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APPENDIX A

CURRICULUM VITAE

MARK THAYER

June 2017

Department of Economics

San Diego State University

San Diego, Ca 92182

619-594-5510 (Office) 619-460-2882 (Home) 619-602-1362 (Cell)

mthayer@mail.sdsu.edu

EDUCATION

Ph.D., Economics, University of New Mexico, Albuquerque, 1979

Title of Dissertation: "Contingent Valuation Techniques for Environmental Impacts: A Case Study of Geothermal Energy"

TEACHING POSITIONS AND RANKS HELD

Institution	Rank	Dates
San Diego State University	Emeritus Professor	2010-Present
San Diego State University	Department Chair	2009-2015
San Diego State University	Department Chair	1997-2007
San Diego State University	Professor	1985-2010
University of Nevada, Las Vegas	Professor	1991-1993
University of Nevada, Las Vegas	Department Chair	1991-1992
San Diego State University	Department Chair	1989-1991
San Diego State University	Associate Professor	1981-1985
University of Missouri-Rolla	Assistant Professor	1979-1980

OTHER PERTINENT PROFESSIONAL EXPERIENCE

Member, La Mesa Environmental Sustainability Commission, February 2014 - 2016

Member, San Diego County Board of Supervisors Science Advisory Board, March 2006 – March 2010.

Chair, California Board for Energy Efficiency, August 1998 – April 2000.

Member, California Board for Energy Efficiency, April 1997 – April 2000.

Research Associate, Regional Economic Research, 1982 – 1997.

Senior Economist, U.S. Environmental Protection Agency, January 1986 – August 1987.

Visiting Staff Member, Los Alamos Scientific Laboratory, September 1979 – 1983.

Research Associate, University of Wyoming, 1980 – 1984.

Research Associate, University of New Mexico, October 1978 – August 1979.

Research Associate, University of Southern California, September 1977 – August 1978.

Research Assistant, University of New Mexico, September 1974 – September 1977.

PROFESSIONAL GROWTH

Articles in Refereed Journals

“Near Term Prospects for Solar Energy: An Economic Analysis” (with W. Schulze et al.), *Natural Resources Journal*, Volume 17, pp. 169-207, April 1977.

“Contingent Valuation Techniques for Assessing Environmental Impacts: Further Evidence,” *Journal of Environmental Economics and Management*, Volume 8, Number 1, pp. 27-44, March 1981.

“Valuing Public Goods: A Comparison of Survey and Hedonic Approaches” (with D. Brookshire, W. Schulze, and R. d’Arge), *American Economic Review*, Volume 72, Number 1, pp. 165-177, March 1982.

Reprinted in *The Economics of the Environment: An Introduction*, edited by Anil Markandya and Julie Richardson, Earthscan Publications Limited, London, 1992.

Reprinted in *Economics of the Environment*, edited by Wallace Oates, Edward Elgar Publishers, London, 1992

“An Experiment in Valuing Senior Companion Program Services” (with C. Garbacz), *Journal of Human Resources*, Volume 18, Number 1, pp. 147-153, Winter, 1983.

“The Economic Benefits of Preserving Visibility in the National Parklands of the Southwest” (with W. Schulze et al.), *Natural Resources Journal*, Volume 23, pp. 149-173, January 1983.

“A Test of the Expected Utility Model: Evidence from Earthquake Risks” (with D. Brookshire, J. Tschirhart, and W. Schulze), *Journal of Political Economy*, Volume 93, Number 2, pp. 369-389, April 1985.

“The Robustness of Hedonic Price Estimation: Urban Air Quality” (with P. Graves, J. Murdoch, and D. Waldman), *Land Economics*, Volume 64, Number 3, pp. 220-233, August 1988.

“Hedonic Price Estimation of Variable Urban Air Quality” (with J. Murdoch), *Journal of Environmental Economics and Management*, Volume 15, Number 2, pp. 143-146, June 1988.

Reprinted in *The Economics of the Environment: An Introduction*, edited by Anil Markandya and Julie Richardson, Earthscan Publications Limited, London, 1993.

“Earthquake and Volcano Alerts: An Economic Evaluation of Risk Perception Changes” (with R. Bernknopf and D. Brookshire), *Journal of Environmental Economics and Management*, Volume 18, Number 1, pp. 35-49, January 1990.

- 616
617 “The Benefits of Reducing the Incidence of Non-Melanoma Cancers: A Defensive
618 Expenditures Approach” (with J. Murdoch), *Journal of Environmental Economics and*
619 *Management*, Volume 18, Number 2, pp. 107-119, March 1990.
- 620
621 “Urban Air Quality Improvements: A Comparison of Aggregate Health and Welfare
622 Benefits to Hedonic Price Differentials” (with P. Brucato and J. Murdoch), *Journal of*
623 *Environmental Management*, Volume 30, pp. 265-279, 1990.
- 624
625 “The Value of Air Quality Improvement in San Diego County,” *Regional Economic*
626 *Perspective*, Volume 4, Number 1, Winter 1991.
- 627
628 “The Benefits of Reducing Exposure to Waste Disposal Sites: A Hedonic Housing Value
629 Approach” (with H. Albers and M. Rahmatian), *Journal of Real Estate Research*,
630 Volume 7, Number 3, pp. 265-282, Summer 1992.
- 631
632 “The Impact of Seat Belt Use on Driving Behavior” (with H. Singh), *Economic Inquiry*,
633 Volume 30, Number 4, October 1992.
- 634
635 “A Spatially Autoregressive Median Voter Model of Recreation Expenditures” (with J.
636 Murdoch and M. Rahmatian), *Public Finance Quarterly*, Volume 21, Number 3, pp. 334-
637 350, July 1993.
- 638
639 “The Impact of Natural Hazards on Housing Values: The Loma Prieta Earthquake” (with
640 J. Murdoch and H. Singh), *Journal of the American Urban and Regional Economics*
641 *Association*, Volume 21, Number 3, pp. 167-184, Summer 1993.
- 642
643 “An Analysis of the Housing Market Before and After the 1989 Loma Prieta Earthquake”
644 (with C. Beron, J. Murdoch, and V. Vijberberg), *Land Economics*, Volume 73, Number
645 1, pp. 101-113, February 1997.
- 646
647 “Do Property Values Rebound from Environmental Stigmas? Evidence from Dallas”
648 (with L. Dale, J.C. Murdoch, and P. Waddell), *Land Economics*, Volume 75, Number 2,
649 pp. 311-326, May 1999.
- 650
651 “Hierarchical linear Models with Application to Air Pollution in the South Coast Air
652 Basin,” (with K. Beron and J. Murdoch), *American Journal of Agricultural Economics*,
653 volume 81, number 5, pp. 1123-1127, 1999.
- 654
655 “The Benefits of Visibility Improvement: New Evidence from the Los Angeles
656 Metropolitan Area,” (with K. Beron and J. Murdoch), *Journal of Real Estate Finance and*
657 *Economics*, volume 22:2/3, pp. 319-337, May 2001.
- 658

“Capitalization and the Voucher: An Analysis of Precinct Returns from California’s Proposition 174,” (with E. Brunner and J. Sonstelie), *Journal of Urban Economics*, 50, pp. 517-536, 2001.

“School Finance Reform and Housing Values” (with E. Brunner and J. Murdoch), *Public Finance Management*, 2 (4), pp. 535-565, 2002.

“The Economic Value of Preventing Respiratory and Cardiovascular Hospitalizations” (with L.G. Chestnut, J.K. Lazo, and S.K. Van Den Eeden), *Contemporary Economic Policy*, 24 (1), pp. 127-143, 2006.

“Corruption in College Basketball? Evidence of Tanking in Post-Season Conference Tournaments” (with E. Balsdon and L. Fong). *Journal of Sports Economics*, volume 8 (1), pp. 19-38, 2007.

“Compact Fluorescent Lighting and Residential Natural Gas Usage: Testing for Interactive Effects” (with E. Brunner, P. Ford, and M. McNulty). *Energy Policy*, volume 38, pp. 1288-1296, March 2010.

“Wind Energy Facilities and Residential Properties: The Effect of Proximity and View on Sales Prices” (with B. Hoen, R. Wiser, P. Cappers, and G. Sethi), *Journal of Real Estate Research*, volume 33 (3), pp. 279-316, July/September 2011.

“Residential Photovoltaic Energy Systems in California: The Effect on Home Sales Prices,” (with B. Hoen, R. Wiser, and P. Cappers), *Contemporary Economic Policy*, volume 31 (4), pp. 708-718, October 2013.

“Analyzing Photovoltaic Premiums for a Large Dataset of California Homes,” (with B. Hoen, G. Klise, J. Graff-Zivin, J. Seel, and R. Wiser), *The Appraisal Journal*, forthcoming 2015.

“A Spatial Hedonic Analysis of the Effects of Wind Energy Facilities on Surrounding Property Values in the United States,” (with B. Hoen, R. Wiser, P. Cappers, J.B. Brown, and T. Jackson), *Journal of Real Estate Finance and Economics*, volume 51 (1), pp. 22-51, 2015.

“Multi-State Residential Transaction Estimates of Solar Photovoltaic System Premiums” (with B. Hoen, S. Adomatis, T. Jackson, J. Graff-Ziven, G. Klise, and R. Wiser), *Renewable Energy Focus*, forthcoming 2017.

Chapters in Books

“Experiments in Valuing Public goods” (with D. Brookshire et al.), pp. 123-172 in *Advances in Applied Micro-Economics*, edited by V. Kerry Smith, Jai Press, Inc., 1981.

704 “An Evaluation of the Validity of Survey Methods in Economics” (with R. d’Arge et al.),
705 pp. 171-193 in *Environmental Policy: Air Quality*, edited by P. Graves, G. Tolley, and A.
706 Cohen, Ballinger Publishing Co., Cambridge, 1982.

707
708 “Valuation of Public Services for the Aged: Theory, Design, and Results” (with C.
709 Garbacz), pp. 239-248 in *Economic Resources for the Elderly: Prospects for the Future*,
710 edited by C. Garbacz, Westview Press, 1983.

711
712 “Economic Issues in the Application of Externalities to Electricity Resource Selection”
713 (w R. Rowe and M. Freeman), in *Technical Review of Externalities Issues*, edited by
714 Victor Niemeyer, Electric Power Research Institute, Palo Alto, CA, December 1994.

715
716 “Risk Compensating Behavior” (with N. Daneshvary), in *The Encyclopedia of Human*
717 *Behavior*, Volume 4, pp. 35-39, edited by S. Ramchandran, Academic Press, Inc.,
718 January 1994.

719
720 “Hedonic Price Functions and Spatial Dependence: Implications for the Demand for
721 Urban Air Quality,” (with K. Beron, J. Murdoch, and Y. Hanson), in *New Advances in*
722 *Spatial Econometrics*, edited by Luc Anselin, Raymond J.G.M. Florax, and S.J. Rey,
723 Springer-Verlag, 2004.

724
725 “Risk Compensating Behavior” (with C. Garbacz), in *The Encyclopedia of Human*
726 *Behavior Volume 3*, edited by S. Ramchandran, Elsevier Press, Inc., pp. 271-275,
727 Academic Press, 2012.

728
729 “Environmental Hazards: Earthquakes” (with J.C. Murdoch), in *Encyclopedia of*
730 *Housing, 2nd Edition*, edited by A. Carswell, Sage Publications, Thousand Oaks, CA, pp.
731 181-184, 2012.

732 733 **Publications in Refereed Proceedings**

734
735 “Trombe Wall Versus Direct Gain: A Microeconomic Analysis for Albuquerque and
736 Madison” (with S. Noll), pp. 192-198 in *Proceedings of the Third Passive Solar Energy*
737 *Conference*, San Jose, California, January 1979.

738
739 “Passive Solar, Auxiliary Heat and Building Conservation Optimization: A Graphical
740 Analysis” (with S. Noll), pp. 128-131 in *Proceedings of the Fourth National Passive*
741 *Solar Energy Conference*, Kansas City, Missouri, October 1979.

742
743 “An Economic Overview of the Issues and Problems of Microzonation” (with W.
744 Schulze et al.), in *Third International Earthquake Microzonation Conference*
745 *Proceedings, Volume III*, June 1982.

“The Benefits of Air Quality Improvements (with J. Murdoch),” in *Transactions of Evaluation of Scientific Basis for Ozone Flash Oxidant Standards* (Journal of Air Pollution Control Association), pp. 86-95, October 1985.

“Hedonic Prices for Visibility in the California South Coast Air Basin” (with J. Murdoch), in *Visibility Protection: Research and Policy Analysis*, edited by P. S. Bhardwaja, Transactions of an Air Pollution Control Association Specialty Conference, 1987.

“Acute and Variable Air Pollutants” (with J. Murdoch and W. Weirick), in *Estimating and Valuing Morbidity in a Policy Context: Proceedings*, Association of Environmental and Resource Economists Workshop, June 8-9, 1989.

“Urban Visibility: Some Experiments on the Contingent Valuation Method” (with J. Irwin et al), in *Visibility and Fine Particles*, a Transactions of the Air and Waste Management Association, edited by C.V. Mathai, Pittsburg, PA, 1990.

“A Methodology for Integrating Air Quality Impacts into Energy Resource Planning” (with F. Sebold), in *Proceedings of Demand Side Planning and the Global Environment*, Washington, DC, April 1991.

“A Methodology for Valuing the Air Quality Impacts of Alternative Energy Resources” (with F. Sebold), in *Proceedings of The 5th Demand Side Management Conference*, Boston, Massachusetts, August 1991.

Monographs

The Economics of Solar Home Heating (with W. Schulze et al.), Joint Economic Committee of the United States Congress, Government Printing Office, March 1977.

Predicting Water-Based Recreation: A Generalized Approach (with J. Baxter, et al.), Appendix to Lake Powell Research Project Bulletin (D. Brookshire et al., authors), National Science Foundation, Report No. 33, November 1976.

Heat Loss Factors for Single-Family Homes, LAMS-8837, Los Alamos Scientific Laboratory, September 1979.

Experiments in Valuing Non-Market Goods: A Case Study of Alternative Benefit Measures for Air Pollution Control in the South Coast Air Basin of Southern California (with D. Brookshire et al.), Methods Development for Assessing Tradeoffs in Environmental Management, Vol. II, United States Environmental Protection Agency, October 1978.

The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis (with B. Hoen, R. Wiser, P. Cappers, and G. Sethi),

Environmental Energy Technologies Division, Ernest Orlando Lawrence Berkeley National Laboratory, LBNL-2829E, December 2009.

An Analysis of the Effects of Residential Photovoltaic Energy Systems on Home Sale Prices in California (with B. Hoen, R. Wiser, and P. Cappers), Environmental Energy Technologies Division, Ernest Orlando Lawrence Berkeley National Laboratory, LBNL-4476E, April 2011.

A Spatial Hedonic Analysis of the Effects of Wind Energy Facilities in the United States (with B. Hoen, J. Brown, T. Jackson, R. Wiser, and P. Cappers), Environmental Energy Technologies Division, Ernest Orlando Lawrence Berkeley National Laboratory, LBNL-6362E, April 2013.

Funded Research Reports

A Preliminary Economic Feasibility Study for the Establishment of an Energy-Water Complex in the Tularosa Basin (with R. Lansford et al.), New Mexico Water Resources Research Institute, Report No. 068, February 1976.

The Economics of Geothermal Energy: A Case Study (with S. Ben-David et al.), Report to the National Science Foundation, 1978.

Direct Gain, Report to Los Alamos Scientific Laboratory, September 1979.

Methods Development for Valuing Hazards Information (with D. Brookshire et al.), Report to the United States Geological Survey, October 1980.

Alternatives to Increased Electricity Generation Capacity in the Union Electric Service Area, Report to Missouri Department of Natural Resources, December 1980.

The Benefits of Preserving Visibility in the National Parklands of the Southwest (with W. Schulze et al.), Methods Development for Environmental Control Benefits Assessment, Volume VIII, United States Environmental Protection Agency, 1981.

Experimental Approaches for Valuing Environmental Commodities (with D. Brookshire et al.), Interim Report to the U.S. Environmental Protection Agency, Grant No. CR808-893-1, April 1982.

An Economic Evaluation of Strike-Breaking Bribes in Labor Negotiations (with R. Hageman), Report to the National Football League Player's Association, March 1982.

Methods Development for Benefit-Cost Analysis of Natural Hazards Information (with D. Brookshire et al.), Report to the U.S. Geological Survey, Contract No. 14-08-0001-20458, October 1982.

837 *Assessment of the External Benefits of the Heber Binary Project* (with F. Sebold et al.),
838 report to San Diego Gas and Electric Company, December 1982.

839
840 *Methods Development in Measuring Benefits of Environmental Improvements:*
841 *Experimental Approaches for Valuing Environmental Commodities* (with W. Schulze et
842 al.), Report to the U.S. Environmental Protection Agency, Grant No. CR808-893-01, July
843 1983.

844
845 *The Benefits of Visibility Improvements* (with J. Trijonis et al.), Report to the California
846 Air Resources Board, August 1984.

847
848 *Improving the Accuracy of Hedonic Price Methods: Econometric Analysis of Existing*
849 *Data Sets* (with P. Graves, et al), Vol. VI of Improving Accuracy and Reducing Costs of
850 Environmental Benefit Assessments, Report to U.S. Environmental Protection Agency,
851 March 1986.

852
853 *An Economic Evaluation of Hazard Alerts: A Case Study of the Mammoth Lakes Basin,*
854 *California* (with W.D. Schulze), report to U.S. Geological Survey, May 1986.

855
856 *Field and Laboratory Experiments on the Reliability of the Contingent Valuation Method*
857 (with Schulze, et al), Report to the U.S. Environmental Protection Agency, May 1989.

858
859 *A Methodology for Estimating and Valuing the Air Quality Impacts of Alternative Energy*
860 *Resources* (with F. Sebold and J. Murdoch), Report to California Energy Commission,
861 August 1989.

862
863 *Valuing the Environmental Impacts of Alternative Energy Resources--Phase II* (with F.
864 Sebold and J. Murdoch), Report to the California Energy Commission, Sacramento, CA.,
865 July 1990.

866
867 *Valuing the Environmental Impacts of Alternative Energy Resources--Phase III* (with F.
868 Sebold and J. Murdoch), Report to the California Energy Commission, Sacramento, CA.,
869 May 1991.

870
871 *Valuing Eastern Visibility: A Field Test of the Contingent Valuation Method* (with G.
872 McClelland et al), Report to the U.S. Environmental Protection Agency (Cooperative
873 Agreement #CR-815183-01-3), Office of Policy, Planning, and Evaluation, Washington,
874 DC, June 1991.

875
876 *The Loma Prieta Earthquake: An Event Study of Risk Perceptions and the Housing*
877 *Market*, Report to the National Science Foundation, December 1991.

878
879 *Valuing the Environmental Impacts of Alternative Energy Resources--Phase IV* (with F.
880 Sebold and J. Murdoch), Report to the California Energy Commission, Sacramento, CA.,
881 December 1991.

883 *Valuing the Environmental Impacts of Alternative Energy Resources--Phase V* (with F.
884 Sebold and J. Murdoch), Report to the California Energy Commission, Sacramento, CA.,
885 June 1992.

886
887 *The Air Quality Valuation Model*, Report to the California Energy Commission,
888 Sacramento, CA., April 1994.

889
890 *Review of "Assessing Environmental Externality Costs for Electricity Generation,"*
891 Report to the Minnesota Department of Public Service, St. Paul, MN, March, 1995.

892
893 *"Improving Visibility Benefit Estimates from Hedonic Models,"* Report to the South Coast
894 Air Quality Management District, June 1998.

895
896 *"The Economic Value of Respiratory and Cardiovascular Hospitalizations,"* (with L.
897 Chestnut and S. Van Den Eeden), Report to the California Air Resources Board, May
898 2003.

899
900 **Work in Progress**

901
902 "Space-Time Dependence Relationships in Intra-Metropolitan Air Pollution" (with J.
903 Murdoch and L. Anselin).

904
905 "PV and Property Values: An Analysis of a Broader Set of PV Homes" (with B. Hoen, G.
906 Klise, J. Graff-Zivin, R. Wiser, T. Jackson, and S. Adomatis).

907
908 **Awards, Grants, Honors**

909
910 Principal Investigator, "Analysis of Alternatives to Increased Electric Generation
911 Capacity in the Union Electric Service Area," Missouri Department of Natural
912 Resources, 1980 (\$8,000).

913
914 Principal Investigator, "Economic Analysis of Wood Biomass Energy Conversion,"
915 University of Missouri Weldon Springs Fund, 1980-81 (\$8,600).

916
917 Principal Investigator, "Development of Methods to Estimate the Benefits of Visibility
918 Improvement," California Air Resources Board, September 1982 (\$54,783).

919
920 Principal Investigator, "An Economic Evaluation of Hazard Alerts: A Case Study of the
921 Mammoth Lakes Region, California," United States Geological Survey, 1984 (\$47,333).

922
923 IPA of the Year, U.S. Environmental Protection Agency, 1987.

924
925 Meritorious Performance and Professional Promise Award, San Diego State University,
926 1988.

928 Co-Principal Investigator, "The Loma Prieta Earthquake: An Event Study of Changes in
929 Risk Perceptions and the Housing Market," National Science Foundation, 1990
930 (\$93,413).

931
932 Co-Principal Investigator, "Evaluation of the Environmental Impacts of Alternative
933 Energy Resources," California Energy Commission, 1989-1992 (\$425,000).

934
935 Principal Investigator, "An Evaluation of the Establishment of Environmental Cost
936 Values," Minnesota Department of Public Service, 1994-95 (\$28,140).

937
938 Principal Investigator, "The Provision of Water via Water Markets in the San
939 Diego/Tijuana Region," SCERP, 1994-95 (\$24,000).

940
941 Principal Investigator, "An Analysis of Potential Rebound from Environmental Stigmas,"
942 The Law and Economics Consulting Group, 1996 (\$5,000).

943
944 Principal Investigator, "Improving Air Quality Benefit Estimates from Hedonic Models,"
945 United States Environmental protection Agency/National Science Foundation, 1997-1999
946 (\$124, 931).

947
948 Principal Investigator, "Improving Visibility Benefit Estimates from Hedonic Models,"
949 South Coast Air Quality Management District, 1997-1998 (\$18,000).

950
951 Principal Investigator, "Space-Time Dependence Relationships in Intra-Metropolitan Air
952 Pollution," United States Geological Survey, 2000-2002 (\$50,000).

953
954 Principal Investigator, "The Economic Value of Hospitalizations Associated with
955 Particulate and Ozone Air Pollution," California Air Resources Board, 2000-2001
956 (\$284,080).

957
958 Principal Investigator, "The Sensitivity of Concentration-Response Functions to the
959 Explicit Modeling of Space-Time Dependence" (with J. Murdoch and L. Anselin), grant
960 funded by the National Science Foundation (\$141,000).

961
962 Principal Investigator, "Spatial Dependence in a Model of Hospital Admissions" (with J.
963 Murdoch and L. Anselin), grant funded by the Environmental Protection Agency
964 (\$30,000).

965
966 Principal Investigator, "Economic Value of Reducing Cardiovascular Disease Associated
967 with Air Pollution," grant funded by the California Air Resources Board, 2008-2010,
968 (\$392,600).

969
970 **Papers Presented**
971

972 “Experimental Methods for Valuing Aesthetics and Health Effects in the South Coast Air
973 Basin: An Overview” (with D. Brookshire et al.), presented at the Air Pollution Control
974 Association Annual Meetings, Cincinnati, Ohio, June 1979.
975
976 “Valuing Public Goods: A Comparison of Survey and Hedonic Approaches” (with D.
977 Brookshire et al.), presented at the American Economic Association Meetings, Denver,
978 Colorado, September 1980.
979
980 “An Experiment in Valuing Senior Companion Services” (with C. Garbacz), presented at
981 the American Economic Association Meetings, Washington, DC, December 1981.
982
983 “An Economic Overview of the Issues and Problems of Microzonation” (with D.
984 Brookshire et al.), presented at the Third International Conference on Microzonation,
985 Seattle, Washington, June 1982.
986
987 “The Benefits of Air Quality Improvements” (with J. Murdoch, et al.), to be presented at
988 International Specialty Conference on Critical Evaluation of the Current Scientific Data
989 Base for Ozone Regulation, Houston, Texas, November 27-30, 1984.
990
991 “Hedonic Prices for Visibility in California's South Coast Air Basin” (with J. Murdoch),
992 presented at Jackson, Wyoming, September 1986.
993
994 “Variable Air Pollution and Acute Health Effects” (with J. Murdoch and B. Weirick),
995 presented at Western Economic Association Meetings, Vancouver, British Columbia,
996 1987.
997
998 “A Methodology for Integrating Air Quality Impacts into Energy Resource Planning”
999 (with F. Sebold), presented at the (1) Advanced Workshop in Regulation and Public
1000 Utility Economics, San Diego, CA. 1990; (2) Demand Side Management and the Global
1001 Environment, Washington DC, 1991.
1002
1003 “Valuing the Externalities Associated with Electric Generation” (with F. Sebold, J.
1004 Murdoch, T. Tanton, T. Mayer), presented at the Western Economic Association, San
1005 Francisco, July 1992.
1006
1007 “A Methodology for Valuing Externalities” (with F. Sebold and J. Murdoch), presented
1008 at the Western Economic Association, San Francisco, July 1992.
1009
1010 “A Methodology for Determining the Value of the Air Quality Impacts of Electricity
1011 Generation,” Public Utility Research and Training Institute Seminar, Laramie, Wyoming,
1012 June 1993. Also presented at New Mexico State University Conference, Santa Fe, New
1013 Mexico, April 1993.
1014
1015 “Water Provision and Markets in the San Diego/Tijuana Region,” presented at the
1016 SCERP Technical Conference, San Diego, CA, March 1995.
1017

1018 “Hedonic Price Functions and Spatial Dependence: Implications for the Demand for
 1019 Urban Air Quality,” presented at the Spatial Econometric Society Annual Meeting,
 1020 November 1998.
 1021
 1022 “Hedonic Price Functions and Spatial Dependence: Implications for the Demand for
 1023 Urban Air Quality,” (with K. Beron, J. Murdoch, and Y. Hanson), presented at the Spatial
 1024 Econometric Society Annual Meeting, November 1998.
 1025
 1026 “Hierarchical linear Models with Application to Air Pollution in the South Coast Air
 1027 Basin,” (with K. Beron and J. Murdoch), presented at the Annual AAEA Meeting in
 1028 Nashville, August 1999.
 1029
 1030 “Capitalization and the Voucher,” (with E. Brunner and J. Sonstelie), National Tax
 1031 Association Meetings, October 1999.
 1032
 1033 “Capitalization and the Voucher,” (with E. Brunner and J. Sonstelie), Southern Economic
 1034 Association Meetings, November 1999.
 1035
 1036 “The Benefits of Visibility Improvement: New Evidence from the Los Angeles
 1037 Metropolitan Area,” (with K. Beron and J. Murdoch), CESIR Seminar Series, Stanford
 1038 University, April 2000.
 1039
 1040 “Who Benefits from Environmental Policy? An Assessment Based on Housing Values in
 1041 Southern California, 1977-2000,” Association of Public Policy and Management
 1042 Conference, November 2002.
 1043
 1044 “Tools for the Exploration of Space-Time Patterns in Concentration-Response Models,”
 1045 ASSA Conference, January 2003.
 1046
 1047 “The Economic Value of Respiratory and Cardiovascular Hospitalizations,” California
 1048 Air Resources Board Chairman’s Air Pollution Seminar Series, May 2003.
 1049
 1050 “Results from a Nationwide Study of Property Values near Windfarms: What Next?”
 1051 The American Wind Energy Association (AWEA) Windpower 2010 Conference and
 1052 Exhibition, May 23-26, 2010, Dallas, Texas. Session: Wind Power Development -
 1053 Permitting and Policy.
 1054
 1055 “A Multi-site Hedonic Analysis of Residential Property Value Impacts Surrounding
 1056 Wind Power Projects in the US.” The American Real Estate Society Annual Meeting,
 1057 April 14 – 17, 2010, Naples FL. Session 5: Negative Amenity.
 1058

1059 “Do Photovoltaic Energy Systems Effect Residential Selling Prices? Results from a
1060 California Statewide Investigation.” Solar Power International, October 17 – 20, 2011.
1061 Dallas, Texas. Session: Financing Residential Systems.

1062
1063 **Other Professional Growth**

1064
1065 Project Consultant, U.S. Environmental Protection Agency, 1975-88.

1066
1067 Project Consultant, California Air Resources Board, 1983-84.

1068
1069 Project Consultant, Regional Economic Research, 1982-2002.

1070
1071 Project Consultant, Santa Fe Research Corporation, 1982-Present.

1072
1073 Project Consultant, Environmental Law Institute, 1987-88.

1074
1075 Project Consultant, U.S. Geological Survey, 1982-87.

1076
1077 Project Consultant, National Science Foundation, 1990-91.

1078
1079 Prepared and offered testimony for a case involving the Heber Geothermal Plant, Public
1080 Utilities Commission, 1983.

1081
1082 Prepared and offered testimony for case involving production and sale of counterfeit
1083 goods for Federal Defenders, Federal Court, September 1990.

1084
1085 Prepared and offered testimony on the issue of including environmental values in energy
1086 resource planning, California Energy Commission, 1991-94.

1087
1088 Prepared and offered testimony on the issue of including environmental values in energy
1089 resource planning, Minnesota Public Utilities Commission, 1995.

1090
1091 Prepared and offered expert testimony in cases concerning value of injury and/or
1092 premature death, 1990-Present.

1093
1094 Prepared and offered expert testimony in cases concerning survey and hedonic analysis of
1095 property value impacts associated with proximity to known hazards, both natural and
1096 man-made, 1993-95, 2009.

1097
1098 Associate Editor, *Journal of Environmental Economics and Management*, 1990-91.

1099
1100 Reviewer for *Journal of Environmental Economics and Management*, *Land Economics*,
1101 *Water Resources Research*, *Contemporary Policy Issues*, *American Economic Review*,
1102 United States Geological Survey, United States Environmental Protection Agency
1103 (Socioeconomics Review Panel and the Office of Policy, Planning, and Evaluation),

1104 United States Environmental Protection Agency/National Science Foundation, *Journal of*
1105 *Developing Areas*.
1106
1107