedings of Global Change: Economic Issues in Agriculture, Forestry, and Natural Resources, sponsored by the Economic Research Service, 1990 (Michael Bowes and Roger Sedjo).

"The Changing Structure of the International Trading System: Some Implications for U.S. Forest Products Trade," in *Proceeding XIX*, IUFRO World Congress, Division 4, pp. 440-444, Montreal, August 1990 (Roger Sedjo and Clark Wiseman).

"Comments on 'The Potential for Integrated Resource Management with Intensive or Extensive Forest Management: Reconciling Vision with Reality'," *The Forestry Chronicle*, vol. 66, no. 5, pp. 461-462, October 1990.

"Economic Wood Supply: Choices for Canada's Forest Industry," *The Forestry Chronicle*, vol. 66, no. 1, February 1990.

Book Review of *The Hour of the Fox* by Anderson and Huber and *The Forest for the Trees?* by R. Repetto, in *Economic Development and Cultural Change*, October 1990.



"Property Rights for Plants," *Resources*, no. 97, pp. 1-4, Fall 1989.

"Forests to Offset the Greenhouse Effect," *Journal of Forestry*, vol. 87, no. 7, pp. 12-16, July 1989.

"Climate and Forests," chapter 8 in *Greenhouse Warming: Abatement and Adaptation*, Norman J. Rosenberg, William E. Easterling III, Pierre R. Crosson, and Joel Darmstadter (eds.), Resources for the Future, 1989. Pps. 105-119 (Roger Sedjo and Allen Solomon).

"Climate and Forests," letter in *Science*, 12, p. 631, May 1989.

"Forests: A Tool to Moderate Global Warming?" *Environment*, January/ February, vol. 31, no. 1, pp. 14-20, 1989.

"International Competitiveness, Community Stability, and Adapting to a Rapidly Changing Global Environment," in *Community Stability in Forest Based Economies*, Dennis LeMaster and John Beuter (eds.), Timber Press, Portland, Oregon, 1989, pp. 176-180.

"Forest Resource Management and the Environment: The Role of Economic Incentives," chapter 5 in *Renewable Natural Resources: Economic Incentives for Improved Management*, pp. 76-94, Organization for Economic Cooperation and Development, Paris, 1989.

"The Global Environment and Forests," presentation to the 79th Annual Western Forestry Conference, Seattle, Washington, December 6, 1988, in the *Proceedings*, 1989.

Book review of *World Deforestation in the Twentieth Century*, by John F. Richards and Richard P. Tucker (eds.), in *Contemporary Sociology*, October 1988.

"The Global Carbon Cycle," letter in *Science*, pp. 1737- 1738, September 30, 1988.

"Property Rights and the Protection of Plant Genetic Resources," chapter 13 in *Seeds and Sovereignty: The Use and Control of Plant Genetic Resources*, J.R. Kloppenburg Jr. (ed.), Duke University Press, 1988. Also published as RFF Reprint 242.

Book review of *Reforesting the Earth*, by Sandra Postel and Lori Heise, *Journal of Forestry*, pp. 46-47, October 1988.

"Foreword" to *Forestry Sector Intervention: The Impact of Public Regulation on Social Welfare*, by Roy G. Boyd and William F. Hyde, Iowa State University Press, Fall 1988.

"Outlook for the South's Wood Fiber in the Global Timber Market," in papers from Southeastern Forest Landowner Seminar, University of Georgia Cooperative Extension Service. Atlanta, Georgia, March 1987.

"The Adequacy of Long-Term Timber Supply: A Worldwide Assessment," in *Forest Sector and Trade Models*, P. Cardillichio, D. Adams and R. Haynes (eds.), College of Forest Resources, Seattle, Washington, 1987 (with Kenneth Lyon).

"Forest Resources of the World: Forests in Transition," Chapter I of *The Global Forest Sector: An Analytical Perspective*, M. Kallio, D. Dykstra and C. Binkley (eds.), John Wiley and Sons, 1987.

"Deforestation and Deteriorating Environmental Quality in Asia," prepared for the Asian Development Bank Regional Workshop, Manila, May 1987 and published in the Manila Bulletin, May 18, 1987, page 17.

"An Optimal Control Model for Timber Resource Utilization in Southeast Asia," *Natural Resource Modeling*, pp. 58-81, Summer 1987 (with K. Lyon and B. Adiwiyoto).

"Pollution Related Forest Decline in the U.S. and Possible Implications for Future Harvests," in *Forest Decline and Reproduction: Regional and Global Consequences*, edited by L. Kairiukstis, S. Nilsson and A. Straszak, Proceedings of a workshop, Krakow, Poland, WP-87-75, IIASA, Laxenburg, Austria, pp. 523-530, September 1987.

"Below-Cost Timber Sales: A Summary," in *Below-Cost Timber Sales*, D. Le Master, B. Flamm, and J. Hendee (eds.), Wilderness Society, 1987.

"An Outsider's View of Canadian Forestry, *Forest Planning Canada*, vol. 2, no. 6, pp. 5-7, 1986.

"International Forest Products Trade: Present and Future," in *The Forest Industries: New Horizons: Seminar Proceedings*, New Zealand Ministry of Forestry, Christchurch, October 1988, pp. 17-23.

"An Evaluation of Forest Planning," in *FORPLAN: An Evaluation of a Forestry Planning Tool*, T. Hockstra, A. Dyer, and D. LeMaster (eds.), April 1987, USDA-Forest Service, General Technical Report RM-10, Fort Collins, Colorado, pp. 160-162.

"Tax Reform and Timber Supply," RFF Policy Brief, June 1986 (with S. Radcliffe and K. Lyon).

"Lowering Japanese Trade Barriers," *Journal of Forestry*, November 1986.

"World Foresight Planning in the Resource Context," in *Foresight Planning: Realities and Resiliency at the Policy Interface*, Gerald Stairs (ed.), Duke University Center for International Studies, Durham, North Carolina, 1986.

Book review of *Capitalist Industrialization in Korea*, by Clive Hamilton, in *Journal of Developing Areas*, November 1986.

"Tropical Deforestation and Species Extinctions: an Emerging Consensus?," *Futures*, October 1986 (with Marion Clawson).

"Forest Plantations in the Southern Hemisphere and Their Implications for Temperate Climate Forests," in *TIMS Studies in Management Science: Systems Analysis in Forestry and Forest Industries*, Markku Kallio, Ake Andersson, Risto Seppala and Anne Morgan (eds.), Elsevier Science Publishers (North Holland), 1986, pp. 55-69.

"Binary-Search SPOC: An Optimal Control Theory Revision of ECHO," *Forest Science*, November 1986 (with K. Lyon).

"Commercial Forests, Environmental Values and Alternative Land Uses: Conflicts and Complementarities," in *Effective Use of Forest Resources to Preserve the Environment, Proceedings*, International House of Japan, Tokyo, pp. 88-91, 1986.

"Long Term Timber Supply: Demand Side Considerations," invited paper, in *Proceedings of the XVIII IUFRO World Congress*, Ljubljana, Yugoslavia, September 1986 (with Ken Lyon).

"Incentives and Tariff Barriers Related to Forest Products Trade," *Journal of World Forest Resource Management*, vol. 2, no. 2, 1986.

"Outlook for the World and United States Timber Supply," in *Assessing Timberland Investment Opportunities*, FPRS, Madison, Wisconsin, 1986.

"Selling Timber at a Loss," *Resources*, Winter 1985.

"Have Controls Reduced Log Exports in the Pacific Northwest?," *Journal of Forestry*, pp. 680-682, November 1985 (with A.C. Wiseman).

"Can the U.S. Expand Forest Products Exports to Japan?" *Forest Industries*, pp. 36-37, May 1985.

"Third World Debts Create U.S. Trade Deficit," op ed *Wall Street Journal*, March 19, 1985.

"Long-Term Timber Supply: An Application of Discrete Time Optimal Control," in Policy Analysis for Forestry Development, *Proceedings of IUFRO Conference*, Thessaloniki, Greece, 1984 (with Kenneth Lyon).

"An Economic Assessment of International Forest Plantations," *Forest Ecology and Management*, December 1984.

Book review, *Forestlands: Public and Private*, edited by R.T. Deacon and M.B. Johnson in *Journal of Forestry*, September 1984.

"Global Forests," chapter 4 in *The Resourceful Earth*, J. Simon and H. Kahn (eds.), Basil Blackwell Publisher, Oxford, 1984, and RFF Reprint No. 233 (with M. Clawson).

"U.S.-Japanese Solidwood Products Trade," *The Columbia Journal of World Business*, June 1984.

"Long-Term Forest Resources Trade, Global Timber Supply and Intertemporal Comparative Advantage," *American Journal of Agricultural Economics*, December 1983, pp. 1010-1016 (with Kenneth Lyon).

"Market and Nonmarket Influences in Urban/Forest Interface Conflicts," in *Land Use and Forest Resources in a Changing Environment: The Urban/Forest Interface*, Gordon A. Bradley (ed.), University of Washington Press, Seattle, pp. 93-95, 1984.

"Private Investment in Forest Plantations: A Global Perspective with Emphasis on the Tropics," in H.T. Tang, C. Pinso and C. Marsh (eds.), *Proceedings of Seminar on The Future Role of Forest Plantations in the National Economy and Incentives Required to Encourage Investments in Forest Plantation Development*, Kota Kinabalu, Sabah, Malaysia, 30 November-4 December, 1987. (Kota Kinabalu, Sabah Malaysia: Sabah-World Bank Forestry Technical Assistance Project, in collaboration with *Tropenbos*.)

"History of Sustained Yield Concept and Its Application to Developing Countries," in *History of Sustained-Yield Forestry*, Harold Steen, (ed.), Forest History Society, 1984, pp. 3-15 (Marion Clawson and Roger A. Sedjo).

"International Forest Plantations: An Economic Assessment," in *Strategies and Designs for Afforestation*, Wageningen, Pudoc, The Netherlands, 1984.

"Evaluation of Investment Priorities," in *New Forests for a Changing World*, Society of American Foresters, pp. 41-47, 1984.

"Tropical Deforestation: How Serious?," *Journal of Forestry*, December 1983, pp. 792-794 (with Marion Clawson).

"An Optimal Control Theory Model to Estimate the Regional Long-Term Supply of Timber," *Forest Science*, December 1983, pp. 798-812 (with Kenneth Lyon).

"The World Supply of Wood: Economic Supply," in *International Trade in Forest Products*, James Bethel (ed.), University of Washington Press, Seattle, 1983, pp. 44-61.

"Application of Optimal Control Theory to Estimate Long-Term Supply of Timber" (with K. Lyon), in *Forest Sector Models*, A. B. Academic Publishers, 1983.

"How Serious is Tropical Deforestation?" op ed in *Newsday*, May 1983.

Book review of *Sustained Yield*, edited by Dennis C. LeMaster, David M. Baumgartner and David Adams, *Journal of Forestry*, July 1983.

"World Deforestation," *Resources*, Fall 1982 (with Marion Clawson).

"The Effectiveness of An Export Restriction on Logs," *American Journal of Agricultural Economics*, February 1983 (with A.C. Wiseman).

"The Housing Recession, The Forest Products Industry and International Markets," *Resources Evaluation Journal*, Fall 1982.

"Intensive Forest Management Options in the Pacific Northwest Compared with Opportunities in Other Regions," published in a series as the 32nd H. R. MacMillan Invited Lecture to the Faculty of Forestry, University of British Columbia, March 1982.

"Housing-Recession, Regional Impact, Potential Recovery," *Resources*, No. 70, Summer 1982.

"Sweden's Forest Industry and Forest Plantations of the Tropics and Southern Hemisphere," Research Report 1982:3, University of Umea, Department of Regional Economics, Umea, Sweden.

"Forest Plantations, Production and Trade in the Pacific Basin," in *Renewable Resources in the Pacific*, H.E. English and Anthony Scott, (eds.), International Development Research Centre, Ottawa, Canada, 1982.

"The Effects of An Export Embargo on Related Goods--Logs and Lumber," *American Journal of Agricultural Economics*, August 1981. Also published as RFF Reprint 192 (with A. Clark Wiseman).

"Forest Policy," Chapter 3 in *The Management of Renewable Resources in Developing Countries*, Charles Howe (ed.), Denver, Colorado, Westview Press, 1982 (with Marion Clawson).

"U.S. Forest Productivity in the World Perspective," presented to the 1981 National Convention of the Society of American Foresters, Orlando, Florida, September 1981, and published in the 1981 National Convention *Proceedings*.

Book review of *Tropical Forests: Utilization and Conservation*, Francois Mergen, editor, in *Forest Products Journal*, April 1982.

"The Comparative Economics of Plantation Forestry," in *Collaborative Paper: Proceedings of the Forest Industry Workshop*, P. Uronen (ed.), CP-81-3, International Institute for Applied Systems Analysis, Laxenburg, Austria.

"Forest Plantations in Brazil and Their Possible Effects on World Pulp Markets," *Journal of Forestry*, November 1980.

"Log Export Restrictions: Some Findings," *Journal of Forestry*, December 1980 (with A. Clark Wiseman).

"Exotic Plantations and Their Implications for U.S. Forest Products Trade," in *Issues in U.S. International Forest Products Trade*, R. A. Sedjo (ed.), Resources for the Future, Washington, D.C., 1981.

"Efficiency and Distributional Consequences of a Log Export Prohibition: Some Policy Implications," in *Issues in U.S. International Forest Products Trade*, R. A. Sedjo (ed.), Resources for the Future, Washington, D.C., 1981 (with A. Clark Wiseman).

"U.S. Comparative Advantage in Timber Growing," in *Timber Demand: The Future is Now*, pp. 80-129, Forest Products Research Society, Madison, Wisconsin, 1980.

"Defining the Issues," in *Proceedings of the Conference on Timber Supply*, sponsored by the Forest Products Research Society, San Francisco, California, September 1979.

"Research in Forest Economics," in *Proceedings of the Southern Forest Economics Workshop*, Chapel Hill, North Carolina, March 1979.

"Policy Alternatives--An Overview from the Workshop on Nonindustrial Private Forests," in *Proceedings of the Annual Convention of the Society of American Foresters*, St. Louis, Missouri, 1978.

"Nonindustrial Private Forests: Some Policy Alternatives," in *Proceedings of the Annual Convention of the Society of American Foresters*, Albuquerque, New Mexico, 1977.

"U.S. Dependence on Canadian Resources," in *U.S. Dependency on Canadian Natural Resources*, Frank Convery and Boyd Strain (eds.), Canadian Studies Center, Duke University, Durham, North Carolina, 1979.

"Regional Policy and its Impact upon Incentives for Regional Industrialization," *Journal of Korean Affairs*, October 1976, pp. 42-128.

"Korean Historical Experience and the Labor Surplus Model," *Journal of Developing Areas*, January 1976, pp. 213-222.

"Combining Regression Analysis and Input-Output in Korea's Third Five-Year Sectoral Model," in *Basic Documents and Selected Papers of Korea's Third Five-Year Plan*, S. H. Jo and W. Y. Park (eds.), Seoul, Korea, Sogang University Press, 1972, pp. 279-286.

"The Turning Point for the Korean Economy," in *Basic Documents and Selected Papers of Korea's Third Five-Year Plan*, S. H. Jo and W. Y. Park (eds.), Seoul, Korea, Sogang University Press, 1972, pp. 207-224.

"Labor Surplus and the Korean Economy," ILCORK Working Paper No. 4, Social Science Research Institute, University of Hawaii, 1971.

"Price Trends, Economic Growth, and the Canadian Balance of Trade: A Three Country Model," published *Journal of Political Economy*, May/June 1971, pp. 596-613.

### **Selected Internet and Media**

"Is Bioenergy Carbon Neutral," Roger Sedjo, Weathervane, April 18<sup>th</sup>  
<http://www.rff.org/wv/archive/2011/04/18/is-bioenergy-carbon-neutral.aspx>

"Forest Concerns in the United States: Then and Now," Roger A. Sedjo, Weekly Policy Commentary, October 18, 2010.  
<http://www.rff.org/Publications/WPC/Pages/Forest-Concerns-in-the-United-States-Then-and-Now.aspx>

Interview on forest certification. September 22, 2010: Posted  
[http://www.youtube.com/watch?v=GVKVbNEKqC4&feature=player\\_embedded](http://www.youtube.com/watch?v=GVKVbNEKqC4&feature=player_embedded)

Green power? The Limits of Cellulosic Biofuel  
<http://www.rff.org/wv/archive/2009/07/22/the-limits-of-cellulosic-biofuel.aspx>

State department sponsored news conference, a number press publications covered or mentioned (in Indonesia) the event. contact Tristram Perry, Public Diplomacy Officer [perrytd@state.gov](mailto:perrytd@state.gov).

News conference Indonesia, Fall 2008  
<http://www.youtube.com/watch?v=fJRPXqVwLdU&feature=related>

TV interview for Aljazeera TV network discussing the fires in Sumatra. The contact point is Stephanie Vaessen [step.vaessen@aljazeera.net](mailto:step.vaessen@aljazeera.net)

"Forestry, biofuels and the oil crises," PERC Reports: Volume 28, No. 2, June 2008.  
<http://www.perc.org/articles/article1064.php?view=print>

"Addressing Biodiversity and Global Warming by Preserving Tropical Forests,"  
Commentary RFF Web site.  
[http://www.rff.org/rff/News/Weekly\\_Policy\\_Commentary/This-Weeks-February 21, 2008.](http://www.rff.org/rff/News/Weekly_Policy_Commentary/This-Weeks-February%2021%2C%202008)

"The Impact of Globalization on the Forest Products Industry," by Roger A. Sedjo and David Bael, Sloan Industry Studies Working Paper Series.  
<http://www.industry.sloan.org/industrystudies/workingpapers/admin/uploads/76.pdf>

Backgrounder “Forest and Biological Carbon Sinks after Kyoto,” March 2006  
[WWW.WEATHERVANE.RFF.ORG](http://WWW.WEATHERVANE.RFF.ORG)

Kenyan Forest Cover Declining  
<http://allafrica.com/stories/200505040929.html>

“Beyond Kyoto” <http://www.rff.org/rff/NEWS/Features/Beyond-Kyoto.cfm>  
December 23, 2004.

“Streamlining the Forest Service Planning Process,”  
<http://nmmstream.net:8080/ramgen/rff/scholars-11-04/sedjo.rm>

“Tree Biotechnology: Regulation and International Trade,” Delivered to the International Consortium on Agricultural Biotechnology Research (ICABR) 8<sup>th</sup> ICABR International Conference on Agricultural Biotechnology: International Trade and Domestic Production Ravello (Italy), July 8-11, 2004.  
<http://www.economia.uniroma2.it/conferenze/icabr2004/papers/default.asp>

“Future Trends in US Forestry in a Global Context” Global Markets Forum, (February 2005.) <http://ncseonline.org/ewebeditpro/items/O62F6140.pdf>

“Can We Meet Kyoto Targets Using Forest Sinks: the Case of EU, Japan and Canada,” Fulbright Scholar Public lecture presentation delivered to the University of Alberta, October 30, 2003. Webcast live at: <http://www.re.ualberta.ca/webcast/>

“Global Supply and Demand for Forest Products: Some Important Trends” presented April 28, 2004, Portland Or. <http://outreach.cof.orst.edu/ORforestsector/ppt/Sedjo.pdf>

“The End of Kyoto Or Why It Doesn’t Really Matter What the Russians Do about Kyoto,” <http://www.rff.org/rff/Events/COP9/The-End-of-Kyoto-Or-Why-It-Doesnt-Really-Matter-What-the-Russians-Do-about-Kyoto.cfm>

“Tree Biotech: Regulatory and Economic Issues” Paper delivered at the 7<sup>th</sup> International Consortium on Agriculture Biotechnology Research International Conference on Public Goods and Public Policy for Agriculture Biotechnology, Revello Italy, June 29- July 3, 2003. [www.economia.uniroma2.it/conferenze/icabr2003/](http://www.economia.uniroma2.it/conferenze/icabr2003/)

“Changing Demands on the World’s Forests: Meeting Environmental and Institutional Changes.” from the 2002 S.J. Hall Lectureship in Industrial Forestry  
<http://nature.berkeley.edu/forestry/lectures/hall/2001sedjo/2001sedjo.html>

“Impacts of Climate Change on Forests,” (with Brent Sohngen) RFF Climate Issue Brief #9, April 1998, [WWW.WEATHERVANE.RFF.ORG](http://WWW.WEATHERVANE.RFF.ORG)



“Carbon Sinks in the Post Kyoto World,” (with Brent Sohngen and Pamela Jagger) RFF Climate Issue Brief, October 2, 1998, [WWW.WEATHERVANE.RFF.ORG](http://WWW.WEATHERVANE.RFF.ORG)

Carbon Mitigation Through Forestry and Land Use: The Effect of the International Climate Agreement on Forestry, October 2000, [www.weathervane.rff.org/features/feature107.html](http://www.weathervane.rff.org/features/feature107.html)

“Fires in the Federal Forests,” RFF opinions and Editorials, [WWW.rff.org/misc\\_docs/op\\_edisfires.htm](http://WWW.rff.org/misc_docs/op_edisfires.htm)

“Forest ‘Sinks’ as a Tool For Climate Change Policy,” April 2001, [WWW.WEATHERVANE.RFF.ORG](http://WWW.WEATHERVANE.RFF.ORG)

“Times Article Misinterprets Study.”  
<http://www.weathervane.rff.org/features/feature126.htm>

“The Impact of Biotechnology on Planted Industrial Forests: Biotechnology’s Application to a Unique Crop.” Abstract. The International Consortium on Agricultural Biotechnology Research (ICABR)  
<http://www.economia.uniroma2.it/conferenze/icabr/nontechabsrtact2001/Sedjo.htm>

“Renting Carbon Offsets: the Question of Permanence,” by Sedjo, Marland and Fruit,  
<http://www.weathervane.rff.org/features/feature136.htm>

"Renting and trading carbon offsets: carbon sequestered in the terrestrial biosphere and the question of permanence" by R. Sedjo, G. Marland and K. Fruit.  
[http://www.weathervane.rff.org/policy\\_design/cap\\_and\\_trade/Renting\\_Carbon\\_Offsets\\_Sedjo.pdf](http://www.weathervane.rff.org/policy_design/cap_and_trade/Renting_Carbon_Offsets_Sedjo.pdf)

### **Forest Service Website:**

“Streamlining the Forest Service Planning Process.” 2004. Chapter 18 in *New Approaches on Energy and the Environment: Policy Advice to the President*, pps. 101-105, Edited by Paul R. Portney and Richard D. Morgenstern. 2004. RFF, Washington.  
<http://www.fs.fed.us/emc/nepa/ems/includes/article3.pdf>

## Major Reports and Contracts:

“Woody Biomass Programmatic Investments: An Independent Review and Recommendations.” October 2011, prepared for US Endowment for Forestry and Communities, Team of six. (Becker, Sedjo, Bihn, Kraumeneauer, Kingsley, Harper.

“Carbon Neutrality and Bioenergy: a zero sum game?” RFF Discussion Paper 11-15, April 2011.

“Report of the External Review Panel of Assessing the State-of-the-Science for the Global Climate Change Domain Within RTI International,” by Michael McCracken, Rakesh Agrawal, Douglas Crawford-Brown and Roger Sedjo, Report Submitted July 8, 2010

“The Biomass Crop Assistance Program (BCAP): Some implications for the Forest Industry,” 2010. Resources for the Future Discussion Paper, RFF DP 10-22. 15 pps. <http://ssrn.com/abstract=1581551>

“Adaptation of Forests to Climate Change: Some estimates,” RFF DP – 10-06. Roger A. Sedjo. <http://www.rff.org/RFF/Documents/RFF-DP-10-06.pdf>

Forest Measurement and Monitoring: Technical Capacity and “How Good is Good Enough?” M. Macauley, D. Morris, R. Sedjo, K. Farley, and B. Sohngen, RFF Report. Pps. 26, December 2009. [http://www.rff.org/RFF/Documents/RFF-Rpt-Technical%20Capacity\\_Macauley%20et%20al.pdf](http://www.rff.org/RFF/Documents/RFF-Rpt-Technical%20Capacity_Macauley%20et%20al.pdf)

“The Implications of Increased Use of Wood for Biofuel Production.” Resources for the Future, Issue Brief # 09-04, April 2009, by Roger A. Sedjo and Brent Sohngen. <http://www.rff.org/RFF/Documents/RFF-IB-09-04.pdf>

“Adaptation of Forest to Climate Change,” Report to the World Bank, ENV, pp 59, June 2009. Appears as World Bank Climate Change Series Discussion Paper

“Carbon Credits for Avoided Deforestation,” by Roger A. Sedjo and Brent Sohngen. RFF Discussion Paper 07-47. (October 2007)

“The Impact of Globalization on the Forest Products Industry,” by Roger A. Sedjo and David Bael. June 2007, Sloan Industry Studies Working Paper Series, Numnrt WP-2007-26. <http://www.industry.sloan.org/industrystudies/workingpapers/admin/uploads/76.pdf>

“Comparative views of different stumpage pricing systems: Canada and the U.S.” in *U.S. – Canada Forest Products Trade: A bilateral Technical Symposium*, Research Report, Michigan Agricultural and Experiment Station, September. Special Report 125, pp 233-241. 2007.

“Options and Measures to Reduce Atmospheric CO<sub>2</sub>,” Chapter 4 in the *State of the Carbon Cycle Review (SOCCR)*, sponsored by several federal government agencies, including NOAA, NASA, USGS, and DOE, Contributing author with Erik Haites, et al. 2007, March.

“Toward Globalization of the Forest Products Industry: Some Trends,” David Bael and Roger A. Sedjo, RFF Discussion Paper 06-35, August 2007  
<http://www.rff.org/rff/Documents/RFF-DP-06-35.pdf>

“Forest Sequestration: Performance in Selected Countries in the Kyoto Period and the Potential Role of Sequestration in Post-Kyoto Agreements, an RFF Report, May 2006. Masahiro Amano and Roger A. Sedjo.

“Toward Commercialization of Genetically Engineered Forests: Economic and Social Considerations” RFF Report, March 2006 <http://www.rff.org/rff/Documents/RFF-Rpt-CommercializationGEForests.pdf>

“Forest Sequestration: Performance in Selected Countries in the Kyoto Period and Sequestrations its Potential Roles in Post Kyoto Agreements, March 23, 2006, by Masahiro Amano and Roger A. Sedjo. Final report to Waseda University, Tokyo. Funded by the Global Environment Research Fund of the Japanese Ministry of Environment.

“Macroeconomics and Forest Sustainability in the Developing World,” RFF Discussion Paper, DP 05-47.

“Genetically Engineered Forests: Financial and Economic Assessment to the Future,” Report to FAO, Rome, July 13, 2005.

“REPORT OF THE SOCIETY OF AMERICAN FORESTERS REACCREDITATION VISITING TEAM. Environmental Science, Policy and Management, College of Natural Resources, University of California, Berkeley, by B. Bruce Bare (Chair), Terry W. Clark, Steven W. Sellin, and Roger A. Sedjo. May 2005.

“Forest Certification: Toward Common Standards,” RFF Discussion Paper, by Carolyn Fischer, Francisco Aguilar, Puja Jawahar and Roger Sedjo for the Foreign Investments Advisory Service of the World Bank Group, April 2004.  
<http://www.rff.org/rff/Documents/RFF-DP-05-10.pdf>

“Kenya Forestry: Economic and Financial Viability,” Roger A. Sedjo, pp.19, Consultant to the World Bank and PROFOR (1), A Discussion Paper (2), 13 December 2004.  
<http://allafrica.com/stories/200505040929.html>

“Genetically Engineered Trees: Promise and Concerns.” RFF Report, pp. 48. November 2004. <http://www.rff.org/rff/Documents/RFF-RPT-Forest.pdf>

“A Systematic Examination of the Implementation and Outcomes of the Plant Protection Act (7 U.S.C. Sections 7701 *et seq.*) as Related to the Commercialization of Transgenic

Trees for the Production of Timber and Industrial Wood” final Mellon Fellowship Report in Environmental Regulatory Implementations, Submitted August 31, 2004.

“Review of : “Taxpayer Losses and Missed Opportunities: How Tongass Rainforest Logging Costs Taxpayers Millions,” Researched and written by the Southeast Alaska Conservation Council, fall 2003, pp.5, and Reviewed by Roger A. Sedjo, May 2004, under contract to the Alaska Rainforests Campaign.

“Review on Methodological Approach memo dated December 8, 2004.” Project for Industrial Economics Inc., February 1, 2004.

“Review of Draft Economic Analysis of Critical Habitat Designation for the Mexican Spotted Owl.” Project for Industrial Economics Inc., February 21, 2004.

“Carbon Sequestration Costs in Global Forests,” paper prepared and presented as part of the Stanford Energy Modeling Forum 21, papers on Non-Carbon GHGs, Washington, DC, May 24-26, 2004. By Brent Sohngen and Roger Sedjo.

“Transgenic Trees: Implementation and Outcomes of the Plant Protection Act,” RFF Discussion Paper April 2004, paper 04-10.

“Forest Carbon Sinks: European Union, Japanese, and Canadian Approaches,” RFF Discussion Paper 03-41, October 2003, by Masahiro Amano and Roger A. Sedjo.  
<http://www.rff.org/rff/Documents/RFF-DP-03-41.pdf>

“Biotechnology’s Potential Contribution to Global Wood Supply and Forest Conservation.” RFF Discussion Paper 01-51, November 2001.

“The National Forests: For Whom and For What?” PERC Policy Series, Issue Number PS-23, August 2001, Bozeman Montana.

“Can Carbon Sinks be Operational” RFF Workshop Proceedings. Edited by Roger A. Sedjo and Michael Toman, RFF Discussion Paper 01-26, July 2001.

“The Operationalization of the Kyoto Protocol with a Focus on Sinks: A Perspective for Japan: Second Year.” Final report prepared by Roger A. Sedjo of Resources for the Future funded by the Association of International Research Initiatives for Environmental Studies (AIRIES) July 20, 2001

“Estimating Carbon Supply Curves for Global Forests and Other Land Uses,” by Roger Sedjo, Brent Sohngen and Robert Mendelsohn, Report prepared for the Department of Energy and as an RFF Discussion Paper 01-19. April 2001.

“Forest Carbon Sequestration: Some Issues for Forest Investments.” 2001, Roger A. Sedjo, RFF Discussion Paper 01-34, Washington.  
<http://www.rff.org/rff/Documents/RFF-DP-01-34.pdf>

“Forestry Sequestration of CO<sub>2</sub> and Markets for Timber,” 2000. Roger A. Sedjo and Brent Sohngen, RFF Discussion Paper 00-35, Washington. September

“El Niño and the Eastern Forests of North America,” 2000. by Roger A. Sedjo, Nancy Bergeron, Chetan Agarwall, Pamela Jagger and William White. Final Report of Resources for the Future to National Oceanic and Atmospheric Administration (under Grant No. NA66GP0253)

“The Forestry Sector: OECD Environmental Outlook,” Report to OECD, Paris, November 1999. Roger Sedjo

“Biotechnology and Planted Forests: Assessment of Potential and Possibilities,” December 1999. RFF Discussion Paper 00-06, Washington. Roger Sedjo.

“Tariff Liberalization, Wood Trade Flows and Global Forests,” 1999. RFF Discussion Paper 00-05, by Roger Sedjo and David Simpson

“Eco-Labeling and the Price Premium,” 1999. RFF Discussion Paper 00-04, Roger A. Sedjo and Stephen K. Swallow.

“Tariff Liberalization, Wood Trade Flows and Global Forests,” Report prepared for the Forest Service, RFF Discussion paper 00-05, December 1999, by Roger A. Sedjo and R. David Simpson.

“Carbon Sequestration By Forestry – Effects of Timber Markets,” Report Number PH3/10, June 1999, 72 pages, IEA Greenhouse Gas R & D Programme, Cheltenham, Glos. GL52 4RZ UK, by Roger Sedjo and Brent Sohngen.

“El Niño, Ice Storms and the Market for Residential Fuelwood in Eastern Canada and the Northeastern US,” RFF Discussion Paper 99-44(May) by Pamela Jagger, William White, and Roger Sedjo.

“The Impact of El Niño on Northeastern Forests: A Case Study on Maple Syrup Production,” RFF Discussion Paper 99-43 (June), by Nancy Bergeron and Roger Sedjo

“Marion Clawson’s Contributions to Forestry.” RFF Discussion Paper 99-33 (April 99)

“Potential for Carbon Forest Plantation in Marginal Timber Forests: The Case of Patagonia, Argentina.” RFF Discussion Paper 99-27, (March 1999).

“Forest Service Vision: or, Does the Forest Service have a Future?” RFF Discussion Paper 99-03 (October 1998).

“Sustaining the People’s Lands: Recommendations for Stewardship of the National Forests and Grasslands into the Next Century,” Final Report to the Secretary of Agriculture by the Committee of Scientists (Norm Johnson, Chair), March 15, 1999.

“Privatization, Trade Liberalization and Romanian Forest,” paper prepared for HIID and the CESED, Bucharest, Romania, May 1998.

“Measuring Climate Change Impacts: The Case of Global Timber Markets.” Paper presented at the Annual Meetings of the American Agricultural Economics Association, July 1997. (with Sohngen, Brent and Mendelsohn, Robert)

“Sustainability in Temperate Forest – Key Developments and Issues,” Report to the American Forest & Paper Association and the US Forest Service, June 30, 1997 (with Alberto Goetzl and Stevenson Moffat.

“The Forest Sector: Important Innovations,” RFF Discussion paper 97-42, August 1997.

“Are We Building Environmental Literacy? A Report by the Independent Commission on Environmental Education, April 1997. Commissioner and Contributor to the Report.

“An Analysis of Global Timber Markets” (with Brent Sohngen, Robert Mendelson and Kenneth Lyon) RFF Discussion Paper 97-37 (1997).

“Models Needed to Assist in the Development of a National Fiber Supply Strategy for the 21st Century,” RFF Discussion paper 97-22, February 1997 ( with A. Goetzl).

“Economic Interactions at Local/Regional/National/International Scales” (with Dale Toweill and John Wagner). Paper prepared as output of the Ecosystem Management Workshop, Tucson, Arizona. 1995.

“A Comparison of Timber Models for Use in Public Policy Analysis” (with Brent Sohngen), RFF Discussion Paper 96-12. (1996).

“Timber Supply Model 96: A Global Timber Supply Model with a Pulpwood Component” (with Kenneth Lyon), RFF Discussion Paper 96-15.

“The Role of Human Adaptation in Amelioring the Impact of Climate Change on Global Timber Markets,” (with Brent Sohngen, Rob Mendelsohn and Kenneth Lyon) RFF Discussion Paper 96-08, 1996

“Investments in Biodiversity Prospecting and Incentives for Conservation” (with R. David Simpson), RFF Discussion 96-14.

“Argentina: Carbon and Forests,” a report for the Global Environmental Facility, World Bank, December 4, 1995 (with Eduardo Ley).

“The Potential of High-Yield Plantation Forestry for Meeting Timber Needs: Recent Performance and Future Potentials,” RFF Discussion Paper 95-08, December 1994.

“Managing Carbon Via Forestry: Assessment Of Some Economic Studies, RFF Discussion Paper 95-06, November 1994 (Sedjo, Joe Wisniewski, Alaric Sample, and John D. Kinsman).

"Changing Timber Supply and the Japanese Market," RFF Discussion Paper ENR94-25, November 1994 (Roger Sedjo, Clark Wiseman, David Brooks, and Ken Lyon).

“Contracting for Genetic Resources,” presented to Environmental Directorate, Organization for Economic Cooperation and Development, Paris, 4 November 1994 (Roger A. Sedjo and R. David Simpson).

"Potential Environmental and Other External Consequences of the Program to Increase the Area in Plantation Forests in Argentina," report prepared for the Secretaria de Agricultura, Ganadaria y Pesca, Gobierno de Argentina, April 1994 (with Pierre Crosson and others).

"Global Forest Products Trade: The Consequences of Domestic Forest Land-Use Policy," RFF Discussion Paper ENR94-13, February 1994 (Roger A. Sedjo, A. Clark Wiseman, David Brooks, and Kenneth Lyon).

"Natural Resource Pricing and Taxes in Estonia," consulting report as part of a Harvard Institution for International Development team to the Ministry of Environment, 1993, Government of Estonia, Tallinn.

"Adverse Selection, Risk Aversion, and Costly Auditing: Implications for Contract Form and Vertical Integration, RFF Discussion paper ENR 93-08, February 1993, (R. David Simpson and Roger A. Sedjo).

"Sustainable Forest Management," chapter 3 in *Indonesia Forest Sector Review*, World Bank Mission Report, April 1993 (Roger Sedjo and Jay Blakeney).

"Sustainable Natural Tropical Forest Management," editor (James Douglas and Roger Sedjo), Report for ASTEC, 1992, World Bank.

“Management and Conservation of Tropical Forest Ecosystems and Biodiversity.” Asian Development Bank, T.A. No. 1430-INFO, Final Report, Deutsche Forst Consult, May 1992. (Contributor)

"Economic Aspects of Management and Conservation of Tropical Forest Ecosystems and Biodiversity: Workshop Report" presented at Jakarta, Indonesia, December 16, 1991 as part of the ADB report (T.A. No. 1430- IND).

"Managing Forests for Timber and Ecological Outputs on the Olympic Peninsula," RFF Discussion Paper ENR92-02, October 1991 (DNR Washington funded) (Roger Sedjo and Michael D. Bowes).

"Report III - Forest Resources," in "Processes for Identifying Regional Influences of and Responses to Increasing Atmospheric CO<sub>2</sub> and Climate Change - The MINK Project," prepared by RFF for the U.S. Department of Energy, DOE/RL/01830T-H9, p. 122, August 1991 with Norman Rosenberg and others.

"Implications of a Tradeable Obligations Approach to International Forest Protection," report to EPA, 40 pp., December 31, 1991 (revised February 10, 1992).

"Toward a Worldwide System of Tradeable Forest Protection and Management Obligations," RFF Discussion Paper ENR91-16, August 28, 1991 (EPA funded).

"Market Instruments and Sink Enhancement in a Global Warming Context," prepared for the Environment Directorate, OECD, Paris, May 1991.

"Domestic Earmarks and Trade Policy: An Application to U.S. Log Exports," RFF Discussion Paper ENR 91-09, (Clark Wiseman, Roger Sedjo and Kenneth Lyon).

"Forest Protection, Monitoring, and Enforcement in the Philippines." Report Prepared for the World Bank, ASIA Agriculture, June 1990.

"The Pricing of Natural Resources for Sustainable Development," prepared for OECD Environment Directorate, May 1990.

"The Nation's Forest Resources," Discussion Paper ENR90-07, Resources for the Future, 85 pages, January 1990 (USDA-FS funded).

"Elements in a Strategy for Sustainable Forest Management in Indonesia," report for AID-Jakarta, November 16, 1990.

"Managing Genetic Resources in Sub-Saharan Africa: Policy and Institutional Options," report prepared under grant from AID Africa Bureau, February 1989.



"Climate and Forests," (Roger Sedjo and Allen Solomon) in *Agriculture, Forestry, and Global Climate Change - A Reader*, prepared by the Congressional Research Service for the Committee on Agriculture, Nutrition, and Forestry, U.S. Senate, April 1989, pp. 496-543.

"Policy Options for Adaptation to Climate Change," Chapter 7 in *The Full Range of Responses to Anticipated Climate Change*, prepared with Norman J. Rosenberg and others. Report prepared for the United Nations Environmental Programme, January 1989. Also produced as Discussion Paper ENR89-05 (DOE funded).

"Native Forests, Secondary Species, Plantation Forests and the Sustainability of Indonesia's Forest Industry," report submitted to FAO project INS/83/019, 27 pages, Jakarta, September 7, 1988.

"The Economics of Natural and Plantation Forests in Indonesia," Field Document No. 2, FAO project INS/83/019, Assistance to Forest Sector Development Planning, 28 pages, January 1988.

"Incentives and Distortions in Indonesia's Forest Policy," report prepared for the Environmental Division, ASTEN, The World Bank, 60 pages, October 1987.

"The Role of Forestry Trade in Economic Development," report to Forestry Department, FAO, 50 pages, January 1985.

"U.S.-Japan Trade in Forest Products," report to U.S.-Japanese Presidential Advisory Commission, 64 pages, July 1984.

"Proceedings of a Workshop on Forest Policy Education," editor, RFF Discussion Paper no. D-117, 111 pages, January 1984.

"Discrete Time Optimal Control Algorithm for Analysis of Long-Run Timber Supply" (Kenneth Lyon and Roger Sedjo), RFF Discussion Paper no. 96, 34 pages, November 1982.

"Iron and Steel Scrap," report prepared for the Metal Scrap Research and Education Foundation by Robert R. Nathan Associates, 119 pages, August 23, 1977 (with Joseph Gunn and others).

"International Executive Service Corps: An Evaluation," report prepared for AID by Robert R. Nathan Associates, 87 pages, May 27, 1977 (with Joseph Gunn and others).

"Methodological Appendix: Trans-Alaska Gas Project Employment Impact Analysis," prepared as a separate part of the overall report for the El Paso Alaska Company under contract with Robert R. Nathan Associates, 18 pages, April 15, 1977.

"Employment Impact of the Trans-Alaska Gas Project," report prepared for the El Paso Alaska Company by Robert R. Nathan Associates, 29 pages, April 1977 (with James Fay and others).

"Zambia: Country Resource Paper," report prepared for the Office of Eastern and Southern African Affairs, Bureau of Africa, AID, under contract with Robert R. Nathan Associates, 130 pages, February 1977.

Industry Report: Sumatra Regional Planning Study, Part B, final report submitted to Robert R. Nathan Associates in conjunction with the Ministry of Public Works (PUTL), Directorate of Regional and Urban Planning, Republic of Indonesia, and the International Bank for Reconstruction and Development, Washington, D.C., 125 pages, October 30, 1975.

"Sector Assessment Methodology with Special Reference to Technology Transfer and Income Distribution: The Agricultural Sector," final report submitted to the Sector Project and Planning Staff of the Near East South Asia Bureau, Technical Staff (NEAS/TECH), U.S. Agency for International Development, Washington, D.C., 136 pages, April 30, 1975.

"Regional Diversification and Korea's Regional Incentive System," report submitted to Robert R. Nathan Associates and UNDP, September 1974.

"Industrialization for Gwangju's Regional Development: Strategy and Industries," report submitted to Robert R. Nathan Associates and UNDP, September 1974.

"Gwangju's Regional Development Plan: Analysis and Projections of Sectoral Output, Investment, and Values Added, 1972-1991," report submitted to Robert R. Nathan Associates, as part of UNDP-sponsored Regional Development Plan for Gwangju, Korea, September 1974.

"Recommendations for Financial Development in Afghanistan," report to AID/Washington regarding the viability of a proposed project for the development of Afghanistan's financial system, April 1972.

"Philippine Provincial Government and Rural Development," report, USAID/Manila, 50 pages, November 1972 (with James Dalton and others).

"The Economic Impact of the Textile Quota Agreement on the Korean Economy," USAID/Korea, October 1971.

"Korean Agricultural Food Grain Subsector: Supply and Demand, Farm Mechanization, Storage and Fertilizer." Contributed to this report prepared by the Economics and Agricultural Economics Staff, USAID/ Korea, 50 pages, October 1970.

### **Selected Delivered Papers and Presentations:**

"What are the Carbon implications of Using Wood for Bioenergy" Presentation as part of an SAF Briefing to the U.S. House of Representative Staff, April 12, 2012 and to the US Senate Staff, April 13, 2012.

“Is wood bioenergy ‘carbon neutral?’” to be delivered to the EAERE meeting June 27, 2012. Prague.

“How Carbon Neutral is Bioenergy? RFF Academic Seminar, March 1, 2012.

“Bioenergy and the carbon footprint,” presented at a School of Life Science Special Seminar, Arizona State University, Tempe, AZ February 15, 2012.

“Incorporating Forestry into Emissions Pricing and Offset Programs.” by R. Mendelsohn, R. Sedjo and B. Sohngen. Presented to the IMF Technical Workshop on Fiscal Policy and Climate Mitigation, International Monetary Fund, Washington, September 6, 2011

“Is Bioenergy Carbon Neutral?” presentation at the 15th Edition of ICABR Conference on June 26-29, 2011 in Frascati (Rome) (Italy).

“Forest Adaption to Climate Change Managements Options. Presented by Sedjo to ACES meeting, Phoenix, AZ December 9, 2010.

“Biomass and Carbon Neutrality: A Zero Sum Game?” USDA Bioelectricity and GHG Workshop, November 15, 2010. Washington, DC.

Comments by Roger A. Sedjo on: “Does Climate Alone Explain the Recent Multi-decadal Western Wildfire Trend?: A Cautionary Note on Statistical Identification, Omitted Variables Bias and Causal Attribution,” By Jason Scott Johnston and Jonathan Klick. Paper presented to the University of Arizona Conference on the Law and Economics of Wildland Fire, November 8-9, 2010

Keynote Presentation “The Role Forests Can Play in Carbon Capture: Principles, Costs and Policies, Environment for Development Meeting, Kuriftu Ethiopia, October 29, 2010.

Moderator and Organizer of the session on “Problems of the UN model of Climate Science,” for the conference the Bloody Crossroads of Science and Policy, AEI, March 24, 2010.  
<http://www.aei.org/video/101279>

Presented Paper “How do environmental regulations affect investments in biofuel and biofuel R&D?: the case of transgenic trees.” To the 14<sup>th</sup> Annual ICARB Conference on Biotechnology Governance, Revello Italy, June 16-18, 2010.

Presented Comments on “The Problematic Impact of the IPCC process on the Understanding and Evolution of ‘Consensus’ in Climate Science’ by Jason Scott Johnson, Conference at GW Law School,

Comments on “Climate Change and the Management of National and State Owned Land in the United States” by Christopher McGrory Klyza, presented to Lincoln Institute’s Annual Land Conference, Cambridge, Mass, May 24-25, 2010

“The Forest Service Planning Rule: Please no not again,” presented to the National Science Forum Agenda, Washington, DC, March 30, 2010.

“Wood and Biofuels” paper delivered to the Board of Agriculture and Natural Resources, National Research Council, Washington D.C., December 1, 2009.

Presentation/Panel RFF Wednesday Seminar Series session on Challenges and Opportunities in Managing the World’s Forests. Panel Participate, Nov 5, 2009, DC.

Presentation, “Forestry in Emerging Carbon Markets,” Presentation to the Symposium “Seeds of Change: A Renewed Perspective on Forest Policy, Duke University, November 6, 2009.

Presentation, “Concepts and Challenges of Sustainability Assessment “ Key Note Speaker, Shape Your Sustainability Tools, EFORWOOD, Uppsala, Sweden, September 23, 2009.

Presentation on “Cellulosic Biofuels: Opportunities for Landowners?” to National Forest Landowner (NAFO) conference, May 28, 2009, Amelia Island, Florida.

Presentation “Prospects in Cellulosic Biofuels” to the NC State University chapter of the International Society of Tropical Foresters, April 17th 2009. Symposium on the International Implications of the Biofuels Industry - Social, Economic, and Environmental Perspectives.

Presentation of The John Gray Distinguished Lecture, School of Forest Resources and Conservation, University of Florida, “The Role Forests Can Play in Carbon Capture: Principles, Costs and Policies” February 6, 2009.

Presentation: “The Value of Forests” and discussant of, “The Amazonian rainforest: the trade-off between economic use and the forest as global carbon sink, presented by Blairo Maggi, the Governor of Mato Grosso, Brazil. Cato Institute, Washington, D.C. December 2<sup>nd</sup>, 2008.

Presentation “The Implication for the Timber Sector of US Biofuel Mandates.” Forest Sector Modeling Conference, University of Washington, Seattle, November 18, 2008.

Presentation “A Proposal to Frame a Comprehensive Global forest Monitoring System,” to the GEO Forest Monitoring Symposium, Foz do Iguaca, November 7, 2008.

Delivered 14 presentations to Universities, Chambers of Commerce, Scientific and Environmental groups as part of State Department Speaking Tour of Indonesia, August 2008.

Presentation “Tropical Forests and the Climate” to seminar on the Role of Forests in Poverty Alleviation in Developing Countries, Danish Centre for Forest Landscape and Planning. University of Copenhagen, Copenhagen, Denmark. May 8, 2008

“Avoided Deforestation: How Costly? How Powerful a Tool?” Keynote: presented to Yale’s International Society of Tropical Foresters Conference, March 27-28, 2008. New Haven.

“Terrestrial Carbon Sequestration for Mitigation Climate Change within the Framework of Kyoto Protocol and Possible Post Kyoto Scenarios.” Presentation to the International Workshop on Scope of Production Forestry in Enhancing Climate Change Mitigation in India, 17 January 2008, Jaipur, India.

“Carbon Trading and Forestry Management Opportunities,” Presentation to Seminar on Carbon Trading and Prospects for Indian, January 12, 2008, Delhi, India.

“Cellulosic Biofuels” presentation to the Department of Forest Science, University of North Carolina, Durham NC, November 28, 2007.

“Wood for Biofuels” presentation to the Department of forest Science, University of Missouri, Columbia, MO., October 8, 2007.

“Bioprospecting and Biodiversity Conservation,” Discussant, and participant in the Symposium on Property Rights in Environmental Assets: Economic and Legal Perspectives, Program on Economics, Law, and The Environment, University of Arizona. October 26th, 2007.

“Reconsidering Conservation Reconsidered,” RFF Wednesday Series, Oct. 3, 2007, Moderator and presenter, session 2.

“Forests and Biodiversity in Latin America: The San Jose Solution,” Presented Consult San Jose meeting, Costa Rica, October 23<sup>rd</sup>, 2007.

“A global perspective on forest sustainability.” Presentation to the Wildlife Society, Tucson, AZ September 26, 2007.

“The Future Competitiveness of the US Forest Industry: Timber, Biofuels and Trade” Presentation to the Florida Forestry Association, Sawgrass, FL, September 6, 2007.

"Ethanol, Biodiesel and other Renewable Energies: Wood for Biomass Energy" presented to the International Workshop on Economics, Policies and Science of Bioenergy, sponsored by the ICABR 11th International Conference, Revello, Italy, July 26, 2007.

“Forest Sequestration and Climate. Paper” presented to the Roundtable on “Bioenergy, Biodiversity and Forest Sequestration,” sponsored by the Faculty of Science, University of Lisbon and the Portuguese-American Foundation, Lisbon Portugal, 19 July 2007.

“The Globalization of Forestry: Major Changes Brought by Russia and Biofuels.”  
Presentation to the National Capital Chapter of the Society of American Foresters, April 11, 2007, Library of Congress, Washington, DC.

“Biotechnology and Global Forestry, Keynote to Biotechnology Series Research Workshop, Washington, DC. February 20, 2007.

“Forest, Pulpmills, Energy and Biorefineries,” Presentation to the Department of Rural Economy, University of Alberta, Edmonton, Alberta, Canada. February 14, 2007.

“Climate Change: Is it real and can forests make a difference?” Presentation to the Environmental Law and Economics Program at the University of Arizona, Tucson, February 2, 2007.

“Cellulosic Biofuel: Possibilities and Potentials,” presentation to the Electrical Utility and Energy Conference, Tucson AZ, January 23, 2007.

“The US Forest Industry: Future Directions,” at a Workshop on “The Future of Forest Industry and Forestry in Nordic Countries and North America: What are the future opportunities” Suomenlinna, Parrlastihuone, Helsinki, Finland, September 19th, 2006.

“The Role of Forest Sinks in Meeting Kyoto Targets: The Case of EU, Japan and Canada.” Presentation to the Finish Forest Products Research Institute (METLA), Helsinki, Finland, September 20, 2006

“Climate Change and the Potential Role of Biological Sequestration,” Presentation, April 7<sup>th</sup>, 2006, to faculty and graduate students, Department of Agricultural & Resource Economics, University of Arizona, Tucson AZ.

“Forestry and Climate Change: Strategies for Coping,” Presented to the Forestry Leadership Conference, Toronto, Canada, March 1, 2006. (Sedjo)

“Carbon Sequestration Costs in Global Forests,” presentation to the EMF 21 –Multigas Mitigation and Climate Change Meeting, Hotel Washington, January 31, 2006, Washington, D.C. (B. Sohngen and R. Sedjo).

“The Role of Forest Carbon Sinks: in the Kyoto Protocol and Beyond,” Presentation to the Electric Utilities Environmental Conference (EUEC), January 22-25, 2006, Tucson AZ. (with Masahiro Amano)

“Future Directions for U.S. Forestry in a Global Context,” Presentation to Senior Forest Leadership Meeting, U.S. Forest Service, December 5, 2005, Holiday Inn on the Hill, Washington, DC.

“Biological Sequestration: The Potential Contribution of Forests, Presentation to the Japanese Forest Service, Office of Climate Change, Tokyo, Japan November 14, 2005.

“Biotechnology and Forest Trees” Presentation to State Forestry Agency, China, Beijing, China, October 31, 2005.

“Forests and Climate Change,” Presentation to the Chinese Academy of Forestry, Beijing, China, November 1, 2005.

“Driving Forces in Forestry: Future Direction for US Forestry in a Global Context,” Keynote paper presented to the Society of American Foresters National Convention, Fort Worth, Texas, October 21, 2005.

“Forest certification: is a common environmental code of conduct feasible?” by FISHER, C., AGUILAR, F.X., JAWAHAR, P., SEDJO, R. 2005. In Forestry: Economics and Environment. Proceedings of the 35<sup>th</sup> annual Southern Forest Economics Workshop. Sun Joseph Chang/ Mike A. Dunn Eds. Baton Rouge, Louisiana. April 18-20, 2005.

“Application of Biotechnology to Forestry: Current Situation and Emerging Scenarios,” Delivered to the International Consortium on Agricultural Biotechnology Research (ICABR) 9th ICABR International Conference on Agricultural Biotechnology: Ten Years Later, Ravello (Italy), July 6-9, 2005.

“Forest Policies in an International Context.” Presented to International Conference on “The Economic, Social and Environmental Role of Forests: Policies, Approaches and Case Studies,” University of Padova, Italy, April 28, 2005.

"Forests and forest products in climate change mitigation" by Lauri Valsta, Roger Sedjo, Kim Pingoud and Leif Gustavsson, Pekka Kauppi. presented to the Sub-plenary session "Meeting the challenge of climate change" IUFRO World Congress 2005, August 9, 2005, Brisbane, Australia.

“Tree Biotechnology: Some Aspects,” presented to the Duke College of the Environment, Durham, April 6, 2005.

“Economic interactions in forestry carbon sequestration,” paper to be presented to the IIUFR Forestry Congress, August 2005, Brisbane Australia, by Lauri Valsta, University of Helsinki, Finland, Roger Sedjo, Resources for the Future, Washington, D.C., Kim Pingoud, Finnish Forest Research Institute, Helsinki, Finland and Johanna Pohjola, Finnish Forest Research Institute, Helsinki, Finland.

“Forest Policies in an International Context.” Presented to International Conference on “The Economic, Social and Environmental Role of Forests: Policies, Approaches and Case Studies,” University of Padova, Italy, April 28, 2005.

“Comparative view\_ Stumpage Pricing the USD and Canada,” presentation U.S. - Canada Forest Products Trade: A Bilateral Technical Symposium, Michigan State University, March 7, 2005.

“Future Trends in US Forestry in a Global Context.” Presented to the Global Markets Forum, Orlando, Florida, February 16, 2005. <http://ncseonline.org/NCSSF/>

“Exchange Rates and the Competitiveness of the US Timber Sector in a Global Economy” by Adam Daigneault, Brent Sohngen and Roger Sedjo, presented at the 2005 AAFA Annual Meeting.

Workshop sponsored by the Sustainable Forest Management Network on “Challenges of Institutional Redesign; Tenure, Competitiveness and Sustainability.” University of British Columbia, Vancouver, January 20-21, 2005.

“The Future of the Forest Service: Some Scenarios” presentation to Centennial Forum, Graytowners National Historical Landmark, November 19, 2004.

“Regulation and International Trade.” presentation to the conference “New Century, New Trees: Biotechnology as a Tool for Forestry in North America,” Research Triangle Park, NC, November 16, 2004.

“Potential Impact of Climate Change on U.S. Forest Resources,” presentation to the Joint 2004 Annual Convention of the Society of American Foresters and Canadian Institute of Forestry, Edmonton, Canada October 3, 2004.

“Tree Biotechnology: Regulation and International Trade,” Delivered to the International Consortium on Agricultural Biotechnology Research (ICABR) 8<sup>th</sup> ICABR International Conference on Agricultural Biotechnology: International Trade and Domestic Production Ravello (Italy), July 8-11, 2004.

“Forests, Working Forests and Economic Development,” Presentation to the National Governor’s Association meeting, Nashville, Tenn., June 15, 2004.

“Forest Economics and Policy” Presentation to Senior Mexican Officials, Mexico City, June 3, 2004.

“Forest Plantations and Biotechnology: Some Important Trends,” 2004 Presentation CellFor Conference, Atlanta GA, May 20, 2004.

“Global Supply and Demand for Forest Products,” Presented to Symposium on Oregon’s Forest Sector: Enhancing its Economic Contribution and its Relationship to Global Forest Sustainability, World Forest Center, Portland, Oregon, April 28, 2004.

“Timber Supply, Plantations and Tropical Forests” Presentation to the International Society of Tropical Foresters, USDA FS, Rm 5500W, February 4, 2004.



“Renting Temporary Carbon Emission Offsets” (Roger Sedjo with Gregg Marland)  
Presented to the 7<sup>th</sup> Electrical Utilities Environmental Conference, January 22, 2004,  
Tucson AZ.

“Global Carbon Sequestration Cost Curves” Paper Presented (Brent Sohngen and Roger  
Sedjo) at the Stanford Energy Modeling Forum 21 (EMF21), Stanford University, December  
8-10, 2003.

“Markets to Promote Carbon Sequestration Forestry” presentation to Department of  
Agriculture and separate presentation to senior Forest Service Staff, December 16, 2003.

“Timber Supply and Sustainable Forests: A Global Overview,” Forest Industry Lecture  
Series, University of Alberta, November 13, 2003.

“Can We Meet Kyoto Targets Using Forest Sinks: the Case of EU, Japan and Canada,”  
lecture presented at a public lecture at the University of Calgary, November 3, 2004 and to  
the Northern Forestry Centre, Edmonton, Alberta, November 5, 2003.

“Can We Meet Kyoto Targets Using Forest Sinks: the Case of EU, Japan and Canada,”  
Fulbright Scholar Public lecture presentation delivered to the University of Alberta, October  
30, 2003. Webcast live at: <http://www.re.ualberta.ca/webcast/>

“New Reality of Sustainable Forestry,” keynote presentation delivered to the annual  
meeting of the National Association of State Foresters, Portland Oregon, September 15,  
2003.

“Surviving Globalization in the Wood Products Industry” keynote presented to the  
Forest/Vital Communities conference, Minneapolis Minnesota, September 10, 2003.

“Biotechnology and Planted Trees: Some Regulatory and Economic Consideration,”  
Presented to the ICABR Conference on Productivity, Public Goods and Public Policy:  
biotechnology potentials.” Revello, Italy, June 30, 2003.

“Biological Sequestration” presentation to the EPRI Eighth Annual Global Climate Change  
Research Seminar. Arlington, VA, May 28, 2003.

“Plantation Forests and Biotechnology,” presented to the new Biotechnology Center,  
Concepcion University, Concepcion Chile, April 3 2003

“Carbon Offsets – Technical, Policy and Market Aspects.” Paper delivered to American  
Economic Association Meetings, January 5, 2003, Washington, D.C.

"Estimating Global Carbon Sequestration Costs," with Brent Sohngen." Paper Presented to  
Working Group Meeting, Multi-Gas Mitigation and Climate Change, Modelers Group  
December 4-6, 2002, Washington, DC

“Definitional Challenges and Realities of Sustainable Forestry with Respect to Management and Economics” Paper presented to the Forest Futures Conference, Willamette University, Salem, Oregon, September 25, 2002.

Land Use: Forest, Pasture, Crops and Biodiversity Competition, paper presented to Bretton Woods conference, October 1, 2002 by Roger A. Sedjo and R. David Simpson

“Future Prospects for the Forest Industry in the US.” Paper presented to the session on Megatrends in the US Forestry Sector, to the Society of American Forester National Convention, Winston-Salem, NC, October 8, 2002.

“Issues and Recent Experience Related to Science and Policy in Sustainable Forest Management,” Keynote Presentation at the Great Lakes Forest Alliance: 1st Annual Sustainable Forest Management Summit, Green Bay Wisconsin, July 17, 2002.

“What are the Impacts of Global Warming on US Forests, Regions and the US Timber Industry?” By Roger A. Sedjo and Brent Sohngen, presented by Sedjo to the Second Goddard Forum Global Warming: Causes, Effects and Mitigation Strategies for States and Localities, April 17-18, 2002.

"Renting and trading carbon offsets: carbon sequestered in the terrestrial biosphere and the question of permanence" by R. Sedjo, G. Marland and K. Fruit, presentation by Sedjo at the Concerted Action for Tradable Emissions Permits (CATEP) workshop, London School of Economics, London, UK. March 25-26, 2002.

“Tropical Forests and Poverty Alleviation.” Paper delivered to the Tropenbos International Seminar on Forest Valuation & Innovative Financing Mechanisms for Conservation and Sustainable Management of Tropical Forests, March 20-21, 2002, The Hague, Netherlands.

“Changing Productivity in Forestry” paper presentation to the Australian Productivity Commission, Canberra, Australia, February 12, 2002.

“International Development in the Forest Sector: Production, Carbon Sinks and the Environment.” Paper delivered to the Australian Agricultural and Resource Economics Society: ACT Branch, Canberra, Australia, February 14, 2002.

“Discussant” Issues in Land and Forest Management, Association of Environmental and Resource Economists, American Economics Association Meeting, Atlanta, Georgia, January 6, 2002.

“Discussant” International Environmental Policy-Making and Scholarship: Markets, Treaties, and Science. Annual Research Conference, Association of Public Policy, Analysis & Management, Washington, D.C. November 3, 2001

"Forest plantation's impact on roundwood supply and prices - present situation and

future potential" presentation at "The Future of the Norwegian Forestry Sector," Oslo, Norway, November 7-8, 2001.

"The National Forest System: For Whom and For What" presentation delivered to the National Capital section of the Society of American Forester Meeting, Library of Congress, October 31, 2001.

"Global Timber Model," presentation at the Forestry and Agricultural Greenhouse Gas modeling Forum, Shepherdstown WVA, October 1, 2001 (Sohngen and Sedjo)

"Changing Demands on the World's Forests," S.J. Hall Lecture in Industrial Forestry, Center for Forestry, College of Natural Resources, University of California, Berkeley, September 28, 2001.

"The Ethics of Wood Consumption and Supply," presented to the Annual Convention of the Society of American Forester, Denver Colorado, September 14 2001.

"Biological Systems to Mitigate Global Climate Change: Some Recent Research." Keynote presented to the meeting on "Carbon sinks and the present state of research in forest" Tokyo, Japan. August 30, 2001.

"The Economic Contribution of Biotechnology and Forest Plantations in Global Wood Supply and Forest Conservation." Paper presented to a Conference of Biotechnology in Forestry, Stevenson, Washington, July 22-27, 2001.

"Terrestrial Systems to Mitigate Climate Change." Keynote presented to the 2001 World Conference on Natural Resources Modeling, June 27-30, Logan Utah.

"The Impact of Biotechnology on Planted Industrial Forests: Biotechnology's Application to a Unique Crop." Presented at an International Conference on Biotechnology, Science and Modern Agriculture: a New Industry at the Dawn of the Century, Sponsored by The International Consortium on Agricultural Biotechnology Research (ICABR), Ravello Italy, June 15-18, 2001.

"Can Carbon Sinks Be Operational: Some Issues" by Richard A. Birdsey and Roger A. Sedjo, presented at the RFF Carbon Sinks Workshop, April 30, 2001, Washington, D.C.

"Can Collaboration Decision-Making Work in the National Forests?" Presentation to the Conference on National Forest Policy and Law, University of Montana, Missoula, MT, January 22-23, 2001.

"Land Use: Forest, Pasture, Crop and Biodiversity Competition," by Roger Sedjo and David Simpson, presentation to the Conference on Agricultural Products and Productivity, Bretton Woods, NH October 1, 2002.

“Carbon Mitigation Through Forestry and Land Use in the Kyoto Protocol,” 4<sup>th</sup> International Conference on Air Quality & Global Climate Change, Tucson AZ, January 8-12, 2001.

"Optimal Forest Carbon Sequestration" Paper delivered to the Annual Meeting of the American Economics Association, New Orleans, January 7, 2001, Brent Sohngen, Ohio State University, Robert Mendelsohn, Yale University, and Roger Sedjo, Resources for the Future.

“Climate Change, Forests and Carbon Sequestration and the Kyoto Protocol,” Presentation to the Institute for the Study of the Planet Earth seminar series, University of Arizona, November 21, 2000

“The Economic Effects of the Climate Agreement on the Forest Sector,” Keynote to the Annual Seminar of the Finish Society of Forest Science, Helsinki Finland, October 18, 2000.

Climate Change, Forest Carbon and Kyoto, Presentation, Institute for the Study of the Plant Earth, University of Arizona, November 21, 2000.

The Role of Forest Plantations in the World’s Future Timber Supply, Keynote, Delivered to the International Poplar Conference, Portland Oregon, September 25, 2000.

“Demands on Public Lands: What is the Future of the National Forest?” Wilson Distinguish Lecture, Montana State University, September 19, 2000

“Forest Certification: Some Problems and Pressures,” Delivered to the XXI IUFRO World Congress 2000, 8 August 2000.

“The social and economic impacts of plantation forests,” in *Forests and Society: The Role of Research, Sub-Plenary Sessions*, Vol. 1, XXI IUFRO World Congress, KL Malaysia, August 2000.

“Biotechnology for Planted Forests: An Assessment of Biological, Economic and Environmental Possibilities and Limitations,” paper delivered to the meeting on

“Environmental Policy, Agriculture and Biotechnology,” sponsored by the European Science Foundation and International Plant Genetic Resources Institute, Rome, Italy, May 29, 2000.

“Climate, Terrestrial Sinks and Climate,” paper presented at a roundtable panel on “Global Climate Economics and Policy: Update from Selected Lead Authors of the Intergovernmental Panel on Climate Change,” Annual Meeting of the American Economics Association, Boston, January 9, 2000.

“World Forests as A Key Factor in Global Warming,” Keynote presented to *An International Symposium on Global Environmental Issues and Forests*, Ehime University, Matsuyama, Japan, 2-4 April 1999.

“Some Analytics and Implications of Eco-Labeling,” presented to the First World Congress of Environmental Economists, Venice, Italy, 25-27 June 1998 (with Stephen Swallow)

“Property Rights, Biodiversity and Pharmaceutical Development,” Presentation at the International Seminar on Bioprospecting, Ministry of Environment, Bogota, Colombia, December 4-5, 1997.

“Forest Products Trade and Certification: An Economic Assessment,” Paper presented at the World Forestry Congress, Antalya, Turkey October 15, 1997.

“Forests: Supply and Demand,” presentation made to the general session of the Society of American Foresters Annual Convention, Memphis Tenn., October 9, 1997.

“Forest Economics: A Partial Review,” Keynote presentation to a IUFRO meeting of forest economics in Umea, Sweden, September 9, 1997.

“Environmental Education: A View from the Independent Commission,” presented to summer conference of Accuracy in Academia, Dirksen Senate Office Building, July 18, 1997.

“The relationship between carbon sequestration and forest biomass and the costs of using forests for carbon sequestration” presentation to faculty and student group at Chulalongkorn University in Bangkok, Thailand, February 13, 1997.

"Timber Fees, Harvest Contracts, and Forest Lease Arrangements on U.S. Public Forestlands," paper delivered to Workshop on Forests, Khabarovska, Russian Far East, April 1996.

“Global Trade in Forests Products: Trade and Environmental Implications,” presentation to the 7th American Forest Congress, Washington, DC, February 1996.

“Fiber from Plantation Forests,” delivered to the Global Pulp and Paper Seminar, New York, November 1995.

"Global Environmental Degradation and Conflict" and "Global Resource Issues," two papers delivered at the Workshop on Environmental, Resources, and Population as Sources of Conflict in 2014. Institute for National Strategic Studies, National Defense University, Washington, DC, July 19, 1994.

"A Summary of the Economics of Managing Carbon via Forestry: Assessment of Existing Studies," paper presented to the conference on "Joint Implementation," Groningen, Netherlands, June 1-3, 1994.

"Social and Human Factors in Sustainable Forest Management," paper delivered to the Annual Meeting of the Society of Wood Science and Technology, June 26, 1994, Portland, ME.

Forests to Capture Carbon: Tradeable Permit Schemes," presented to Working Group III, Intergovernmental Panel on Climate Change (IPCC), Workshop on Policy Instruments and Their Implications, Tsukuba, Japan, January 18, 1994.

"The Commercialization of Biodiversity" delivered to the Annual Meeting of the American Economics Association, Boston, Mass., January 1994 (with R. David Simpson). Earlier version presented to Workshop on Market Instruments in the Environment, Stanford University, November 1993 (with R. David Simpson).

Cambridge Symposium on Forces Driving Biodiversity, Kings College, Cambridge University, July 18-20, 1993.

"The Carbon Cycle and Global Forest Ecosystems, paper presented at an International Workshop on Quantification of Sinks and Sources of CO<sub>2</sub>, March 1-5, 1993, Harzburg, Germany.

"External Consequences of Domestic Environmental Policies," presented to a workshop (Project 88 - Round 2) for Congressional staff, sponsored by CSIA, John F. Kennedy School of Government, Harvard, in Washington, D.C., September 24, 1992.

"Transactions, Economics, and the Conservation of Tropical Biodiversity," (with David Simpson) presented to the International Association for the Study of Common Property, Washington, D.C., September 18, 1992.

Presented a series of invited lectures on "Global Timber Supply" to the Chinese Academy of Forestry, Beijing, China, October 1991.

"The Future of Forestry," presented to the annual convention of the Society of American Foresters, San Francisco, Cal., August 1991.

Delivered presentation of "Global Warming and Climate Change," to Australian Pulp and Paper Institute and Technical Association (APPITA) Annual Meeting, Melbourne, Australia, April 30, 1991.

"Educating Foresters to Meet Future Challenges," presented at the Annual Convention of the Society of American Foresters, San Francisco, August 1991.

"Reforestation to Mitigate Rising Carbon Dioxide," to AAAS annual meeting, Washington, D.C., February 13-18, 1991.

"Tropical Forests, Property Rights and Environmental Values: Economic Concepts and Real World Complexities," presented at The American Economics Association annual meeting, Washington, D.C., December 1990.

"The Role of Forests in the Global Carbon Cycle," presented to the annual convention of the Society of American Foresters, Washington, DC, July 1990.

"The Role of Industrial Forestry in Sustainable Development," presented at the 1990 Annual Meeting of the American Association for the Advancement of Science (AAAS), New Orleans, Louisiana, February 1990.

"Property Rights, Genetic Resources and Biotechnological Development," presented at the 1990 Annual Meeting of the American Association for the Advancement of Science (AAAS), New Orleans, Louisiana, February 1990.

"Economic Wood Supply: Choices for Canada's Forest Industry," invited paper, Canadian Institute of Forestry 1989 Annual Meeting, Kananaskis, Alberta, October 1989.

"Estimating Forest Resources in Indonesia in the Absence of a Comprehensive Inventory," presented at the IUFRO Conference on "Global Natural Resources Monitoring and Assessments, Venice, Italy, September 1989.

"The Expanding Role of Plantation Forests in the Pacific Rim," presentation to "Prospects for Australian Plantations: A National Conference," Canberra, Australia, August 21, 1989.

"International Forest Products Trade: Present and Future," keynote presentation of the conference, "The Forest Industry: New Horizons," Christchurch, New Zealand, March 1988.

"The Washington State Trust Lands: An Examination of a Public Trustee's Management of Forestland," presented to a conference on "Trust Relationships and Individual Responsibility" PERC, Big Sky, Montana, December 3, 1987.

"An Outsider Looks at Canadian Forestry," invited paper delivered to the Canadian Institute of Forestry Annual Meeting, Victoria, British Columbia, September 1986.

"Timber Supply Modeling: Demand Side Considerations" (with Kenneth Lyon), invited paper delivered to the XVIII IUFRO World Congress, Ljubljana, Yugoslavia, September 1986.

"Problems with the Public Lands" (with Marion Clawson), invited paper delivered to the Eastern Economics Association meetings, Philadelphia, Pennsylvania, April 1986.

"Deforestation and the Value of Biological Diversity," invited paper presented to the Annual Meeting of the American Economic Association (AEA), New York, New York, December 29, 1985.

"Incentives and Tariff Barriers Related to Forest Products Trade," invited paper, IX World Forestry Congress, Mexico City, Mexico, July 1985.

"A Three Region Optimal Control Theory Forestry Model," presented to the meeting of the International Federation of Operations Research Societies, Washington, D.C., August 1984.

"Tropical Deforestation," presentation to Ditchley Foundation Conference on World Wood Resources, Ditchley Park, Oxford, United Kingdom, October 1983.

"The Situation of the World's Tropical Forests," paper delivered to seminar on Management of Forest Resources in Asia, Los Banos, the Philippines, July 1983.

"Global Forests," paper presented to American Association for the Advancement of Science (AAAS) Annual Meeting, Detroit, Michigan, May 1983.

"Institutional Arrangements to Discourage Excessive Deforestation," paper presented to the Second World Congress on Land Policy, Harvard Law School, Cambridge, Massachusetts, June 22, 1983.

"The Effect of Federal Control on Log Exports" (with A. Clark Wiseman), paper presented to the Eastern Economics Association Meeting, Washington, D.C., April 1982.

"An Optimal Control Theory Model of Long-Term Timber Supply," (with Kenneth Lyon), lecture presented to International Institute of Applied Systems Analysis, Laxenburg, Austria, January 1982.

"Sweden's Forest Industry and Forest Plantations of the Tropics and Southern Hemisphere," paper presented to the International Conference on Structural Economic Analysis and Planning in Time and Space, Umea, Sweden, June 1981.

"The Comparative Economics of Plantation Forestry," paper presented at the International Institute for Applied Systems Analysis, Laxenburg, Austria, January 10, 1980.

"International Barriers to Forest Products Trade: The Effect of the MTN" (with Samuel J. Radcliffe), paper presented at the Southern Economics Association Meeting, Atlanta, Georgia, November 7-9, 1979.

"Regional Planning in Asia," paper presented at the Western Economic Association Annual Conference, Third World Growth and Development Session, San Francisco, California, June 26, 1976.

"Labor Surplus in Korea: The Historical Evidence," paper presented at the Western Economic Association Annual Conference, Development Session, Las Vegas, Nevada, June 10, 1974.



"The Turning Point for the Korean Economy," paper presented at the International Liaison Committee for Research on Korea Conference, Seoul, Korea, August 1971.

"The Canadian Balance of Trade: An Empirical Study," paper presented to the Rocky Mountain Social Science Association, Lubbock, Texas, May 1969.

### **Selected Media/Radio/TV interviews/Appearances**

U.S. State Department sponsored news conference, ten articles appeared in press publications (in Indonesia) of the event. 2005. Contact Tristram Perry, Public Diplomacy Officer [perrytd@state.gov](mailto:perrytd@state.gov).

TV interview for Aljazeera TV network discussing the fires in Sumatra. 2005. The contact point is Stephanie Vaessen [step.vaessen@aljazeera.net](mailto:step.vaessen@aljazeera.net)

Interviewed: by Sarah Gardner for NPR Market Place Radio Program on the topic Climate and Wildfires for Monday Morning program, September 24<sup>th</sup>, 2007.

One-hour interview by Rural Route Radio on a range of natural resource, energy and environmental issues, March 8, 2007.

New Zealand: The Morning Report, Radio interview about the work on global forests (PNAS paper), Nov 16, 2006. *Emma Obrien*

Comments on Maine Public Radio broadcast on genetically engineered trees for Maine forests. October 121, 2005.

Interviewed by Marc Whittaker on BBC's "The World Today" radio broadcast on the Spanish forest fires. July 19, 2005.

Radio Appearance discussion on "Global Warming and Kyoto Protocol," Panel Discussion on the "The Connection," (one hour interview talk program, with former Senator Tim Wirth), NPR, WBP Boston, November 11, 2004.

Interview quoted on NPR's Market Place on Green Business  
[http://marketplace.publicradio.org/morning\\_report/2004/05/18\\_mmr.html](http://marketplace.publicradio.org/morning_report/2004/05/18_mmr.html)

Radio Interview on Intensive Forest Management, "Timber Talk," KZHE Magnolia, Ark, 9:00 – 9:30 central time, October 30, 2003

"One on One" interviewed by Sandy Rathburn on "Fire in the Forest" on KVOA Tucson, AZ. One half hour interview aired July 28<sup>th</sup> 2002.

"Think Tank" one-half hour discussion panel on "Public Lands" led by Ben Wattenberger on PBS Television, Arlington, VA. Aired Summer 2000.

Numerous shorter appearances on CNN and elsewhere.

**Web Broadcasts:**

Alabama Forest Owner's Association Web Broadcast

January 19, 2005, 10 AM Central Time

3-4 minute interview on "Exchange Rates in Forestry"

"Can We Meet Kyoto Targets Using Forest Sinks: the Case of EU, Japan and Canada,"

Fulbright Scholar Public Lecture presentation delivered to the University of Alberta, October 30, 2003. Webcast live at: <http://www.re.ualberta.ca/webcast/> (Sedjo)

**Selected Honors, Memberships, Consultancies, Professional Activities:**

- American Economics Association
- Society of American Foresters
- Association of Environmental and Resource Economists
- International Society of Tropical Foresters
- Forest History Society
- Committee on Publications, Society of American Foresters, January 1989-94
- Board of Editors, *Asian Economic Journal*, 1973-75
- Board of Editors, *New Forests*, 1988-1998
- Associate Editor, *Journal of Forestry*, 1983-1992
- Board of Editors, *Forest Science*, 1992-1995
- Board of Editors, *Journal of Forest Policy* (formerly the *Journal of World Forest Resource Management*), ABA Publishers, Bicester Oxford, 1999- present
- Board of Editors, *Mitigation and Adaptation Strategies for Global Change*, 1994-present
- Associate Editor *Environmental Science & Policy*, 1998 – 2001
- Editorial Council, *Journal of Economic and Environmental Management*, 1995-97
- Member, Review Board, *Environment and Development Economics*, 1995-present
- Member, Editorial Board, *Environment and Development Economics*, 2002-2006
- Member, Honorary Editorial Committee of the new English quarterly journal *Chinese Forestry Science and Technology*, Published by the Chinese Academy of Forestry, 2002 - present
- Member, Advisory Board, Canadian-American Public Policy. Canadian- American Center, University of Maine, 1989-present
- Member, Editorial Board of the Electronic Journal of Sustainable Development, 2006 – present

- Member of the Advisory Board of *World Forests*, Springer Publishers, January 2007 - present
- Guest Lecture Series, College of Forestry, Mississippi State University, 1991
- Guest Lecturer, College of Forestry, University of Florida, 1992
- Guest Lecturer, Princeton University, April 2001
- Guest Lecturer, Rutgers University, April 2001
- Guest Lecturer, presentation on Forest Biotechnology, School of Forestry, Michigan State University, March 26, 2003
- Distinguished Visitor in Forestry and Natural Resources, William Main Program, University of California, Berkeley, Spring 1995.
- Lecturer, Benjamin A. Roach Forestry Forum, Kane, PA, October 1999
- Laird Norton Lecturer, University of Michigan, Winter 1984
- Jones Lecturer, Yale University, Spring 1984
- Weaver Lecturer, Auburn University, April 1997
- Distinguished Visitor in Forestry and Natural Resources, William Main Program, University of California, Berkeley, February 2000
- Hall Lecture in Industrial Forestry for 2001, College of Natural Resources, University of California, Berkeley, September 28, 2001.
- Presentation, M. L. Willson University Lecture Series, Montana State University, Bozeman, MT, September 2000.
- Invited lecture on Forest Biotechnology, School of Forestry, Michigan State University, March 26, 2003
- Present lecture on "Plantation Forests and Biotechnology" to Biotechnology Center, Concepcion University, Concepcion Chile, April 3, 2003
- Ditchley Park Conference on World Forestry, Fall 1984, Ditchley, U.K.
- 32nd MacMillan Lecturer, University of British Columbia, 1982
- Visiting Scholar at University of Umea, Umea, Sweden, June 1981
- Collaborative Researcher on Forest Sector Project, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, January-February 1982
- Presented guest lecture series on "Trade and Economic Development," Korea University, Seoul, Korea, Fall 1971
- Consultant to the Interagency Working Group for the Development U.S. Policy on Tropical Deforestation, 1980
- Consultant to U.S.-Japanese Presidential Advisory Commission, 1984
- Consultant, Agency for International Development (AID), 1974-75
- Consultant, Robert R. Nathan Associates, UNDP project, Korea, June-August, 1974, IBRD project, Indonesia, June-September 1975
- Consultant to Chilean Forest Service on Economics of Plantation Forests in Chile, December 1980

- Consultant to the United Nations Industrial Development Organization (UNIDO) project on Wood Processing in the Developing World, 1982
- Consultant to the Food and Agricultural Organization of the U.N. on the role of forestry trade in development, 1984
- Consultant to the Department of Forestry, Government of Indonesia, on FAO/UNDP project, May-August, 1987; July-August, 1988
- Consultant to the World Bank Team on Indonesia Outer Islands, 1987
- Consultant, OECD meeting on Pricing Natural Resources for Sustainable Development
- Consultant with World Bank Mission on Environment and Natural Resources to the Philippines, May-June 1990
- Consultant to USAID Indonesia through ARD contract, November 1989
- Consultant to Indonesian Ministry of Forestry (PHPA) under Asian Development Bank project, "Management and Conservation of Tropical Forest Ecosystems and Biodiversity," September, November 1991 and March 1992
- Consultant to the World Bank on the preparation of the Indonesian Forestry Sector Paper, 1992
- Consultant to Estonian Ministry of Environment on natural resource taxes and pricing through Harvard Institute for International Development contract, 1993
- Consultant to Secretaria de Agricultura Ganadaria y Pesca, Gobierno de Argentina, 1994
- Consulting to prepare and present expert testimony on behalf of Fletcher Challenge Corporation, represented by Simpson Grierson Butler White, Auckland, NZ in the Tasman/Forest Corporation of New Zealand Arbitration, Auckland, NZ, Fall 1993
- Consulting for Dewey Ballantine, 1775 Pennsylvania Avenue, NW, Washington, DC. Prepared report and analysis of the effects of Canadian log exports on lumber prices, Summer 1994
- Consulting for Washington Citizens for World Trade, Port Angeles, Washington. Prepared report assessing the impacts on the economics of log exports from the U.S. Pacific Northwest in light of the change in Forest Service timber harvest policy, 1994
- Consultant and Participant to Russian-American program "Rational Forest Management in the Russian Far East," April 16-18, 1996, Khabarovska, for the Harvard Institute for International Development (HIID)
- Consultant to Harvard Institute for International Development (HIID) an evaluation of its AID supported Environmental Economics Training Program for Asia, 1996
- Consultant to Center for International Environmental Law (CIEL), Forest Experts Panel that reviewed the draft forest code for Khabarovska Krai, Russian Far East, subsequently code submitted to the Russian Duma, July 1997
- Consultant to World Bank and Colombian Ministry of Environment on Biodiversity Prospecting, Bogota, Colombia, December 4-5, 1997

- Consultant to Harvard Institute for International Development and the Romania Centre for Environmentally Sustainable Economic Policy to assist in examining the UNEP financed "Economic Reform Impacts on Forestry Resources Management. Bucharest Romania, May 1-9, 1998.
- Consultant to Argentine Ministry of Forestry on carbon forest plantations in Patagonia, through CONSUR, Consulting firm, Montevideo, August 1998.
- Consultant to the OECD on Forest and the Environment, Poland, February 2000
- Consultant to the World Bank, Member Forestry Mission to Kenya, November 2004
- Consultant to the World Bank, The Impact of Climate Change on Forests, April/July 2009.
- Visiting Consultant to FAO, Rome Italy, September 2006
- Member SAF Task Force on International Trade, 1983-85
- Member SAF Task Force on Sale of Public Lands, 1983-85
- Member SAF Task Force on Strategic Planning, 1989-1991
- Member SAF Publications Committee, 1988-ongoing
- Member U.S. Steering Committee for International Trade Modeling, 1980-85
- Member of Committee to Coordinate U.S. Activities in the "Forest Sector Project" of the International Institute of Applied Systems Analysis (IIASA), Laxenburg, Austria, 1980-1985
- Member Advisory Panel for AID's Forestry Private Enterprise Project, 1987-89
- Member of Official U.S. Delegation to the Eighth World Forestry Congress, Jakarta, Indonesia 1978
- Member of Official U.S. Delegation to the Eleventh World Forestry Congress, Antalya Turkey, 1996.
- Presented briefing to Congressional "Forestry Task Force 2000" on Climate Change and U.S. Forests, January 12, 1988
- Testified on log export policy before the Forests Subcommittee on Agriculture, U.S. House of Representatives, May 1980
- Testified for Congressional Hearing on tropical deforestation, 1981
- Testified before Senate Agriculture Committee on timber sales termination, 1982
- Testified before House Agricultural Subcommittee on the housing recession's effect on the forest products industry, September 1982
- Testified before House Subcommittee on International Organizations on topic of Deforestation and Biological Diversity, September 1984
- Testified before House Subcommittee on National Parks and Public Lands, Hearing on Tropical Forestry Research, June 1989
- Testified before the House Appropriations Committee, Subcommittee on Interior and Related Activities, on Forestry Research presented to Hearing on Natural Resources, March 7, 1990

- Testified before the House Subcommittee on Forest and Forest Health, Committee on Resources, U.S. House of Representatives, Hearing on Committee of Scientists and National Forest Planning, March 16, 1999
- Testimony before the U.S. International Trade Commission (ITC) on Conditions of Competition in U.S. Forest Products Trade, May 26, 1999.
- Presentation at Congressional Staff Information Seminar on Private Forestry and Non-Industrial Forest Landowners, Longworth Building, October 20, 1999
- Participant, Intergovernmental Panel on Climate Change (IPCC) meeting, Group 2, Geneva, Switzerland, October 30-November 1, 1989
- Participant, Intergovernmental Panel on Climate Change (IPCC) meeting, Tropical Forests, Sao Paulo, Brazil, January 9-11, 1990
- Honorary Associated Editor (with William F. Hyde) of *Emerging Issues in Forest Policy*, edited by Peter N. Nemetz, University of British Columbia Press, Vancouver, 1992
- Member, Expert Consultation on Climate Change and Forests, FAO, Rome, March 5-8, 1990.
- Member, Expert Consultation on Cross-Sectoral Linkages in Forestry, FAO, Rome, September 17-20, 2002.
- Member, National Advisory Board, Duke University Center for Tropical Conservation, Policy Assistance and Sustainable Development Project, 1990-94
- Member, UNDP/World Bank/WHO Special Programme Task Force for Tropical Diseases and the Environment, June 1994-May 1995
- Member, Federal Livestock Grazing Fee Incentive Program Advisory Committee, Department of the Interior and Department of Agriculture, 1994
- Member, IPCC 1995 Assessment Report and Contributing Author to two chapters and reviewer of selected chapters
- Member, Advisory Council, Utility Forest Carbon Management Program, Edison Electric Institute, 1995-present
- Member, Advisory Committee, Smart Wood, Rainforest Alliance, 1992-present
- Member, Advisory Council for the AID sponsored Bolivian Forestry (BOLFOR) Project, Santa Cruz, Bolivia, 1996
- Commissioner, Independent Commission on Environmental Education, 1996-1997
- Member, Committee of Scientists, appointed by the Secretary of Agriculture to Recommend Modifications in Forest Service planning. December 1997-99
- Coordinating Lead Author, Intergovernmental Panel on Climate Change (IPCC) Third Assessment Report, Working Group 3, Chapter 4, "Options to Enhance, Maintain and Manage Natural Carbon Stocks," 1998-2001.
- Research Fellow for the Rural Development Research Consortium of the University of California, Berkeley as part of their network of scholars, 2002- present.
- Member International Union of Forest Research Organizations (IUFRO), Forest Biotechnology Task Force, 2003 – present

- Millennium Ecosystem Assessment, Lead Author (LA) on chapter 10, “timber, fibre and fuel.” 2003-2004.
- Member external panel to review Federal Wildland Fire Management Policy, Brookings Institution, April 2003.
- Invited Participant, US Forest Service Centennial Congress, January 3-6 2005, Washington, DC.
- Elected Fellow of the Society of American Foresters of outstanding service to forestry and to the Society, 2003.
- Advisory Board of *World Forests*, Springer Publishers, January 2007 – present
- Faculty Affiliate in the Program on Economics, Law and the Environment, University of Arizona, January 2007 – present
- Steering Committee, Project Learning Tree, American Forest Foundation, 2007-2008.
- Member of teaching team at Yale University. Students enrolled in a mid career short course on “Executives Learning about Forestry,” March 25-30, 2007; March 3-8, 2008 and “Foresters Becoming Executives,” April 15-20, 2007.
- Appointed to GAO Expert Panel on Climate Change Economics, June 1, 2007.
- Instructor, course on “Climate Change,” for seniors and graduate students, Department of Agricultural and Resources Economics, University of Arizona, Tucson, AZ. February 25-March 7, 2009.
- One of the 18 “leading economists” whose views were surveyed in the GAO Report (June 2008) summarizing views of leading economists on climate change policy. <http://www.gao.gov/new.items/d08605.pdf>.
- Instructor, course on “Climate Change,” for seniors and graduate students, Department of Agricultural and Resources Economics, University of Arizona, Tucson, AZ. February 25-March 7, 2009.
- Inducted to the Taft HS Hall of Fame (Chicago), October 2009.
- Key Note Speaker, Shape Your Sustainability Tools, EFORWOOD, Uppsala, Sweden, September 23, 2009.
- Consultant to RTI International to “assess the State-of-the-Science for the global climate change domain.” Fall 2010.
- Reviewer of forestry project proposals for GenomeCanada, Toronto, January 20-21, 2011.
- Presentation of “What are the Carbon implications of Using Wood for Bioenergy” as part of an SAF Briefing to the U.S. House of Representative Staff, April 12, 2012 and to the US Senate Staff, April 13, 2012.
- Appointed to the Urban Forestry Steering Committee of the NRC, April 2012.

### **Organization Activities and Boards:**

Member, EPA’s Science Advisory Board (SAB) Panel to review the technical document on accounting methodology for carbon dioxide emission from biogenic sources. September 2011 – present.

Member of the Board on Agriculture and Resources of the National Research Council,

March 2009 - present.

Member, Board of Directors, Sustainable Forestry Initiative, May 2008 - present.

President, Environmental Literacy Council, August 1999–2007

Chairman, Environmental Literacy Board of Directors, August 2005 – August 2009.

Member, Environmental Literacy Council, 1998–present.

Member, Resources Committee, Sustainable Forestry Board, 2002 – 2005.  
and Member, Sustainable Forestry Board Appeals Subcommittee. 2002 –2005.

Member, Board of Directors, Institute on Forest Biotechnology (IFB), 2004 - 2008.

Member of the Board of Directors and Executive Committee, Renewable Natural Resources Foundation, Bethesda, MD, 1982 -1990.

Member, Board of Directors, Association of Environmental and Resource Economists, 1982 - 1988, Treasurer.

Commissioner: Independent Commission for Environmental Education, 1995-97.

**References:** Available upon request.