Curriculum Vitae

GARY PIVO University of Arizona

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EDUCATION

EDUCATION				
Dec. 88 May 79 March 77	Ph.D., University of California, Berkeley, City and Regional Planning MRP, Cornell University, Regional Planning BA, University of California, Irvine , <i>cum laude</i> Social Ecology			
EMPLOYMENT				
University of Arizona				
	eputy Director, Urban Water Innovations Network (a National ience Foundation Sustainability Research Network)	7/2015 – 7/2022		
Pr	ofessor Urban Planning Natural Resources and the Environment Real Estate	7/1998 – present 7/2003 – present 7/2012 – present		
Se	enior Fellow, Office of Economic Development/University Research Parks	7/2003 – 7/2011		
	ean, Graduate College & <i>Director</i> of Graduate erdisciplinary Programs (university-wide)	7/1999 – 7/2003		
	s <i>ociate Dean</i> , College of Architecture, Planning, d Landscape Architecture	8/1998 – 7/1999		
Vert Asset Management: Sustainable Investing				
Inv	vestment Research Group	1/2017 – present		
University of Washington				
De	epartment Chair, Urban Design and Planning	7/1996 – 8/1998		
of	sociate Professor of Planning, <i>Adjunct Associate Professor</i> Civil Engineering, <i>Adjunct Associate Professor</i> of blic Affairs	6/1992 – 8/1998		
	rector, Human Dimensions Group, Puget Sound gional Synthesis Modelling Program	7/1996 – 8/1998		
	<i>rector</i> , Interdisciplinary Group the Ph.D. in Urban Design and Planning	6/1995 – 8/1998		

Director, Center for Sustainable Cities

1/1993 - 6/1995

Sabbatical, International Centre for Sustainable Cities Vancouver, Canada	6/1992 — 6/1993
Assistant Professor of Planning, Adjunct Assistant Professor of Civil Engineering and Adjunct Assistant Professor of Public Affairs	8/1987 – 6/1992
State Policy Fellow, Washington State Institute for Public Policy The Evergreen State College, Washington	7/1989 – 7/1990
Gary Pivo & Associates, Principal	6/1985 – present
Urban Futures, Inc., Urban Planner	7/1984 – 6/1985
Lawrence Livingston & Associates, Urban Planner	9/1982 — 7/1984
United State Forest Service	
Program Analyst, Western Regional Headquarters	6/1981 – 9/1982
United States Presidential Management Intern Office of the Asst. Secretary of Agriculture, Washington, D.C. Office of the Deputy Chief, Washington, D.C. Office of the Governor, Salem, Oregon Northwewest Regional Headquarters, Portland, Oregon Mount Hood National Forest HQ, Portland, Oregon Zig Zag Ranger District, Sandy, Oregon	6/1979 – 6/1981
AWARDS AND HONORS	

Master Builder, Sonoran Institute, 2014 American Real Estate Society Legacy Award, 2012 Senior Research Fellow, Homer Hoyt Institute, 2012-13 Administrator of the Year, UA Graduate & Professional Student Council, 2003 Institutional Leadership Award, NASA/Quality Education for Minorities, 2003 In Grateful Appreciation, UA Graduate & Professional Student Council, 2000 UW Showcase, highlighting a century of faculty achievement at the U. of Washington, 1997 Leadership in Growth Management, 1000 Friends of Washington, 1996 Washington State Public Policy Fellow, Washington State Institute for Public Policy, 1989 In Grateful Appreciation, City of Livermore, California, 1987 Honorable Mention, National Science Foundation Graduate Research Fellowship, 1978 Cornell University Presidential Fellowship, Cornell University, 1978-79 Distinguished Graduating Student, U.C., Irvine, Dean of Students, 1977 Community Service of the Year (university-wide), U.C., Irvine Alumni Association, 1977 Community Service of the Year, U.C., Irvine Social Ecology Program, 1977

SERVICE and OUTREACH

Webinars

Pivo, G., Urban Water Innovations Network (producer), *Adoption of Sustainable Urban Water Solutions* [internet], <u>https://www.youtube.com/watch?v=m104EjMdfIl&feature=youtu.be</u>, 2018.

Councils, Committees, Projects

National/International

<u>Whole Building Design Guide</u>, Cost-Effective Subcommittee (a project of the National Institute of Building Sciences), 2016-present

United Nations Environment Programme Finance Initiative, Property Working Group, Advisor/co-founder, 2006present

Real Estate Research Institute, Advisory Board Member, 2015-present

National Council of Real Estate Investment Fiduciaries, ESG Panel Organizing Committee, 2020 GRESB (Global Real Estate Sustainability Benchmark), Resiliency Industry Working Group, 2018

U.S. Department of Energy Building Technologies Office, Advisor, Research Review Symposium, 2017

U.S. Department of Energy Building Technologies Office, Peer Reviews, research, development, demonstration and deployment projects, 2017

International Telecommunication Union/European Economic Commission for Europe, Smart and Sustainable Cities Project, Advisory Board and Technical Advisory Group for Smart Sustainable Cities, 2016-2017

National Institute of Building Sciences, High Performance Building Council, 2007-2017

Congress for New Urbanism, Live/Work/Walk Finance Initiative Steering Committee, 2013-2015

International Living Future Institute, Economics of Change Advisory Council, 2012-2015

Global Reporting Initiative, North American Academic Network, 2012-13

Real Capital Analytics, RPI: Low Carbon Access Repeat Sales Indices, 2012-13

World Green Building Council, Steering Committee, Global Green Building Business Case Report, 2012-13 Initiative for Responsible Investment at Harvard University, Council on Responsible Investment Across Asset Classes, Advisory Board, 2010-12

National Council of Real Estate Investment Fiduciaries, Sustainability Indicators Task Force, 2010-12 United Nations Environment Programme

Member, UNEP Finance Initiative Principles for Responsible Investing Expert Group, 2005-06 UN-Habitat, Habitat Jam, Finance and Governance Forum, Subject Matter Expert, Dec 1-4, 2005

Global Reporting Initiative, Construction and Real Estate Sector Supplement Working Group, 2009-2011.

Royal Institute of Chartered Surveyors/EU Advisory Group on Sustainable Property Investment and Management, 2008-2010.

US Green Building Council, Research and LEED Market Sector Corresponding Committees, 2008 Urban Land Institute, Southern AZ District Council Steering Committee and Student Program Chair, 2006-2009 Green Building Finance Consortium, Board of Advisors, 2006-present

Green Building Alliance, DASH (Database for Analyzing Sustainable and High Performance Buildings), Steering Committee, 2006-2009

Association of American Universities (AAU), Task Force on Interdisciplinarity, 2002–2004 Association of Collegiate Schools of Planning, Distinguished Educator Award Committee, 1996-2002 Sage Publications, Advisory Board of Editors, Cities and Planning Book Series, 1997-2000

Local/State

City of Tucson, Office of Economic Initiatives, Equity and Sustainability in Tax Abatement Programs, 2021. Pima County, Office of the County Executive, Development Opportunities Advising, 2016 Family Housing Resources, Tucson/Pima County, Housing Gap Analysis, 2015-16 City of Tucson, Planning Reorganization Study, 2012 Pima County Real Estate Research Council, Research Scoping Survey, 2011 City of Oro Valley, Presentation to Sensitive Areas Ordinance Citizens Advisory Committee, 2009 Arizona MultiBank Community Development Corporation, Consultation, 2009 MESA (Math, Engineering, Science Achievement) Program outreach to Lauffer Middle School, 2007 United Nations Assocation of Southern Arizona, Board of Directors, 2006 City of Sahuarita, Master Planned Community Review, 2005 Co-Facilitator, Tucson Regional Transportation Dialog, 2003-2004 Board of Directors, Temple Emanu-El, 2002–2005 Advisory Board, National Growth Management Institute, 1992-2000 Advisory Committee, Center for Sustainable Design at Playa Vista, Los Angeles, 1999-2001 Industrial Lands Advisory Committee, Puget Sound Regional Council, 1997-1998 President and Board Member, 1000 Friends of Washington, 1995-1998 Member, King County Forum for Regulatory Balance, 1994-1995 Growth Management Committee, Washington League of Women Voters, 1991-1993 Growth Management Advisory Committee, WA State Dept. of Community Development, 1990-1995

Governor's Growth Strategies Commission, Special Assistant, State of Washington, 1989-91 Regional Planning Committee, American Institute of Architects, Seattle Chapter, 1988-1989 Growth Management/Housing Policy Task Force, Bay Area Council, San Francisco, 1988-1989 Vision Seattle, Advisory Council, 1988-1991

University

Department/School

MS, Urban Planning Faculty Council, 2004-present Search Committee Chair, 2013-2021 (chaired 5 searches) Plan Making Across the Curriculum, Committee Chair, 2017-19 School Faculty Status Committee, 2011 Planning Accreditation Review, Coordinator, 2012-13 MS, Planning Recruitment Committee, 2011-13 Real Estate Certificate Planning Committee, Dept. of Geography Planning Degree Program, 2007-2008 ULI Scholarship Committee, 2007-2009 Center for the Impact of Urban Development on the Desert Environment, Steering Committee, 2004-2007 Visiting Lecture Committee, School of Natural Resources, 2004 Faculty Search Committee Chair, Dept of Urban Design and Planning, University of Washington, 1995 Faculty Search Committee, Dept. of Urban Design and Planning, University of Washington, 1988-89 Masters Program Committee, Dept. of Urban Design and Planning, University of Washington, 1987-89

College

CAPLA College Faculty Status (Promotion and Tenure) Committee, 2012-present CAPLA Strategic Plan, Research Working Group, co-chair, 2018 CAPLA Website Working Group, 2018 CAPLA Strategic Planning and Operations Advisory Committee, 2018 - 19 Dean's Faculty Advisory Council, 2013-2017 Executive Masters of Real Estate Planning Committee Member, 2012 Masters of Real Estate Development Planning Committee Chair, 2008-2011 Tumamoc Hill Management Committee, 2007-2009 School Director Search Committee Chair, School of Planning, University of Arizona College of Architecture, Planning, and Landscape Architecture, 1998-99 School Director Search Committee Chair, School of Landscape Architecture, University of Arizona College of Architecture, Planning, and Landscape Architecture., 1998-99 College Executive Committee, College of Architecture/ Urban Planning, University of Washington, 1996-97 Awards Committee, College of Architecture and Urban Planning, University of Washington, 1988

University

Advisor, Real Food Collaborative Student Organization, 2015-2017 Advisor, Vive Peru Student Club, 2014-2017 Diversity Task Force, Millenium Report Oversight Committee, 2003-2004 Academic Deans Council, University of Arizona, 1989-2003 Associate Deans Council, The University of Arizona, 1998-99 Presidential Committee on Community Service and Outreach, University of Washington, 1997 Faculty Search Committee Member, School of Public Affairs, University of Washington, 1996-97 Special University Committee Chair, Impacts of Professional Football at UW/Husky Stadium, 1996 University Transportation Committee, University of Washington, 1989-1992 Interdisciplinary Research Committee, Growth Management Studies, University of Washington, 1989 Program Organizer, Puget Sound Forum on Growth and Its Management, University of Washington, 1989 Academic Senate, University of Washington, 1988-90

Conferences and Symposia Chaired

Joined Up Water Governance, University of Arizona/APA/Water Environment Rsch Foundation, 2017 Responsible Property Investing, New York City, 2010 Responsible Property Investing, Boston, 2008 Responsible Property Investing, New Orleans, 2007 Responsible Property Investing, University of Arizona, 2006 Cluster Hiring for Faculty Diversity, University of Arizona, 2003 Student Retention, University of Arizona, 2002 Student Recruitment, University of Arizona, 2001 Designing Across Cultures: The Human Dimensions of Global Practice, University of Arizona, 1999 The Globalization of Architecture, Planning, and Landscape Architecture, University of Arizona, 1999 State Growth Management Policies, University of Washington, 1991 Master Planned Community Policies, University of Washington 1990 Practical Tools for Downtown Growth Management, City of Seattle, 1989 Cluster Housing: Problem or Opportunity? University of Washington, 1988

Judging Panels

National Association of Real Estate Investment Trusts (NAREIT), Leader in the Light award, 2015-2017 American Real Estate Society Conference Manuscript Awards, 2013 CB Richard Ellis, Real Green Million Dollar Research Challenge Judging Panel, 2012-13 American Real Estate Society, Co-Star Data Prize, 2012

Editorial/Referee Services

Editorial Boards

2019-present	Buildings and Cities
2007-2018	Building Research and Information
2008- present	J. of Sustainable Real Estate
2009- present	J. of Sustainable Finance and Investment

Blind Referree Service

J. of Real Estate Finance and Econ (2020), Buildings and Cities, (2019-present), Building Research and Information (2007-present), J. of Real Estate Research (2011-present), J. of Urbanism (2014), J. of Sustainable Real Estate (2010-present), Real Estate Economics (2010-present), Energy Economics (2012), Environment and Planning A (2012), Energy Policy (2011), J. of Environmental Planning and Management (2011), University of Arizona Press (2010), U.S. Department of Energ Office of Energy Efficiency and Renewable Energy (2010), J. of Business Ethics (2009), J. of the American Planning Association (2006-07), Urban Geography (2007-08), J. of Religion and Popular Culture (2007), Urban Studies (2005-06, 2008), Brookings Institution (2005)

Memberships in Professional Societies

CRE Finance Council Urban Land Institute, Full Member Association of Collegiate Schools of Planning American Planning Association

PUBLICATIONS

2022

Pivo, G, AD Henry, L Berger, and EL Fernandez, Organizational Networks and Implementation of Sustainable

Urban Water Practices in US Local Governments, Water Policy, 24.2 (2022): 382-396.

Berger, L., Henry, A. Pivo G., Orienteering the Landscape of Urban Water Sustainability Indicators, *Environmental & Sustainability Indicators*, Special Issue on Indicators Systems for Assessing Urban Water Infrastructure Resilience & Sustainability, accepted and forthcoming.

2021

Yuan Lai, Sokratis Papadopoulos, Franz Fuerst, Gary Pivo, Jacob Sagi, Constantine E. Kontokosta, Building retrofit hurdle rates and risk aversion in energy efficiency investments, *Applied Energy*, Volume 306, Part B, 2022, 118048, ISSN 0306-2619, <u>https://doi.org/10.1016/j.apenergy.2021.118048</u>.

Berger, L, AD Henry and G Pivo, Role of city collaboration networks in the acceleration and attenuation of Integrated Water Management, *Water Policy (2021) 23 (2): 222–238*.

2020

Pivo, G, *Equity and Sustainability Assessment of Tucson's Government Property Lease Excise Tax (GPLET) Program*, City of Tucson Office of Economic Initiatives, 55 pp.

An, X and G Pivo, Green Buildings in Commercial Mortgage-Backed Securities: The Effects of LEED and Energy Star Certification on Default Risk and Loan Terms. *Real Estate Economics* 48(1): 7-42. <u>Recognized by Wiley as</u> <u>a "top 20 most read paper" in *Real Estate Economics* for 2017-2018 (Note: previously listed as 2017 when first published online).</u>

Berger, L, AD Henry and G Pivo, Integrated Water Management recommendations in practice: the coexistence of "old" and "new" ways in Arizona's transition, *Water Policy*, 1-18, doi: 10.2166/wp.2020.307.

Pivo, G, AD Henry, and L Berger, Essential Elements in Local Environmental Policy Change: A Guide for the Perplexed, *Environmental Science and Policy*, v106.

Bell, E, AD Henry and G Pivo, Assessing Sectoral Heterogeneity and Leadership in Urban Water Management, *Water Policy* 22(5), 867-886.

2019

Kontokosta CE, Franz F, Pivo G, and Sagi J, Lai, Y. and Papadopoulos, S., Estimating Office and Residential Building Energy Retrofit Hurdle Rates and Risk Arbitrage in Energy Efficiency Investments, RERI Working Paper – RERI-LBNL Research Grant.

2018

Cole, J., S Sharvelle, N Grigg, G Pivo and J Haukaas, <u>Collaborative, risk-informed, triple bottom line, multi-criteria</u> decision analysis planning framework for integrated urban water management, *Water 10, 1722*.

Stoker, P, G Pivo, C Howe, V Elmer, A Stoicof, J Kavkewitz, and N Grigg, *Joining-Up Urban Water Management with Urban Planning and Design*, Water Environment Foundation, Project Number: SIWM5R13, 217 pp.

Bolson, J., Sukop, M. C., Arabi, M., Pivo, G., & Lanier, A. A stakeholder-science based approach using the national urban water innovation network as a test bed for understanding urban water sustainability challenges in the U.S., *Water Resources Research*, *54*.

Elmer, V., C Howe, P Stoker and G Pivo, Collaborating on Water and Planning: A Perspective for Planners *PAS Memo,* May/June 2018, American Planning Association, 12pp.

2017

Atkins A., A Sanderford and G. Pivo, How Location Efficient is LIHTC? Measuring and Explaining State-Level Achievement, *Housing Policy Debate* 27(3), 335-355.

2016

Hammer J, and Pivo G, Triple Bottom Line Economic Development in Theory and Practice, *Economic Development Quarterly 31(1), 25-36.*

Pivo, G, A Sanderford, K Smith, L Jensen, A Abu-Khalaf, S Santos and L Zhong, *Gap Analysis of Affordable Housing in Pima County, Arizona*, Family Housing Resources, Inc., 70 pp.

2015

Pivo, G. and Arabi M., Breaking Out of Silos, <u>https://erams.com/UWIN/?p=818</u>.

An, X and G. Pivo, Default Risk of Securitized Commercial Mortgages: Do Sustainability Property Features Matter? Presented at the 2015 Real Estate Research Institute Conference and the 2015 AREUE National Conference, (Posted: 3/02/2015, Working Paper #4062).

2014

Pivo, G., Walk Score: The Significance of 8 and 80 for Mortgage Default Risk in Multifamily Properties. <u>Journal of</u> <u>Sustainable Real Estate</u>, vol. 6, 187-210.

Pivo, G., Unequal Access To Energy Efficiency In US Multifamily Rental Housing: opportunities to improve, *Building Research and Information*, 42(5),1-19.

Hammer J., McCullough, M, Goldstein, I, Pivo G., *The Triple Bottom Line Tool: Version 1.0* <www.tbltool.org>, U.S. Economic Development Administration, Washington, D.C. Available online at <u>www.tbltool.org</u>.

2013

Pivo, G., The Effect of Sustainability Features on Mortgage Default Prediction and Risk in Multifamily Rental Housing, *Journal of Sustainable Real Estate*, vol. 5, 1.

Pivo, G., Walk Score and Multifamily Default: The Significance of 8 and 80. Fannie Mae, Washington, DC. Available at <u>http://www.fanniemae.com/portal/about-us/media/commentary/122313-hayward.html</u>.

Pivo, G., The Definition of Affordable Housing: Concerns and Related Evidence. Fannie Mae, Washington, DC. Available at <u>http://www.fanniemae.com/portal/about-us/media/commentary/122313-hayward.html</u>.

Pivo, G., The Effect of Transportation, Location, and Affordability Related Sustainability Features on Mortgage Default Prediction and Risk in Multifamily Rental Housing. Fannie Mae, Washington, D.C. Available at http://www.fanniemae.com/portal/about-us/media/commentary/052913-hayward.html.

2012

Pivo, G., Energy Efficiency and its Relationship to Household Income in Multifamily Rental Housing. Fannie Mae, Washington, D.C. Published online at http://www.fanniemae.com/portal/about-us/media/commentary/103112-hayward.html.

Hammer J., McCullough, M, Goldstein, I, Pivo G., *The Triple Bottom Line Tool: Beta Version* <www.tbltool.org>, U.S. Economic Development Administration, Washington, D.C. Published online at <u>www.tbltool.org</u>.

2011

Pivo, G. and Fisher, J., The Walkability Premium in Commercial Property Investing, *Real Estate Economics* 39: 2,185-219. **One of Five Most Cited articles in** *Real Estate Economics* **in the last 3 years**, according to CrossRef, as of October 2022.

Pivo, G and Fisher J., Toward Sustainable and Responsible Property Investment Indices, prepared for Strengthening the Green Foundation, Tulane University, New Orleans, March 10-11, 2011.

2010

Pivo, G. and Fisher, J., Income, Value, and Returns in Socially Responsible Office Properties, *Journal of Real Estate Research* 32: 3, 243-270. <u>Winner of the 2012 Legacy Award</u> from the J. of Real Estate Research for being one of the 3 best papers published by the journal over the past 3 years. <u>5th most cited article in JRER</u>.

Pivo, G., Owner-Tenant Engagement in Sustainable Property Investing, Journal of Sustainable Real Estate 2: 1.

2009

Pivo, G., Social and Environmental Metrics for US Real Estate Portfolios: Sources of Data and Aggregation Methods, *Journal of Property Investment and Finance* 27:5, 481-510.

Pivo, G. Owner-Tenant Engagement in Responsible Property Investing, UNEP Finance Initiative, Geneva. Also available in Japanese translation.

2008

Pivo, G., Responsible property investment criteria developed using the Delphi Method, *Building Research & Information* 36:1, 20 – 36.

Pivo, G., Responsible Property Investing: What the leaders are doing, *Journal of Property Investment and Finance* 26: 6, 562-76.

Pivo, G., Exploring Responsible Property Investing: A Survey of American Executives, *Corporate Social Responsibility and Environmental Management* 15: 4, 235-248.

Pivo, G., *Building Responsible Property Portfolios: a review of current practice by UNEP FI and PRI signatories.* UNEP Finance Initiative, Geneva. Also available in French and Japanese translations.

Pivo, G., *Responsible Property Investing: What the Leaders are Doing*. UNEP Finance Initiative, Geneva, 93pp. Also available in French and Japanese translations.

Pivo, G and McNamara P, Sustainability Through Responsible Property Investing. In *Sustainable Investing: The Art of Long Term Performance*, Cary Krosinsky and Nick Robins, London: Earthscan.

2007

Pivo, G., Sustainable and Responsible Property Investing: A survey of American executives. In collaboration with Institutional Real Estate Inc., Co-sponsored by the Urban Land Institute, Building Owners and Managers, Intl., the National Assoc. of Real Estate Investment Trusts, and the Real Estate Roundtable.

2006

Pivo, G., *Patient Capital and School Trust Real Estate Programs*, Lincoln Institute of Land Policy Working Paper WP07GP1. Published as a joint venture by the Lincoln Institute of Land Policy and The Sonoran Institute.

Wood, D. and Pivo, G. *Conference Report: Real Estate and Socially Responsible Investment: New Products, New Investment, New Value.* Hosted by the Institute for Responsible Investments and Professor Gary Pivo of the UA, February 28-March 1, 2006. Published by the Center for Corporate Citizenship at Boston College.

2005

Interdisciplinary Task Force, Report of the Interdisciplinarity Task Force, American Association of Universities

Pivo, G. and McNamara P, Responsible Property Investing, International Real Estate Review, v8, 1: 128-143.

Pivo, G, Is There a Future for Socially Responsible Property Investments? *Real Estate Issues*. V30, n5: 16-26. Reprinted in *Socially Responsible Investing: Perspectives and Country Experiences*, The Icfai University Press, India, 2007.

Pivo, G. Creating Compact and Complete Communities: Seven Propositions for Success. *Practicing Planner* v3:2, 2005.

Pivo, G., Considerations in the Decision to Apply for Graduate Studies: A Case Study. *Council of Graduate Schools Communicator*, v38, 8: 3-5.

Pivo, G. and McNamara, P., *Responsible Property Investing: A Briefing Paper for the Principles for Responsible Investment Process*, United Nations Finance Initiative, Geneva. Available from the Oxford Institute for Sustainable Development, International Lands Market Research Group, Research Reports Series.

2002

Pivo, G., Carlson, D., Kitchen, M. and Billen, D., Learning from Truckers: Truck Drivers' Views on the Planning and Design of Urban and Suburban Centers, *Journal of Architectural and Planning Research*, 19, 1:12-29.

1998

Pivo, G., Office Location in a Post-Industrial Urban Environment by Lyssa Jenkens. Urban Studies v. 35:8.

Lang, Robert E., Hornburg, Steven P., Danielsen, Karen A. (eds.), Gated Communities in America: Walling Out of the World? *Journal of Housing Policy Debate*, v8, n4. (Note: This is an edited version of an ACSP panel discussion. Panelists included Edward Blakely, Gary Pivo, David Prosperi, and Mary Gail Snyder.)

Pivo, G., Regional Efforts to Achieve Sustainability in Seattle: Skinny Latte or Double Fat Mocha? In *Creating Sustainable Places*, January 30-31, 1998. Tempe, AZ: Herberger Center for Design Excellence, College of Architecture and Environmental Design, Arizona State University. Symposium Working Paper Series.

1997

Pivo, G., Conference Report: Land Use Roundtable. The Changing Face of the Pacific Northwest. Sponsored by The Henry M. Jackson Foundation. Seattle, Washington. February 12, 1997, *Land Use Policy* 14,4: 332-334.

Pivo, G. *How Do You Implement Less Auto Dependent Urban Form? The Case of Kirkland Washington*. Olympia: Washington State Department of Transportation for the Washington State Transportation Commission and in cooperation with the U.S. Department of Transportation, Federal Highway Administration. Report Number WA-RD 436.1. Also available through the National Technical Information Service, Springfield, VA.

Pivo. G., Carlson, D., Kitchen, M., and Billen, D., *Learning from Truckers: Moving Goods in Compact, Livable Urban Areas.* Olympia: Washington State Department of Transportation for the Washington State Transportation Commission and in cooperation with the U.S. Department of Transportation, Federal Highway Administration. Report Number WA-RD 431.1. Also available through the National Technical Information Service, Springfield, VA.

Pivo, G. and Taylor, G., Land Use Issues of the Pacific Northwest. Prepared for the Henry M. Jackson Foundation.

1996

Pivo, G., Toward Sustainable Urbanization On Main Street Cascadia. Cities v13, 5: 339-355.

Pivo, G., et al., Report of the University of Washington Review Panel on Mitigating Problems Caused by Seahawks Football at Husky Stadium, University of Washington.

Pivo, G. and Rose, D., Seattle: Coping with Success. In Ed Blakely and Bob Stimson (eds.), *New Cities of the Pacific Rim*, Berkeley: University of California at Berkeley, Institute for Urban and Regional Development.

1995

Frank, L. and Pivo, G., The Impacts of Mixed Use and Density on the Utilization of Three Modes of Travel: The Single Occupant Vehicle, Transit, and Walking. Transportation Research Record No. 1466: Issues in Land Use and Transportation Planning, Models, and Applications, Washington, D.C.: National Academy Press, pp. 44-52.

Pivo, G., *The Use of Market Incentives to Manage Growth and Protect Farmlands*. Prepared for the National Committee on United States-China Relations for use at the growth management workshop in the People's Republic of China. October 21-November 4, 1995.

Pivo. G. Toward Sustainable Urbanization on Mainstreet Cascadia. Vancouver, B.C.: International Centre for Sustainable Cities.

Pivo, G., Thatte, A., and Hess, P., *Trends and Patterns in Land Use That Affect Auto Dependence in the Metropolitan Areas of Washington State, Final Report.* Olympia: Washington State Department of Transportation for the Washington State Transportation Commission and in cooperation with the U.S. Department of Transportation, Federal Highway Administration. Also available through the National Technical Information Service, Springfield, VA.

Klastorin, Ted, Pivo, G., Pilcher, M., Carlson, D., Hyman, C., Hansen, S., Hess, P. and Thatte, A., *Urban Goods and Intercity Freight Movement*. Olympia: Washington State Department of Transportation for the Washington State Transportation Commission Planning and Programming Service Center in cooperation with the U.S. Department of Transportation Federal Highway Administration. WA-RD 373.1. Also available through the National Technical Information Service, Springfield, VA.

1994

Pivo, G. and Frank, L., *Relationships Between Land Use and Travel Behavior in the Puget Sound Region*. Olympia: Washington State Department of Transportation for the Washington State Transportation Commission Planning and Programming Service Center in cooperation with the U.S. Department of Transportation Federal Highway Administration. WA-RD 351.1. Also available through the National Technical Information Service, Springfield, VA.

Pivo, G., Growth Controls and Metropolitan Economic Development - The US Experience. In *Competition between Metropolitan Areas in Europe - and Munich?* Munich: Association for the Promotion of Research on Urban and Regional Economic Structure - GFS - and the Chamber of Industry and Commerce for Munich and Upper Bavaria. 1994.

Kriken, J., Pivo, G., Lee, T., and Barnett, J., 1994. Human Diversity: Making Cities Different. In *Urban Design: Reshaping Our Cities, Proceedings of the International Urban Design Conference*, September 30-October 2, 1993.

Edited by Anne Vernez-Moudon and Wayne Attoe. Seattle: University of Washington, Department of Urban Design and Planning.

1993

Pivo, G., A Taxonomy of Suburban Office Clusters: The Case of Toronto. Urban Studies, 30(1):31-50.

Pivo, G., Is the Growth Management Act Working? A Survey of Resource Lands and Critical Area Development Regulations, *University of Puget Sound Law Review* 16, 3:1141-1179.

Pivo, G., Growth Management: The Planning Challenge of the 1990s by Jay Stein (ed.) and Land Use Planning: The Ballot Box Revolution by Roger W. Caves. *Journal of Planning Education and Research* v13, 2: 155-156.

Pivo, G., Options for Growth Management: Policy Tools and Programs. *In Expanding the Toolkit: Options for Growth Management in a Context of Structural Change and Sustainable Development*, Proceedings from a Symposium on Growth Management, May 13-14, 1993. Vancouver, BC, The University of British Columbia, Centre for Human Settlements.

Pivo, G., Continuous Impact Budgeting. In Parham, David, *Alternatives to the Environmental Impact Report, June 17-18, 1993.* ULI Education Policy Forum Series No. 630. Washington, DC: ULI-The Urban Land Institute, Education Department.

1992

Pivo, G., 1992. How Do You Define Community Character: Adapting the Environmental Impact Statement Process to Snoqualmie, Washington. *Small Town*, 23(3):4-17

McIntire, J.L. and Pivo, G., The Impacts of Regulations on Housing Affordability: A Contextual Overview. In Kelbaugh, D. (ed.), *Housing Affordability and Density: Regulatory Reform and Design Recommendations*. Prepared for the Washington State Legislature by the Department of Architecture, University of Washington. 13pp. Pivo, G., Toward Performance Based Growth Management for Downtown Seattle. In Childs, Mark (ed.), *What Price Growth? Essays on Managing Growth in the Puget Sound Region*. Seattle: University of Washington, Institute for Public Policy and Management.

Stanilov, Kiril, Pailthorp, Melissa, Carlson, Daniel and Pivo, Gary, A Literature Review of Community Impacts and Costs of Sprawl. Washington, DC: National Trust for Historic Preservation.

Pivo, G., Moudon, A., Loewenherz, F., *A Summary of Guidelines for Coordinating Urban Design, Transportation and Land Use Planning, with an Emphasis on Encouraging Alternatives to Driving Alone*. Prepared for the Washington State Transportation Commission. Seattle: Washington State Transportation Center (TRAC), 19pp. Also available through the National Technical Information Service, Springfield, VA.

Pivo, G. and Moudon, A., 1992, A Strategic Plan for Researching Urban Form Impacts on Travel Behavior. Prepared for the Washington State Transportation Commission. Seattle: Washington State Transportation Center (TRAC), 20pp. Also available through the National Technical Information Service, Springfield, VA.

Layzer, J., Pivo, G. and McIntire, J.L., *Policies and Programs Designed to Mitigate the Impacts of Regulations on Housing Costs.* Prepared for the Washington State Legislature. 10pp.

Pivo, G., Abbott, N., Perkins, K., *Local Government Planning Tools: Executive Summary*. Seattle: University of Washington Growth Management Planning and Research Clearinghouse. Reprinted in *Competition between Metropolitan Areas in Europe - and Munich?* Munich: Association for the Promotion of Research on Urban and Regional Economic Structure - GFS - and the Chamber of Industry and Commerce for Munich and Upper Bavaria. 1994.

Pivo, G., Abbott, N., Perkins, K, *Local Government Planning Tools: Final Report*. Seattle: University of Washington Growth Management Planning and Research Clearinghouse.

Pivo, G. and McFall, K., *Critical Areas and Resource Lands Development Regulations*. Seattle: University of Washington, Growth Management Planning and Research Clearinghouse. 42pp.

Pivo, G. and McFall, K., *Critical Areas and Resource Lands Checklists*. Seattle: University of Washington, Growth Management Planning and Research Clearinghouse.

Pivo, et al., Impact Fee Symposium Proceedings, University of Washington. In King County Commission on Impact Fees, Impact Fees: Recommendations for the Region's Policy Makers.

1991

Pivo, G., Ellis C., Leaf M., G. Magutu. 1990. Physical Planning Thought: Retrospect and Prospect. *The Journal of Architectural and Planning Research* v7, 1:54-70.

Pivo, G., Capping Impacts Instead of Development: An Alternative Approach to Growth Management, *Berkeley Planning Journal*, v6, 1:107-115.

Pivo, G., Abbott, N., Perkins, K., *Local Government Planning Tools: Preliminary Report*. Seattle: University of Washington Growth Management Planning and Research Clearinghouse.

Pivo, G., and Rose D., *Toward Growth Management Monitoring in Washington State*. Olympia: Washington State Institute for Public Policy, 43 pp.

Pivo, G., and Frank, L., *Monitoring the Performance of the Washington State Transportation Policy Plan.* Seattle: Washington State Transportation Center, University of Washington, 85pp. Also available through the National Technical Information Service, Springfield, VA.

Pivo, G, Alternative Techniques for Managing Growth, by Irving Shiffman. *Journal of Planning Education and Research*, v11,1:80.

Pivo, G., Natural Landscape Amenities and Suburban Growth, by Christopher Mueller-Wille, Evaluation Methods for Urban and Regional Plans, edited by Daniel Shefer and Henk Voogd, and Region as a Socio-Environmental System, by Dov Nir. *Journal of Regional Science*, v30, 1:112-114.

1990

Pivo, G., The Net of Mixed Beads: Suburban Office Development in Six Metropolitan Regions. *Journal of American Planning Association*, v56, 4:457-469. Reproduced in Lincoln Institute of Land Policy, *Metropolitan America In Transition: Implications for Land Use and Transportation Planning*, Resource Manual (1993). One of top 5% most cited articles in JAPA.

Pivo, G., Small R., and Wolfe C., Rural Cluster Zoning: Survey and Guidelines, *Land Use Law and Zoning Digest*, v42, 9:3-10.

Bell E., Pivo G., *Implementing DNR's Transition Lands Policy Plan*. Seattle: Real Estate Division, Department of Natural Resources, State of Washington, 45 pp.

Pivo, G. and Lidman, R., *Growth in Washington: A Chartbook*, Olympia: Washington State Institute for Public Policy, 40 pp.

1989

Pivo, G. Commentary: The APA Brief on Environmental Mitigation. Environmental Planning Quarterly, v7 2:3-5

Pivo, G., Specializations, Faculty Interest and Courses in Physical Planning Subjects at Graduate Planning Schools, *Journal of Planning Education and Research*, v9, 1:19-27.

Pivo, G. 1989. Managing Land Use Conflicts: Case Studies in Special Area Management edited by David Brower and David Carol. *Coastal Management Journal v17*, pp 77-81.

1988

Kelly, S., Dearborn, K., Moss, A., Pivo, G., Glatzel, K., Piro, R., *Amicus Brief of the American Planning Association for the Supreme Court of the United States in the Case of Robertson vs, Methow Valley Citizens Council et al.*, Washington DC: The Court. 30 pp, Reprinted in *Environmental Planning Quarterly* 7, 2:5-12.

Pivo, G., The Intrasuburban Pattern of Office Suburbanization: Form and Impact in the San Francisco Bay Area. In *The City of the 21st Century*, M. Pihlak (ed.), Tempe: University of Arizona, pp. 149-159.

Pivo, G., Toward More Flexible and Effective Growth Management: A Case Study of the City of Livermore Growth Management Update. In *The City of the 21st Century*, M. Pihlak (ed.), Tempe: University of Arizona, pp. 249-254.

1984

Pivo, G., Use Value, Exchange Value and the Need for Land Use Planning, Berkeley Planning Journal, v11:40-51

1979

Pivo, G. 1979, *Evaluating Environmental Impacts: Where to Find Assistance*, Ithaca, NY: Center for Environmental Research, Cornell University.

1978

Pivo, G. Your Responsibility Under SEQR - A Local Guide to the New York State Environmental Quality Review Act, Ithaca: NY: Center for Environmental Research, Cornell University.

Pivo, G., SEQR - Is It A Success Story?, An Analysis of State Agency Implementation of the New York State Environmental Review Act, Ithaca NY: Program in Urban and Regional Studies, Cornell University.

Websites

Hammer J, Pivo G, Policy Map, The Triple Bottom Line Tool, http://www.tbltool.org, 2012-

Pivo, G and Wood D, ResponsibleProperty.Net, <u>www.responsibleproperty.net</u>, Center for Responsible Property Investment – a joint project of the University of Arizona and Harvard University, 2006-2012.

Trade Publications, Magazines

Pivo, G., Responsible Property Investing. *Trend Report*. October, 2009.

Floca, M. and Pivo, G., Doing Good – and Doing Well. Urban Land, June, 2007.

Pivo, G., The promising economics of green development are creating new investment opportunities. *GreenTech: High Performance Building*, Urban Land Institute, October, 2005: 35-39.

A Call for the Creation of Socially Responsible Real Estate Investment Funds. Social Funds.Com: the largest personal finance site dedicated to socially responsible investing. http://www.socialfunds.com/page.cgi/03182005.html. 2005.

Pivo, G. 1999. The University of Arizona Global Practice Symposium. *Interplan*. No. 61, April 1999. Also in newsletters of the *CELA Newsletter* (Committee on Education in Landscape Architecture) and the *American Institute of Architects International Practice Professional Interest Area Newsletter*.

Pivo, G., 1993. Washington's Local Governments: A Mixed Response to the State's Growth Management Act. *The Growth Management Reporter*, 1(1):4.

Pivo, G. (ed.), 1990, *Preserving Ruralness Through Cluster Housing: Problem or Opportunity*? Conference Proceedings, University of Washington, College of Architecture and Urban Planning, 106pp.

Pivo, G. 1989. The Arrival of Performance Based Growth Management. Urban Land, v48, 11:30-31.

Jacobs A., and Pivo G., 1983 Preserving Livability: Urban Design Responses to the Coming Commuter Crunch. *Westplan*, Fall, pp 16-17.

Kent, T.J., and Pivo, G., 1982, Thinking About Growth for the Bay Area and People for Open Space. *Regional Exchange* San Francisco: People for Open Space, 12 pp.

Newspaper/Newsletter Articles

Pivo, Gary 2008. What do we know: research on the economic viability of RPI strategies. RPI Quarterly, v1, 2: 5-8.

Cascadia's bustling Mainstreet: New approaches to urbanization can save region's high quality of life. *Seattle Times*. January 26, 1997.

The RTA Vote: Plan Would Halt LA Style Urban Sprawl (with Richard Ford, esq.). *The Seattle Times*. 1996. Initiative 164: the wrong way to deal with land-use regulation. *The Bellingham Herald*, December 13, 1994. *The Columbian*, December 14, 1994. *The Everett Sun*, December 17, 1994. *The Olympian*, December 19, 1994.

A snug but fairly comfortable fit: The concept of a growth boundary. The Seattle Times. May 8, 1994.

Taking Stock of Growth Management in the US. *Landlines*, September, 1992. Cambridge, MA: Lincoln Institute for Land Policy.

Monitoring Growth Management: Some Initial Observations (with Kelly McFall). *Washington Policy Choices* v1, 4:1-3. Seattle: Institute for Public Policy Management, University of Washington.

Getting Control of a Town's Future. *Pierce County Herald*. 1990.

The New Region and the New Regionalism. Arcade, April/May p 9. 1990.

More Office Space: A Response to the Toothpaste Tube Argument. The Seattle Times. 1988.

Collaborative Planning Action: Livermore Updates Growth Management. *Northern News*, Northern California Chapter of the American Planning Association. 1987.

Tahoe Up for Grabs. Sierra Club Yodeler. 1983.

Self-Reliance: On Old Solutions to New Problems. Cornell Planner. 1982.

Observations of a New Professional. Cornell Planning Newsletter. 1981.

White Papers/Testimony

Recommendations of the UNEP Finance Initiative to the UN Framework Convention on Climate Change on The Role of Buildings in a Low Carbon Society, 2009.

A Call for Socially Responsible Real Estate Investment Funds. 2005.

Fair and Balance Approaches for Resolving the Property Rights Debate. 1995.

Recommended Amendments to the King County Countywide Centers Policy. 1994.

Testimony to the Seattle City Council on the Draft Seattle Comprehensive Plan. 1994.

The Seattle Commons: The Right Place but the Wrong Plan. 1993.

A Framework for the Debate on Housing Prices and Government Regulations. 1992.

Thoughts on Countywide Policies Related to Subregional Centers. 1992.

Rural Land Use Policy -- The Villages Approach. 1992.

Targets and Benchmarks in the Growth Strategies Bill. 1991.

Some Ideas on Performance Requirements for Local Plans. 1991.

Is It Is It Feasible to Monitor the New Growth Management Laws? The Case for Washington. 1991.

Comments on HB 1025: An Act Relating to Growth Strategies. 1991.

Comments on 2nd Draft: An Act Relating to Growth Strategies. 1990.

Growth Management Platform for Mayoral Candidate Jim Street. 1989.

GRANTS AND CONTRACTS

Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Urban Water Systems (co-PI), \$12,000,000, National Science Foundation, proposal no. 1444758, 2014-2022.

Coupled Networks in Urbanized Landscapes: Linking Ecosystem Services and Governance for Water Sustainability (senior personnel), \$1,787,596, *National Science Foundation*, DEB - DYN COUPLED NATURAL-HUMAN, 2015-2020.

Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Water Systems (Supplement to 4013020), \$25,000, Colorado State University, proposal no. 34235, 2018-2019

Estimating Office and Residential Building Energy Retrofit Hurdle Rates and Risk Arbitrage in Energy Efficiency Investments, \$50,000, *Lawrence Berkeley National Lab / Real Estate Research Institute,* 2018-19. Principal Investigator:Constantine E. Kontokosta, New York University, Co-PIs: Franz Fuerst, U. of Cambridge, Jacob Sagi, U. of North Carolina-Chapel Hill, Gary Pivo, U. of Arizona.

Integrating Water Management with Urban Planning and Design (PI), *Water Environment Research Foundation*, 100,000, 2015-2017.

Pima County Affordable Housing Gap Analysis, (PI), \$42,000, Pima County Family Housing Resources, 2015.

Pedestrian Metrics/Health Impact Assessment for Improved Community Design (sub-award with AZ DHS), \$25,000, National Center for Environmental Health, 2014.

CMBS Default and Sustainability (PI), *Real Estate Research Institute*, \$10,000 cash & \$100,000 in data, 2014-15. Triple Bottom Line Project Evaluation Tool (co-PI), \$65,400, *US Economic Development Administration*, 2011-14. UA Center for Green Infrastructure and Urban Sustainability (co-PI), \$10,000, UA Water, Environmental, and Energy Solutions (WEES) funding initiative, 2013-14.

Sustainability and Multifamily Lending, \$50,000, Fannie Mae/Homer Hoyt Institute, 2012.

Responsible Property Investing Center (RPI), Rockefeller Foundation, \$200,000, 2009-11.

Engagement, UN Environment Programme Finance Initiative, \$7,500, 2009.

RPI Database, Boston College Institute for Responsible Investing, \$12,475, 2008.

Responsible Property Investing, UNEP Finance Initiative, \$35,000, 2007-8.

UN Property Working Group, Rudolf Steiner Foundation, \$5,000, 2005-6.

Puget Sound Regional Synthesis Model, University of Washington Initiatives Fund, \$450,000 annually, 1997-.

Land Use Policy Issues, Henry M. Jackson Foundation. 1996-97. \$10,000.

Learning from Truckers, WA State Department of Transportation, 1996-1997, \$50,000.

Implementing Less Auto Dependent Urban Form, WA State Dept of Transportation, 1995-1996, \$45,000.

Sustainable Urbanization Along Cascadia's Mainstreet, Intl. Center for Sustainable Communities, 1994, \$7,500.

Urban Goods Movement and Inter-City Freight Access, WA State Dept of Transportation, \$51,400.

Trends and Patterns in Transit-Oriented Development, WA State Dept of Transportation, 1993-1995. \$65,000.

Literature Review on the Costs and Community Impacts of Urban Sprawl, *National Trust for Historic Preservation*, 1993, \$10,000.

Using GIS and Remote Sensing to Monitor Urban and Landscape Change, *Bullitt Foundation*, 1992-3, \$10,000. Coordinating State, Federal and Local Requirements for Land Use Planning in Flood Hazard Areas, *Federal*

Emergency Management Agency, w/Frank Westerlund and Dan Carlson, 1992-3, \$25,000.

Urban Growth Management Monitoring, The Bullitt Foundation, 1992, \$10,000.

Urban Form Aspects of Travel Behavior, WA State Dept of Transportation, \$55,000, 1992-1993.

Resource Lands and Critical Areas Monitoring, Bullitt Foundation, \$10,000, 1992.

Growth Management Report Distribution, WA State Bar Association, \$5,000, 1992.

Seattle Commons Planning Assistance and National Study of In-City Planned Development, *Henry M. Jackson Foundation*, \$50,000, 1992.

Strategic Plan for Research on Land Use, Urban Design and Transportation Linkages, *WA State Dept of Transportation*, with Scott Rutherford and Anne Vernez Moudon, 1991-1992, \$46,850,

Strategic Plan for Growth Management Studies at the University of Washington, *Vice-Provost for Research*, \$10,000, 1991.

Growth Management Planning and Research Clearinghouse, *Northwest Area Foundation*, \$175,000, 1990-1992. Performance Monitoring Project, *WA State Dept of Transportation*, \$30,000, 1990.

Forum on Growth and Its Management, Graduate School Research Fund, \$30,000, 1990-91.

Office Suburbanization in Toronto, Canadian Studies Faculty Research Program, \$5,000, 1989.

Transitions Lands Study, WA State Dept of Natural Resources, \$8,000, 1988-1989.

Rural Cluster Housing, WA State Dept of Natural Resources, Weyerhaeuser Real Estate Company, and Glacier Park Company, \$35,000, 1987.

Declined (since 2009)

- Smart and Connected Communities (co-PI), National Science Foundation Smart and Connected Communities Integrated Research Grants Program, \$4,600,000.
- Retrofit Decision Making for Aging Urban Water Pipeline Infrastructure at the Nexus of Traffic, Commerce and Community (co-PI), US Department of Homeland Security, Critical Infrastructure Resilience Institute, \$100,000, 10/2016.
- Science Museum of Minnesota Sustainable Cities Initiative (senior personnel), NSF Advancing Informal STEM Learning Program.
- Greening City Hall: Aligning iTree with the Everyday Practice & Politics of Urban Planning, (PI), \$297,444, 2015 USFS National Urban and Community Forestry Challenge Cost-Share Grant Program, 2014 finalist.
- Connectivities in Urban Waterscapes: Implications for Sustainable Cities (co-PI), \$3,999,925, NSF Water Sustainability and Climate Program, proposal no. 1360263, 2013.
- Engaging Social, Behavioral, and Economic Sciences in Public Policy and Social Ventures (PI), \$49,945, *National Science Foundation*, proposal no. 1340411, 2013.
- Demonstration Water Conservation Garden, Green Infrastructure and Heat Island Mitigation (PI), \$136,000, *City of Goodyear*, AZ, 2013.
- UA Center for Green Infrastructure and Urban Sustainability (co-PI), \$271,012, UA Water, Environmental, and Energy Solutions (WEES) funding initiative, 2013-14.

Buffer Study, \$69,223 (PI), Pima County Real Estate Research Council, 2012.

RPI Center (PI), \$3,367,900, Rockefeller Foundation, 2010.

INVITED PRESENTATIONS

Campus

UA Underutilized Urban Water Group: Literature on Sustainable Urban Water Policy Learning, 2016.

UA Department of Agricultural and Resource Economics Colloquia Series: The Materiality of Sustainbility.October 18, 2013.

UA Center for the Philosophy of Freedom Colloquia Series: Social Responsibility in Property Investing and Development, November 27, 2012.

International

- International Congress on Environmental Modelling and Software. Indicators for an urban One Water approach. Andre Dozier, Mazdak Arabi and Gary Pivo, 2018.
- Dresden Nexus Conference, Dresden Germany, Connectivities in Designed Ecosystem Services Mitchell Pavao-Zuckerman (presenter); Tom Meixner; Andrea Gerlak; Adam Henry; Gary Pivo, May 2017.
- The International Association for the Studies of the Commons. Henry, Adam, E.L. Gomez-Fernandez, and G. Pivo, March, 2017. Workshop: Multi-methods Approaches for Investigating Polycentricity in Common Pool Resources.

University of Leichtenstein, RPI, 2014.

UNEP Finance Initiative, Property Working Group, Advice on Future Stragegy, November 2013.

- UNEP Finance Initiative, Property Working Group, Opportunities for Collaboration, London, December 2009.
- *The Japanese Ministry of Land, Infrastructure, Transport and Tourism*, 16th International Land Policy Forum, Japan, October, 2009.

Mitsubishi UFJ, Forum on Socially Responsible Investing, Tokyo, Japan. November 2008.

- Green Cities 07, Australasian Conference and Expo, Property Council of Australia and Green Building Council of Australia.
- Greenbuild 06 International Conference and Expo. Global Response to Climate Change. November 2006.
- UN Environment Program Finance Initiative, Principles for Responsible Investing Expert Panel, 2005

World Society for Ekistics. Berlin, Germany. Topic: Urban Planning in America. 2001.

National Committee on United States-China Relations. Topic: Urbanization and Farmland Protection in the People's Republic of China. 1995.

- Urban Development Institute of Canada, British Columbia Section. Symposium on Complete Communities. Topic: Master Planning in Seattle. 1994.
- Institute for Urban Design, 1993 International Urban Design Conference. Topic: Character Impact Management. 1993.
- *Tokyo Institute of Technology*, University of the Air. Topic: Environmental Impact Statements and their Alternatives. 1993.

University of British Columbia, Centre for Human Settlements. Topic: Regional Growth Management Tools. 1993.

- *Economics Institute of the University of Munich* and the Chamber of Industry and Commerce for Munich and Upper Bavaria. Conference on Competition between Metropolitan Areas in Europe. Topic: Growth Management in the U.S. 1992.
- *Pacific Rim Council on Urban Development*. Topic: Property Development and Urban Growth, Hong Kong. Topic: Growth Management in Seattle. 1990.

National

- Association for Public Policy Analysis and Management (APPAM) 41st Annual Fall Research Conference, Title: Water Policy Innovations through Collaborative Governance Networks, Adam Douglas Henry, Edna Liliana Gomez Fernandez and Gary Pivo, University of Arizona, November 2019.
- 3rd Annual Local Governance and Sustainability Conference within a Conference, Southern Political Science Association, Austin, Texas. Water Sustainability Innovations through Collaborative Networks, Edna Liliana Gomez Fernandez, Adam Douglas Henry, and Gary Pivo, University of Arizona, January, 2019.
- Association for Public Policy Analysis and Management (APPAM) 40th Annual Fall Research Conference, Sustainability Innovations through Collaboration in Urban Water Management, Adam Douglas Henry, Edna Liliana Gomez Fernandez and Gary Pivo, University of Arizona, November 2018.
- Annual Public Management Research Conference, Henry, Adam. E. L. Gomez-Fernandez, and G. Pivo. Network-Based Measurement of Functional Fragmentation in Governance Systems: An Application to Urban Water Management, May 2018.
- 76th Annual Midwest Political Science Conference, Chicago. Analyzing Drivers of Water Innovation Adoption to Construct a Data Infrastructure of Policy Behavior, April 5-8, 2018.

Real Estate Consulting Group of America (RECGA). Innovations in Responsible Property Investing. April, 2018.

- Southern Political Science Association, 88th Annual Conference, A Network Approach to Understanding Innovations in Urban Water Management in Local Governance Systems, Edna Liliana Gomez-Fernandez, Adam Douglas Henry, and Gary Pivo, 2018.
- American Water Works Association, Annual Conference, Integrated Intersector Coordination, Phil Stoker, Gary Pivo, Katy Lackey, 2018.
- Water Environment & Reuse Foundation Webinar. Coordinating Water Management and Urban Planning Efforts; Philip Stoker and Gary Pivo, December 2017.
- Association of Collegiate Schools of Planning, 57th ACSP Annual Conference, The Effect of Green Building Certification on Default Risk and Loan Terms in Commercial Mortgage Backed Securities, Gary Pivo and Xudong An, 2017.
- University of North Carolina Chapel Hill Institute for Private Capital and Leonard Wood Center for Real Estate Studies, 2nd annual symposium on Real Estate Research, October 5th and 6th, 2017.
- National Science Foundation, Sustainability Research Network Awardees Conference, Grand Challenges in Urban Sustainability Research: Views from Social, Economic and Behavioral Science, 2017.

American Planning Association, Joined Up Water Management, 2017.

Association of Collegiate Schools of Planning Annual Conference, Measuring Fragmentation of Water Governance in US Cities: Theory and Evidence Examined Authors: Edna-Liliana Gomez Fernandez (Presenting Author and Primary Author), Adam Henry (Co-Author), Gary Pivo (Co-Author), Andrew Sanderford (Co-Author), 2017.

- Association for Public Policy Analysis and Management (APPAM) 39th Annual Fall Research Conference, A Coding Frame to Link Policies and Beliefs, E Bell, A Henry and G Pivo, November, 2017.
- Association for Public Policy Analysis and Management (APPAM) 39th Annual Fall Research Conference, A Network Approach to Understanding Fragmentation and Sustainability in Local Governance, A Henry, EL Gomez-Fernandez and G Pivo, November, 2017.
- Kent State University Water Symposium, Green Infrastructure as a Puzzle Piece for Water Resources in the Southwest, T Meixner, P Guertin, Y. Korgaonkar, E Gallo and T Rockhill, R Niraula, M Pavao-Zuckerman, A Henry, A Gerlak, and G Pivo, 2016.
- Association of Collegiate Schools of Planning Annual Conference, Portland, Oregon. Integrating Land Use Planning and Water Management: Mapping the Connections. Philip Stoker, Gary Pivo, Alexandra Stoicof, Jacob Kavkewitz. November 2016.
- Association of Collegiate Schools of Planning Annual Conference, Portland, Oregon. Are efforts to promote location efficiency of affordable housing at odds with poverty deconcentration efforts? Arlie Adkins, Lisa Bates, Gary Pivo, Andrew Sanderford, November 2016.
- Real Estate Research Institute (RERI) Research Conference, Default Risk of Securitized Commercial Mortgages: Do Sustainability Features Matter?, April 30, 2015.
- Mesa Urban Development Summit: A Live/Work/Walk Development and Finance Forum, Sustainable Urban Planning Can Reduce Mortgage Risk, December 2013.
- Oram Foundation Fund for the Environment and Urban Life, New York, New Urbanism and Real Estate Finance, July 2013.
- Mid-America Regional Council, Kansas City, The Economics of Sustainable Development, April, 2013.
- New York Academy of Sciences, Implications of a Data Driven Built Environment, May 30, 2012.
- NAREIT, REIT World 2011, Sustainability, November 2011.
- Homer Hoyt Institute, Weimer School of Advanced Studies in Real Estate and Land Economics, May, 2011, RPI Index Research.
- *NCREIF* (Natl. Council of Real Estate Fiduciaries) Winter Conference, March 2011. RPI Index Initiative. *Tulane University*, Conference on Strengthening the Green Foundation. RPI Indexes, March 2011. *FANNIE MAE, December 2010.*
- NCREIF (Natl. Council of Real Estate Fiduciaries) Fall Conference, November 2010. RPI Research Initiatives.
- Arizona State University, Planners in the Board Room: Corporate Responsibility and Real Estate Investing, October 2010.
- *NCREIF* (Natl. Council of Real Estate Fiduciaries) Summer Conference, June 2010. RPI Research Initiatives. *Amercian Real Estate Society Annual Meeting*, Naples Beach Florida, Responsible Property Investing, April 2010. *University of California, Irvine, Center for Real Estate, Spring Research Symposium*. How Factors such as
- Walkability, Proximity to Transit, and Energy Star Rating can Impact NOI, Values, and Returns for Commercial Real Estate, February 2010.
- SRI in the Rockies, Socially Responsible Real Estate Investing, September 2009.
- Rockefeller Foundation, Responsible Property Investing, July 2009.
- *Homer Hoyt Institute,* Weimer School for Advanced Studies in Real Estate and Land Economics, May 14-17, 2009. Presentations: Effect of Energy Star and Walkability on Property Values and Returns.
- NCREIF (Natl. Council of Real Estate Fiduciaries) Winter Conference, March 2008. RPI Research Initiatives. BOMA National Advisory Council Meeting, September 2007, CSR and Real Estate.
- Institutional Real Estate, Inc., Dealmakers Summit, September 2007. Responsible Propety Investing.
- The Real Estate Roundtable, Energy and Environment Policy Advisory Committee, June 2007. Update on RPI, Washington, D.C.
- Kennedy Associates Real Estate Counsel. Responsible Property Investing. 2007.
- Institutional Real Estate, Inc., Visions, Insights, and Perspectives, February 2007. Responsible Propety Investing. Socially Responsible Investment Forum. SRI in the Rockies Conference, Socially Responsible Real Estate Investing, September 2006.
- The Real Estate Roundtable, Energy and Environment Policy Advisory Committee, June 2006. Real Estate and Socially Responsible Investment Funds.
- University of Michigan, September 2005
- Socially Responsible Investment Forum. SRI in the Rockies Conference, Socially Responsible Real Estate Investing, September 2005.
- National Science Foundation, Annual Meeting of Interdisciplinary Graduate Education and Research Training Grant (IGERT) Programs, 2003. Topic: Administering Interdisciplinarity.

- Amercian Planning Association, Annual Conference, Growing Smarter Symposium, 1999. Topic: Research on State Growth Management Policy
- University of Arizona, Drachman Institute. Urban Growth Conference: Addressing the Reality of Suburbia. June, 1998. Topic: Strategies for Good Sprawl: Can We Have Our Cake and Eat It Too?
- *Transportation Research Board*, 77th Annual Meeting, 1998. Topic: Learning from Truckers: Urban Goods Movement in Urban and Suburban Centers.
- Urban Land Institute. 1998. Bringing Community Back to the City. ULI's Mayors' Forum.
- U.C. Berkeley and U.S.C. 1998. Symposium on Landslide Hazards Research.
- Arizona State University, Symposium on Creating Sustainable Places, 1998. Topic: Sustainable Seattle and Washington's Growth Management.
- Association of Collegiate Schools of Planning, 1997 Annual Meeting. Topic: How Do You Implement Less Auto Dependent Urban Form?
- *National Building Museum*, 1996 Urban Forum Colloquium, Washington, D.C. Topic: Dispatches from the Development Wars.

Florida Atlantic University, Distinguished Speaker Series. Topic: Growth Management. 1996.

- Society of Architectural Historians, Annual Conference. Growth Management and Urban Form in the Pacific Northwest. 1995.
- Rio Salado Architecture Foundation, 1995 Growth Management Seminar. Phoenix, Arizona.
- *Lincoln Institute for Land Policy*, Cambridge, MA. Workshop on The Privatization of Urban Space. Discussant. 1994.
- American Planning Association, 1994 Planning and Zoning Institute. Topic: Planning for Small Town and Rural Character.
- American Planning Association, 1994 National Planning Conference. Topic: Performance Based Growth Management.
- *Florida Atlantic University*, Seventh Annual Growth Management Conference. Topic: Intergovernmental Coordination under the Washington Growth Management Act. 1994.
- Florida Atlantic University, Distinguished Speaker Series. Topic: Growth Management. 1994.
- University of North Carolina at Chapel Hill, Department of Urban Design and Planning. Topic: Suburban Development Patterns. 1993.
- Association for Public Policy and Management, Fourteenth Annual Research Conference, Denver. Topic: Patterns of Local Growth Management. 1992.
- Association of Collegiate Schools of Planning, Annual National Conference, Columbus, Ohio, 1992. Papers: National Study of Local Planning Tools.
- The Urban Land Institute, 1991 National Conference. Topic: Growth Management in Washington.. 1991.
- National Association of Finance Officers. Topic: Integrating Land Use Controls with Infrastructure. 1990.
- American Planning Association, National Planning Conference 1990, Denver, Colorado. Topic: Rural Cluster Housing Guidelines.
- *National Trust for Historic Preservation*, Growth Management and Historic Preservation, 1990, Pittsburgh, Pennsylvania. Topic: Growth Management in Seattle.
- Lincoln Institute for Land Policy, Special Seminars, Cambridge, Massachusetts, 1990. Topic: Growth Management in Washington.
- Association of Collegiate Schools of Planning, National Conference, Portland, OR, 1989. Paper: Specializations, Faculty Interests, and Courses in Physical Planning at Graduate Schools of City and Regional Planning.
- American Planning Association, National Conference 1989, Atlanta, Georgia. Topic: The Effectiveness of Cluster Housing.
- Association of Collegiate Schools of Planning, National Conference, 1988 National Conference, Buffalo, New York. Paper: Further Evidence on Office Suburbanization: Toronto, Denver, Houston, Seattle, Los Angeles, and San Francisco.
- The City of the 21st Century Conference, Sponsored by the Arizona State University Department of City and Regional Planning. Papers: Performance Based Growth Management in Livermore, California and The Form and Impact of Office Suburbanization, 1988.
- Association of Collegiate Schools of Planning, National Conference, 1987 National Conference, Los Angeles. Paper: Physical Planning: An Assessment of the Field, and Office Suburbanization: Wishful Thinking vs. Reality. Panel Moderator: Rural and Exurban Infrastructure: Policy and Impact.

State, Regional, Local

League of Women's Voters Forum, Tucson Chapter. Gentrification, 2020.

Collaborative Governance Consortium Emerging Scholars Workshop, Tucson, Arizona, Gomez-Fernandez, E.L., A.D. Henry, & G. Pivo. Collaborative Governance in Urban Water Management in Arizona: Belief Systems, Perceptions, and Common Problems, February 2019.

US Green Building Council, Arizona State Conference, The Economic Benefits of Certification, November 2018. Pima County Sustainability Brown Bag. Sustainable and Responsible Property Investing, November, 2016. Tucson Green Chamber of Commerce. Responsible Property Investing. February 2014.

Arizona State Smart Growth Commission. Growth Management Strategies Symposium. February 18, 1999. Washington State Transportation Commission. Long Range Planning Workshop. Topic: Alternative Visions for Metropolitan America. December, 1997.

Washington State Department of Transportation, Town Hall Forum on Non-Work Trips. April, 1997. League of Women Voters. Issues Forum. Sustainability. December, 1996.

King County Bar Association, Continuing Legal Education. Subarea and Neighborhood Planning Under the Growth Management Act. May 19, 1995.

Channel 13 Television. I-164 Debate. May 13, 1995.

Channel 9 Television. I-164 Debate. March, 1995.

Puget Sound Regional Council. Global Connections, Local Impacts. January, 1995.

King County Growth Management Planning Council. Topic: Urban Centers and Growth Boundaries. 1994.

Washington State Transportation Commission, Land Use and Transportation Subcommittee. Topic: Land Use and Transportation Linkages, 1992.

Puget Sound Regional Council, Level of Service Standards Conference, Conference Moderator, 1992.

Washington State Legislature, Housing Committee, Topic: Growth Management and Affordable Housing, 1992. Washington State Legislature, Natural Resources Committee, Topic: Growth Management and Property Rights, 1992.

Seattle City Council, Topic: Urban Villages, 1992.

King County Impact Fee Commission, Topic: Overview of Impact Fees, 1992.

Tacoma Housing Conference, Topic: Housing and Growth Management, 1991

National Association of Industrial and Office Parks, Puget Sound Chapter, Topic: Growth Management, 1991.

King County Housing Partnership, Board of Directors, Topic: Housing and the 1991 Growth Strategies Act, 1991.

University of Washington Law School Mid-Year Environmental Law Conference, Topic: The 1991 Growth Strategies Bill, 1991.

Washington State House of Representatives, Joint Committees, Topic: The Washington Association of Business Growth Management Bill., 1991.

American Institute of Architects, Growth Management Initiative Debate, Moderator, 1990.

Washington State Senate, Legislative 2000 Committee, Topic: Toward Growth Management Monitoring, 1990. *Governor's Growth Strategies Commission*, 1990. Topic: Growth Strategies in Other States.

Seattle City Council, Growth Management Round Table, 1989. Topic: Regional Growth Management.

Seattle Economic Development Commission, 1989. Topic: Performance Standards for Downtown Growth Management.

Seattle Municipal League, 1989. Topic: Performance Standards for Downtown Growth Management.

Seattle City Council, 1989. Topic: Performance Standards for Downtown Growth Management.

City of Bellevue, Downtown Planning Committee, 1989. Topic: Post 2000 Visioning.

Governor's Office, State of California. California 2000: Issues of Growth Management, 1987.

COMMENTARY, INTERVIEWS OR ARTICLES ON PIVO'S WORK (excluding 2,580 academic citations)

Court Cases

Preserve Poway v. City of Poway, 245 Cal. App. 4th 560, March 9, 2016.

Major World or US Media

Huffington Post, <u>The Business Case for Green Building: Four More Words</u>, Roger Platt, September 23, 2015. *Federal Reserve Bank of Boston, Communities and Banking*, <u>Walkable and Affordable Communities</u>, Spring 2015.

Collier's International Insights, What's Your Walk Score?, Elizabeth Economou, March 17, 2015.

The American Conservative, Roadblock on Main Street, John Norquist, November 18, 2014.

New Straights Times (Malaysia), Investing in Climate Change, Lim Lay Ying, January 29, 2010.

Colliers International Insights, Community 'Living Space' and the Progressive Retail Shopping Experience, Anjee Solanki, 21 November 2014.

Atlantic Cities, Homes Near Public Transit Are Less Likely to Go Into Default, Kaid Benfield, June 27, 2013. *Market Watch,* The 10 most walkable U.S. cities, Amy Hoak, July 20, 2011.

The New York Times, Seeing the Investor Value in Being Green, Alison Gregor, March 2, 2010.

The Hindu: India's National Newspaper, Realty Sector May Pay High for Carbon Footprint, June 21, 2009.

Austrailian Financial Review, Sustainability Lacks Support, Lisa Carapiet, June 19, 2008.

Global Investor Magazine, Green turns to gold in real estate, June 2008.

Property Wire, UN urges property investors to embrace environmentally friendly developments, June 20, 2008. *Reuters India*, Property must cut carbon footprint faster-UN, June 18, 2008.

Weekly Diamond (Japan), World Voice: Profile of Gary Pivo, Yumiko Sakuma, June 23, 2007.

The New York Times, A starring role for green construction, Vivian Marino, April 29, 2007.

The Wall Street Journal, Real Estate's Latest Movement: 'Social Responsibility' Slowly Gains Popularity; taking a Cue from the EU, Christine Haughney, July 5, 2006.

Christian Science Monitor, Good Deeds, Real Estate, and You, G. Jeffrey MacDonald, August 22, 2005. *The Economist*, Paradise Overrun. June 18, 1998.

The New York Times, Unlikely Alliances Attack Property Rights Measures. Timothy Egan. May 15,1995. *National Public Radio; Morning Edition*. Seattle Hoping to Limit Sprawl. Wendy Kaufman, August, 1994. *San Francisco Chronicle*, California Cast as Villain in Seattle Growth Wars. Carl Nolte, June 26, 1989. *National Public Radio, Marketplace*. Downtown Growth Management. 1988.

Other World or US Media

AZ Big Media, UA-led report: Building water-efficient cities requires collaboration, November 6, 2018.

US Department of Energy, <u>New Research to Bolster the Business Case for Energy Efficient Buildings</u>, Cindy Zhu, December 4, 2017.

BISNOW, This Mutual Fund Is Investing In Sustainable REITs. Julie Littman, November 1, 2017.

Congress for New Urbanism, 65 reasons why urbanism works, Hazel Borys, Nov. 21, 2017.

Business Wire, Vert Asset Management Launches the First Sustainable Real Estate Mutual Fund in the U.S., Oct. 31, 2017

D Magazine, CRE Opinion: Real Estate Walks into A Bar..., Chuck Dannis, August 10, 2017.

Fernendina Observer, The many facets of "affordable housing," Suanne Z. Thamm, April 16, 2017.

Medium, It's time to make our cities walkable, Brad Done, February 7, 2017.

Reliance Foundry, What is a Walk Score? January 25, 2017.

National Low Income Housing Coalition, Location Efficiency in the Low Income Housing Tax Credit Program, Jan 17, 2017.

Missouri Saves, Energy Efficiency In Multifamily And Affordable Housing, December 11, 2016.

Scotsman Guide, Incentives and potential payoffs sustain green buildings, Bill Lewis, April 2016.

Strong Towns, Roadblock on Main Street, John Norquist, February 24, 2016.

Public Square, <u>The unintended consequences of housing finance</u>, C. Jones and S. Serpas, February 9, 2016.

Sustainable Cities Collective, <u>What Equity and Real Estate Investors Need to Know About Sustainability</u>, May 21, 2015.

GRESB Insights, Sustainability and real estate debt - the elephant is back, Nils Kok, May 18, 2015.

Green Building & Design, <u>A Better Bottom Line</u>, Patrick Sisson, May/June 2015

Valuation Review, New database equates walkability with higher value, April 27, 2015.

Benzinga, Walkability Premium Found in Price Trends for Commercial Property According to New Indices Released by RCA, April 15, 2015.

Tower Grove Neighborhood Community Development Corporation,<u>TGNCDC receives grant to advance energy</u> <u>efficiency</u>, TowerGrove, April 6, 2015.

Silicon Valley Business Journal, <u>Palo Alto office cap debate: Here's everything you need to know</u>, Nathan Donato-Weinstein, Mar 1, 2015.

Elevate Energy, <u>Don't forget the furnace and the boiler: improving natural gas efficiency in Illinois</u>, Marcella Bondie Keenan, December 12, 2014.

Property Biz Canada, Walkability scores correlate with property value, Charles Mandel, August 6, 2014.

NAHB Eye on Housing (eyeonhousing.org), <u>Apartment Buildings Benefit from Sustainability</u> (Newness & Affordability Too), Paul Emrath, July 31, 2014.

ProudGreenHome.com, Multifamily housing often wastes energy without green investment, July 16, 2014.

KTAR.com, <u>UA professor: Low-income renters losing money on home energy costs</u>, Jeremy Foster, July 14, 2014. *Phys.Org*, <u>Renters spend less on housing but more on energy, study finds</u>, Amanda Ballard, July 15, 2014. *PLANETIZEN*, Walkability and the Risk of Mortgage Default, Alison Berry, April 2, 2014.

Yourmoney123, Walkability and the Risk of Mortgage Default | Planetizen: The Urban Planning, Design, and Development Network, March 4, 2014.

- *Community Builders,* Walkability and the Risk of Mortgage Default, Alison Berry & Randy Carpenter, March 25, 2014.
- *GBIG (US Green Building Council Information Gateway),* Sustainability: good for the planet and the broker?, Ulyana Hrudzko, September 12, 2013.

Congress for New Urbanism, Sustainable Development and Mortgage Default, December 9, 2013.

Switchboard: Natural Resources Defense Council Staff Blog, Memo to the President: Transportation Choices Boost Economic Choices, July 22, 2013.

Walk Score Blog, Quantifying The Value of Walkability and Public Transit, Jason Gruber, July 8, 2013.

Hillbilly Report, Sunday Train: Sustainable Real Estate Development is Good for the Economy and Other Growing Things, BruceMcF, June 30, 2013.

Switchboard: Natural Resources Defense Council Staff Blog, The proof is in: smart growth reduces risk of mortgage default, June 27, 2013.

Planetizen, Responding to Smart Growth Criticism, Todd Litman, June 23, 2013.

- Seattle Tax Accountant, Homeowners With Sustainable Properties Are More Likely To Pay Their Mortgages, June 20, 2013.
- *The Future's Bright,* Homeowners With Sustainable Properties Are More Likely To Pay Their Mortgages, Admin, June 20, 2013.

Co.Exist, Homeowners With Sustainable Properties Are More Likely To Pay Their Mortgages, Ben Schiller, June 20, 2013.

EARTH Portation Curated News, URBAN – Study: Walkability Linked to Much Lower Risk of Default on Housing Loans, Maggie Paula, June 11, 2013.

- *Reconnecting America*: Doing Well By Doing Good: Taking Risk Out Of Mortgages By Building Sustainability In, June 7, 2013.
- *StreetsBlog Newwork:* Study: Walkability Linked to Much Lower Risk of Default on Housing Loans, Angie Schmitt, June 3, 2013.
- PedShed.net, Sustainable Development and Mortgage Default, June 2, 2013.

Investment News, Green will go to REITs that go green, Jeff Benjamin, November 16, 2011.

CHICAGO REAL ESTATE FORUM.COM, Walkability Increases Property Values, July 6, 2011.

Urban ethics and theory, Pivo and Fisher on the Walkability Premium for Commercial Properties, May 25, 2011. *The Deal Magazine,* The Cost of Clean, Matt Miller, April 2, 2010.

2Sustain, New Ceres Report Reveals Financial Benefit to Green Building Retrofits, December 22, 2009.

Financial Advisor Green, A Sleeping Giant, Raymond Fazzi, December 2009.

CoStar Group, Are Walkable Properties More Valuable? Andrew C. Burr, September 2, 2009

CoStar Group, Institutional Investors Pay More for Energy-Efficient Buildings, Study Finds: Academic study examines investment returns of responsible property investments. Aaron Burr, April 15, 2009.

Greener Buildings, Greener Property Portfolios Benefit Investors: Report. June 23, 2008.

IP (Investment Pensions) Real Estate, Greening the Property Mainstream, Martin Hurst, February 4, 2008.

GreenBiz.Com. Real Estate Executives Land Responsible Property Investment Strategy. August 6, 2007.

The Slatin Report: Real Estate Intelligence. Down Low at the Deal Makers Conference. Sept. 27, 2007.

- National Real Estate Investor. Corporate Environmentalism Surges and Wanted: Green Real Estate Investment Trust. G.M. Filisko. Sept. 1, 2007.
- The Letter Green. Real Estate Executives Land Responsible Property Investment Strategy. July 5,, 2007.

The Progressive Investor, Sustainable Business.com. Feature Story, Interview with Gary Pivo: Status of Sustainable Real Estate, May/June 2007.

The Institutional Real Estate Letter. Doing Well by Doing Good, Rachel McMurdie, June 2007.

The Ground Floor, What is Responsible Property Investing? May 29, 2007.

The Yudelson Associates Blog, Green Building Follows the Money Trail. May 12, 2007.

The Urban Land Institute, Responsible Property Investing: The Prequel, Stephen Blank, May 7, 2007. Also in *Real Estate Capital Markets Update*, Special Comment: What is RPI? May 25, 2007.

Urban Land Green, Responsible Investing, Trisha Riggs, Spring 2007.

- The Urban Land Institute Press Release and PR Newswire, Survey Shows Interest by Real Estate Executives in Responsible Property Investment Strategies, Trisha Riggs, May 2, 2007.
- *Multifamily Trends*, ULI. Social Investors Discover Real Estate. John McIlwain and Melissa Floca, January/February, 2007.
- Secondary Marketing Executive Online, Responsble Property Investing, 2007

Active Rain Real Estate Network. Green Real Estate Funds Investing. January 2007.

Social Funds.Com, William Baue, The Growth of Green Building Funds. November 30, 2006.

Building Design + Construction White Paper 2006: Green Buildings and the Bottom Line. November 2006.

Urban Land. Special Issue on Green Real Estate. In the News: Responsible Property Investing, 2006.

Corporate Watchdog Radio, Sanford Lewis and William Baue, Responsible Property Investing, July 9, 2006 and podcast at http://www.corporatewatchdogradio.org/.

SocialFunds.Com:the largest personal finance site devoted to socially responsible investing, William Baue, Opening the Umbrella of Socially Responsible Investing to Include Energy Efficient Mortgages, 21 February, 2006. http://www.socialfunds.com/news/article.cgi/1934.html (22 February, 2006).

SocialFunds.com: the largest personal finance site devoted to socially responsible investing, William Baue, Socially Responsible Property Investment Still on the Drafting Table, 29 December, 2005, http://www.socialfunds.com/news/print.cgi?sfArticleID=1896 (30 December, 2005). Also available from Institutional Shareowner, < http://www.institutionalshareowner.com/article.mpl?sfArticleId=1896> (30 December, 2005), and SRIAdvisor.com, < http://www.sriadvisor.com/article.mpl?sfArticleId=1896> (30 December, 2005).

SocialFunds.com: the largest personal finance site devoted to socially responsible investing, William Baue, Wanted: Socially Responsible Real Estate Investments: an academician searches for socially responsible real estate investment trusts, finding few that fit the definition, as well as disagreement over what criteria define SRI REITs, 18 March, 2005, <<u>http://www.socialfunds.com/news/article.cgi/article1666.html</u>>, (30 December, 2005). Also available from *Institutional Shareowner*,

<http://www.institutionalshareowner.com/article.mpl?sfArticleId=1666>, CSRwire.com: the corporate social responsibility newswire service, <<u>http://www.csrwire.com/sfprint.cgi?sfArticleId=1666></u>, SRI Adivisor.Com, <<u>http://www.sri-adviser.com/article.mpl?sfArticleId=1666></u> and ASrIA: Your Forum for SRI in Asia,

PropertyWeek.com, The Price of Sustainability, November 14, 2005.

Planning Practice. Ring Around the Region. William Fulton. March 1999.

Builder: The Magazine of the National Association of Homebuilders. Sprawl. Philip Langdon. July 1998. Smart States, Better Communities. Constance Beaumont. Washington, DC: National Trust for Historic Preservation. 1996.

The Coloradoan. Fort Collins. Bob Baun, August, 1994.

Planning, Goodbye Ramapo. Hello, Yakima and Isle of Palms. Sylvia Lewis, July, 1992.

Governing, Washington State Will Try to Guide Its Growth. January, 1992.

Regional Print Media, Television, Radio

Spotlight Arizona, Radio AZPM, Dealing with Gentrification, October 4, 2013.

Arizona Republic, Triple Bottom Line Tool for Economic Development, 2012.

Foresight. Exploring Sustainable Development: a new challenge for research parks. Winter 2005.

The Columbian, Off-target: Growth plan hasn't seemed to control sprawl, proliferation of strip malls in county August, 2003.

Arizona Daily Star, Students Flocking to Grad Programs. September, 2002.

Tucson Citizen, Tas Seek Union. February 2001.

Arizona Republic, \$2 Million would help UA Boost Education, Compete Better. February 2001.

The Arizona Daily Star, Sometimes, Growth Does Pay For Itself, and More, Study Says. December 2000.

Arizona Daily Star, Proposition 200: Developers Forecast Doom. October, 2000.

Arizona Daily Star, Graduate Aids at UA Seeking Union Affiliation. February, 2000.

Seattle Magazine, Stopping Traffic. 1999

Seattle Times, Kirkland's Downtown Dilimma, 1998.

Seattle Times, A choice in how Seattle Grows. November 2, 1997.

Seattle Times, Kirkland by the Sea Attains a Rare Identity. James Vesely. February 17, 1997.

KPLU Radio, Growth Management Front Porch Forum. May, 1997.

KUOW Radio, Will the Regional Transit Plan Reshape Urban Patterns. November, 1996.

- Seattle Post-Intelligencer. New building code fuels a Kirkland condo boom. Bruce Ramsey. October 21, 1996. *The News Tribune*. Growth pattern may ride on transit vote. Heath Foster. October 14, 1996.
- Seattle Post-Intelligencer. Boeing boom could spur NW growth spurt. T.M. Sell. April 25th, 1996.
- Seattle Post-Intelligencer. Rural traffic in King County clogs up as cars overflow roads. George Foster. November 27, 1995.
- Seattle Times, Ref. 48 defeat has louder echoes: a property rights stall in Congress too? Eric Pryne and David Postman. November 9, 1995.
- Seattle Times, Report: How to make housing affordable. David Schaeffer. August 29, 1995.
- Seattle Times, Housing in downtown Bellevue. Keith Irvin. 1994.
- Seattle Times, Property Rights Initiative Receives \$200,000 Boost. December 28, 1994.
- The Seattle Times. Five years later, big developments on Eastside are still on drawing board. Katherine Long, April 5, 1994.
- Seattle Post-Intelligencer. County's King-size challenge. Ed Penhale, March 25, 1994.
- KIRO T.V. Topic: The Growth Management Act, 1993.
- KUOW Radio. Topic: Growth Management, 1993.
- Seattle Times, Mass Transit Losing Ground Even in Seattle. Nancy Montgomery and Susan Gilmore. May 8, 1992.
- Seattle Times, Eastside's Transit Can't Keep Up with Solo Driving. Nancy Montgomery. May 8, 1992.
- Seattle Times, Mass Transit Merits More Than a Few Words. Peyton Whitely. September 27, 1991.
- Seattle Times, The Future of King County. George Foster, December 28, 1992.
- University Week, Strong State Laws Can Make It Happen. N. Megan Floyd, April 9, 1992.
- Seattle Times, So Who's in Charge Here? Deadline Revives the Growth Law Debate. Eric Pryne, September 3, 1991.
- Seattle Times, Federal Way Looks Ahead, Sees Bellevue. Leon Espinoza. August 7, 1991.
- Seattle Times, Growth Predicament: Should Bellevue Look Out for Itself or the Region?, Nancy Montgomery, June 23, 1991.
- Seattle Times, Kindergartners Design City Park with a Heart. Constantine Angelos. May 20, 1991.
- Seattle Times, It's an Urb: Bellevue, and Other Cities Like It, Gain Own Identity as Urban Centers. Joni Balter, May 15, 1991.
- Seattle Times, Designing Cities for the Future: Project Discards Outdates Ideas for Eastside Site. Katherine Long. April 10, 1991.
- Seattle Weekly, The Boeing Bulge, Rose Pike, July 3, 1991.
- Seattle Times, Initiatives Defeat May Hinder Attempts to Manage Growth. Eric Pryne. November 8, 1990.
- Seattle Times, State Growth Law May Swamp Local Government, Local Experts Fear. Linda Keene. June 28, 1990.
- Seattle Times, Puget Sound Region: What's Ahead? Part 1. April 22, 1990.
- Seattle Times, Meeting Planned on Neighborhoods. March 27, 1990.
- Journal American, The Future of the Suburbs, December 1990.
- Dubbed at the U. Public Radio Program, The Governor's Growth Management Legislation. December 10, 1990.
- Journal American, 'Big Green' Initiative. Is it a Cure or a Curse? Elizabeth Brown, October 15, 1990.
- King 5 TV/Seattle Times, Growing to Extremes. Jean Enersen, April 22, 1990.
- Seattle Times, Bellevue Jam. Nancy Montgomery, May 24, 1989.
- Seattle Times, Park and Drive Lots. Eric Pryne. June 25, 1989.
- KUOW Radio, Discussion on CAP: The Citizen's Alternative Plan for Downtown Seattle. Ross Reynolds, May 10, 1989.
- Seattle Times, CAP Debate: Ooze Factor Feared. Linda Keene. May 8, 1989.
- Seattle Post-Intelligencer, The Ideal Seattle. O. Casey Corr, May 4, 1989.
- Seattle Post-Intelligencer, A Tale of Two Visions for a Growing City. Angelo Bruscas and O. Casey Corr, May 1, 1989.
- King 5 TV, The CAP Initiative and Other Possibilities for Growth Management, April 24, 1989.
- Seattle Times, Suburban Crawl, Eric Pryne, April 16, 1989.
- Seattle Post-Intelligencer, Bellevue French, March 17, 1989.
- Seattle Daily Journal of Commerce, Professor Says CAP Won't Hurt Seattle and Could Help, Maude Scott, February 23, 1989.
- Seattle Post-Intelligencer, Controlling Growth: Even Planners Don't Have All the Answers, O. Casey Corr, January 25, 1989.
- KUOW Radio, Growth Management, Ross Reynolds, December 15, 1988.

Seattle Post-Intelligencer, The Dark Side of Growth Troubles: Seattle and Its Burgeoning Region, O. Casey Corr, December 5, 1988.

THESIS AND DISSERTATION COMMITTEES SINCE 2004

John Roanhorse, 2004 Mark Holden, 2004 James Feldman, (chair), 2005 Mirela Hromatka, 2005 Frank M. Pierson, 2005 Ruth Clark, Planning (chair), 2005, 2006, 2007 Marianne Butler (chair), 2005, 2006, 2007 Lawrence Williamson, 2005, 2006 Andrew Hagemeier, 2006 Michael Helfert (chair), 2006, 2007, 2008 Vince Vasquez (chair), 2006, 2007, 2008 Mike Rocque, 2006, 2007 Ben Zimmerman (chair), 2006, 2007 Tania Estrella (chair), 2006, 2007 Davey Dobbs, 2007 Aaron Lien, 2007 April Ortiz, 2007-2008 Derek Eysenbach, 2007-Adam Boudreaux (chair), 2008 Merideth Abrams (chair), 2013 Samuel Chambers, 2013-2014 Robin Pinto, 2013-2014 Brandon Herman, 2013-2014 Emily Bell, 2016-18 Edna Gomez, 2016-2020

COURSES TAUGHT SINCE 2004

Sustainable Cities and Societies, 2011-Land Development Process, 2004-Environmental Land Use Planning, 2008-11 Managing Development Near Conservation Areas, 2004-2007

CONSULTING

Bernard Development Corporation, Seattle, Impacts of Growth on the Rural Character of Preston, Washington California State Attorney General, CA, Adequacy of Tahoe Basin Regional Plan California Tahoe Regional Planning Agency, CA. Environmental Thresholds and Regional Carrying Capacity Plan City of Brisbane, CA, Consulting Planning Director, Zoning Administration, General Plan Housing Element Growth Management Plan, Northeast Ridge Housing Project Review and Circulation Capacity Management Study City of Dinuba, CA, Redevelopment Project No. 1 City of Everett, WA, Southwest Everett Areawide GMA/EIS Integration Project City of Hawthorne, CA, Redevelopment Project No.1 City of Lancaster, CA, Redevelopment Project No. 5 City of Livermore, CA, General Plan Growth Policy Amendments and Environmental Impact Report City of Livermore, CA, Growth Policy Review Study and Vineyard Preservation Policies Report City of Lynwood, CA, High School Development EIR City of Needles, CA, General Plan City of Orange, CA, Southwest Redevelopment Project City of Piedmont, CA, Piedmont:Oakland Mutual Referral Process City of Pittsburgh, CA, Leland Road General Plan Amendments

City of Rancho Palos Verdes, CA, Redevelopment Plan EIR City of San Bernardino, CA, South Valle Redevelopment Project City of Scottsdale, Expert Witness, Sonrise Community Church v. City of Scottsdale City of Seattle, WA, Tools for Downtown Growth Management City of Selma, CA, Redevelopment Project No. 1 City of Snoqualmie, WA, Small Town and Rural Character Impacts of the Snoqualmie Ridge Development City of Tucson, AZ, Equity and Sustainability Assessment of Govt. Property Lease Excise Tax (GPLET) Program Fannie Mae/Hoyt Institute, Energy and Environmental Research Hayward Redevelopment Agency, CA, Route 238 Redevelopment Project Henry M. Jackson Foundation, Seattle, Land Use Policy Issues in the Pacific Northwest Napa Valley Farm Bureau, CA, Adequacy of the County General Plan Napa Valley Foundation, CA, Tourism Impacts Study Northwest Equal Justice Foundation, Seattle, Lawsuit to prevent closure of the Canterbury Mobile Home Park Orange Redevelopment Agency, CA, Southwest Redevelopment Project Pacific Ready Mix, Inc., CA, Cement Plan Siting Study Real Capital Analytics, RPI Indices Riddell, Williams, Bullitt & Walkinshaw, Seattle, Expert Witness - The Impact of Landfills on Nearby Housing Santa Clara County, CA, Hillside and Open Space Preservation Plan Sonoran Institute/Lincoln Institute for Land Policy South Lake Tahoe Redevelopment Agency, CA, South Lake Tahoe Redevelopment Plan Southern Arizona Home Builders Association, Do Subdivisions Pay Their Way? The Robert Randall Company, CA, Multifamily Infill Housing Town of Tiburon, CA, Land-Use Element, Circulation Element, and General Plan EIR University of Arizona, Bio-Tech Park Master Planning University of Arizona, Science and Technology Park Master Planning US Department of Commerce, Economic Development Administration VERT Asset Management, Sustainble REIT Investing