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## EDUCATION

Doctorate in Economics, Sophia University, 2004  
Doctoral Coursework Completed, Economics, University of Tokyo, 1990  
B.A., Economics, Sophia University, Japan, in March 1985

## POSITIONS

Head, Environmental Economics and Policy Section, Social Environmental Systems Division, National Institute for Environmental Studies (NIES), Japan (April 2006 to present)  
Associate Professor, Graduate school of Decision Science and Technology, Tokyo Institute of Technology, Japan (April 1999 to present)  
Affiliated fellow, Science and Technology Foresight Center, National Institute of Science and Technology Policy (April 2005 to present)  
Senior Researcher, Environmental Economics Section, Social Environmental Systems Division, NIES, Japan (October 1996 to March 2006)  
Visiting Scholar, College of Urban Planning and Public Affairs, University of Illinois at Chicago, USA (March 2003 to June 2004)  
Visiting Scholar, Battelle, Pacific Northwest National Laboratory, USA (May 1994 to March 1995)  
Researcher, Environmental Economics Section, Social Environmental Systems Division, NIES (April 1989 to September 1996)

## OTHER TEACHING EXPERIENCE:

Adjunct Professor, Faculty of Law, Sophia Univ. (April 2003 to present)  
Adjunct Professor, Faculty of Economics, Tokyo Metropolitan Univ. (December 2001 to March 2002)  
Adjunct Professor, Faculty of Economics, Tokyo Metropolitan University (December 1999 to January 2000)  
Adjunct Professor, Faculty of Economics, Gakushuin University (April 1999 to March 2000)  
Adjunct Professor, Faculty of Law, Sophia University (October 1997)  
Adjunct Professor, Faculty of Economics, Sophia University (April 1996 to February 1999)  
Adjunct Professor, Faculty of Economics, Keio University. (November 1992)

## AWARDS

Young Researchers Awards, Japan Association for Planning Administration, 1995

## PUBLICATIONS

### Articles (\* Refereed Article)

- (1) \*Hibiki, Akira and Toshi Arimura (forthcoming) "Facilities' Incentive of Environmental Management and their Stakeholders' Impact: from the Results of OECD Survey", *Planning Administration* (in Japanese).
- (2) Arimura, Toshi and Akira Hibiki (2005) "Relation between Environmental Management and Environmental Policy: from the Results of OECD Survey", *Sophia Economic Review*, Vol. 50, No.1-2, pp. 1-13 (in Japanese).
- (3) \*Welch, Eric and Akira Hibiki (2003) "An Institutional Framework for Analysis of Voluntary Policy: The Case of Voluntary Pollution Prevention Agreements in Kita Kyushu, Japan", *Journal of Environmental Planning and Management*, Vol. 46, No. 4, pp. 523-543.
- (4) \*Welch, Eric and Akira Hibiki (2002) "Japanese Voluntary Environmental Agreements: Bargaining Power and Reciprocity as Contributors to Effectiveness", *Policy Science*, Vol. 35, No. 4, pp. 401-424.
- (5) Hibiki, Akira and Kikuo Iwata (1997) "Effectiveness of the Economic Instruments to Reduce CO2 emission and the Impact of the Carbon Tax on the Economy", *Journal of Japanese Energy Society*, Vol. 6, No. 11, pp. 1047-1053 (in Japanese).
- (6) Hibiki, Akira and Kikuo Iwata (1997) "The Introduction of Carbon Tax for Environmental Protection and its Economical Impact", *Environmental Management*, Vol. 3, No. 1, pp. 22-29 (in Japanese).
- (7) \*Hibiki, Akira and Ronald D. Sands (1996) "Simulation Analysis of the Impact of Carbon Tax on the Japanese Economy", *Planning Administration*, Vol. 19, No. 4, pp. 71-81 (in Japanese).
- (8) \*Yamazaki, Fukuju and Akira Hibiki (1993) "Economic Analysis of Land Use Regulation", *Economic Studies*, Vol. 44, No. 2, pp. 128-136 (in Japanese).
- (9) Yamazaki, Fukuju and Akira Hibiki (1993) "Economic Analysis on Easing of Building Codes", *Mita Journal of Economics*, Vol. 85, No. 4, pp. 53-61 (in Japanese).
- (10) \*Hibiki, Akira, Tsuneyuki Morita and Kikuo Iwata (1989) "Introduction of Economic Instruments for the Global Warming Policy", *Environmental Science*, Vol. 2, No. 4, pp. 237-249 (in Japanese).
- (11) \*Iwata, Kikuo and Akira Hibiki (1988) "Application of TDR to Environmental Protection", *Environmental Science*, Vol. 1, No. 2, pp. 91-98 (in Japanese).

### Books

- (1) Hibiki, Akira and Toshi Arimura (2002) *Introduction to Environmental Economics: Approach to Solve the Environmental Problems*, Chuko Shinsyo Publishing, Tokyo, pp. 220+ (in Japanese).
- (2) Kato, Hisakazu, Hidefumi Kurasaka, Hikaru Kobayashi, Tsuneo Takeuchi, Akira Hibiki, Kazuo Matsushita and Tsuneyuki Morita (1990) *Political Economics of Global Environment*, Diamond Publishing, Tokyo, pp. 232+ (in Japanese).

## Book Chapters

- (1) Arimura, Toshi, Akira Hibiki and Nick Johnston (2007) "An Empirical Study of Environmental R&D: What Encourages Facilities to be Environmentally Innovative?", in *Environmental Policy And Corporate Behaviour*, Nick Johnston ed., Edward Elgar.
- (2) Hibiki, Akira (2003) "Economic Analysis of Intertemporal Optimal Use of Waste Disposal Site and Optimal Waste Management Policy", in *Economics of Urban Renaissance*, Yamazaki Fukuju and Yoshihisa Asada ed., Toyo Keizai Shinposha Publishing, Tokyo, pp.113-141 (in Japanese).
- (3) Iwata, Kikuo and Akira Hibiki (2003) "Environmental Protection and Economic Activity", in *Life and Environmental Science*, The Chemical Society of Japan ed., Kagaku Dojin Publishing, Tokyo, pp.133-150 (in Japanese).
- (4) Iwata Kikuo and Akira Hibiki (2000) "Transformation of Social System to Prevent Global Warming and the Introduction of Carbon Tax", in *Forecasting Environment in 21<sup>st</sup> Century and its Policy*, Yasui, Itaru, ed., Maruzen Publishing, Tokyo, pp.175-189 (in Japanese).
- (5) Hibiki, Akira and Ronald D. Sands, (1997) "Impact of Carbon Tax on Japanese Economy: Long Term Simulation Analysis by SGM Japan", in *Environmental Policy and Tax System*, Environmental Agency supervised, Gyosei Publishing, Tokyo, pp. 98-116 (in Japanese).
- (6) Iwata, Kikuo and Akira Hibiki (1996) "Urban Environmental Problems", in *Encyclopedia of Japanese Economy*, Kaizuka, Kohsai and Nonaka ed., Nihon Keizai Sinbunsha Publishing, Tokyo, pp. 1297-1315 (in Japanese).
- (7) Hibiki, Akira and R. D. Sands (1995) "Estimating the Impact of Carbon Tax Using the Second Generation Model of Greenhouse Gas Emissions for Japan", in *Global Warming, Carbon Limitation and Economic Development*, Amano ed., CGER, TSUKUBA, pp. 23-38.
- (8) Hibiki, Akira, Tsuneyuki Morita and Hiroya Ono (1992) "Carbon Taxes in Japan: Analytical Perspective and an Alternative Approach", in *Climate Change: Designing a Practical Tax*, OECD Publishing, Paris, pp. 79-94.
- (9) Hibiki, Akira (1990) "Global Environment as the Public Goods and the Government Intervention", in *Global Environment and Economy*, Okita, Saburo supervised, Chuo Hoki Publishing, Tokyo, pp. 61-73 (in Japanese).
- (10) Hibiki, Akira, Tsuneyuki Morita and Kikuo Iwata (1990) "Economic Instruments to Protect Global Environment", in *Global Environment and Economy*, Okita, Saburo supervised, Chuo Hoki Publishing, Tokyo, pp. 85-119 (in Japanese).

## Papers in the Conference Proceedings and Working Papers

- (1) Miyawaki, Koji, Yasuhiro Omori and Akira Hibiki (2006) "Bayesian Estimation of Demand Functions under Block Rate Pricing", *Discussion Paper F Series (Center for International Research on the Japanese Economy, The University of Tokyo)*, CIRJE-F-424 pp. 29+ (<http://www.e.u-tokyo.ac.jp/cirje/research/dp/2006/2006cf424.pdf>).
- (2) Arimura, Toshi, Akira Hibiki, and Hajime Katayama (2005) "Is a Voluntary Approach an Effective Environmental Policy Instrument? A Case of Environmental Management Systems", *Proceedings of the Australian Conference of Economists*, pp. 44+.
- (3) Hibiki, Akira and Toshi ARIMURA (2005) "An Empirical Study of the Effect of the Fuel Tax in Japan on Vehicle Selection and NOx emission", *Discussion Paper (Department of Social Engineering, Tokyo Institute of Technology)*, No. 05-02, pp. 13+ (available at <http://www.soc.titech.ac.jp/%7Elibrary/discuss/text/dp05-02.pdf>).

- (4) Hibiki, Akira, Masato Higashi and Akimi Matsuda (2004) “Determinants of Adoption of ISO14001 by a Japanese Publicly-Held Manufacturer and the Market Valuation of a Certified Firm”, *European Association of Environmental and Resource Economics*.
- (5) Welch, Eric and Akira Hibiki (2004) “(Non) Voluntarism for Green House Gas Reduction by Electric Utilities: An Assessment of ISO14001 and Evaluation of the Climate Challenge Program”, *European Association of Environmental and Resource Economics*.
- (6) Hibiki, Akira, Masato Higashi and Akimi Matsuda (2004) “Acquisition of the Certificates of ISO14001 in Japan and its Valuation of the Market”, *Proceeding of the Open Meeting of the Global Environmental Change Research Community*.
- (7) Welch, Eric and Akira Hibiki (2004) “(Non)Voluntarism in the Energy Production Industry”, *Proceeding of the Open Meeting of the Global Environmental Change Research Community*.
- (8) Hibiki, Akira and Toshi Arimura (2004) “Analysis on the Incentive of Facilities for Environmental Protection and the Effect of the Environmental Policy and their Stakeholders: from the Results of OECD Survey on Environmental Management”, *Discussion Paper (Department of Social Engineering, Tokyo Institute of Technology)*, No. 04-05, pp. 48+ (in Japanese).
- (9) Hibiki, Akira, Masato Higashi and Akimi Matsuda (2003) “Determinants of the Firm to Acquire ISO14001 Certificate and Market Valuation of the Certified Firm”, *Discussion Paper (Department of Social Engineering, Tokyo Institute of Technology)*, No. 03-06, pp. 21+ (available at <http://www.soc.titech.ac.jp/%7Elibrary/discuss/text/dp03-06.pdf> )
- (10) Hibiki, Akira and Toshi Arimura (2003) “Reformation of the Car Fuel Tax and its Impact on Reduction in the Emissions of Pollutant: Application of Binary Choice Model to the Choice of the Vehicle” in *Study on Environmental Tax*, Dohkeiken Series A-103, pp. 36-59 (in Japanese).
- (11) Hibiki, Akira (2000) “Environmental Policy and its Economical Impact”, Discussion Paper of Faculty of International Economics, Reitaku University (in Japanese).
- (12) Terazono, Atsushi and Akira Hibiki (1998) “Environmental Loading and Cost Charge Concerning Recycling of PET Bottles”, *Proceedings of the Third International Conference on EcoBalance*, pp. 483-486.

#### Other Articles

- (1) Hibiki, Akira (2005) “Problems in Proposed Carbon Tax in Japan”, *Monthly Rengo (Japanese Trade Union Confederation)*, Vol. 18, No. 5, pp. 30-31 (in Japanese).
- (2) Hibiki, Akira (2005) “Challenge in UK: Climate Change Levy and Emission Reduction Subsidy”, *Monthly Rengo (Japanese Trade Union Confederation)*, Vol. 18, No. 6, pp. 30-31 (in Japanese).
- (3) Hibiki, Akira (2005) “Necessity of Design of Emission Trading Scheme in Japan Based on the Experience of the Emission Trading Scheme in the Other Countries”, *Monthly Rengo (Japanese Trade Union Confederation)*, Vol. 18, No. 7, pp. 30-31 (in Japanese).
- (4) Hibiki, Akira (2005) “Case of the Environmental Tax for the Global Warming Countermeasure in the Leading Countries”, *Monthly Rengo (Japanese Trade Union Confederation)*, Vol. 18, No. 8, pp. 30-31.
- (5) Hibiki, Akira and Toshi Arimura (2004) “Environmental Policies and Firm-Level Management Practices in Japan”, OECD, pp. 56+ ([http://www.oecd.org/about/0,2337,en2649\\_3433\\_1\\_1\\_1\\_1.00.html](http://www.oecd.org/about/0,2337,en2649_3433_1_1_1_1.00.html))
- (6) Hibiki, Akira (2003) “Trend of Environmental Tax to Prevent from Global Warming”, *Energy and Resource*, Vol. 24, No. 5, pp. 33-37 (in Japanese).

- (7) Hibiki, Akira (2003) "Balance Environment with Economy", *Harvard Business Review (Japanese Edition)*, Vol. 28, No. 5, pp. 157-160 (in Japanese).
- (8) Hibiki, Akira (2003) "Waste Problem and Economics", in *Global Environmentology*, Sophia Univ., pp.115-129 (in Japanese).
- (9) Hibiki, Akira (2002) "Start the Charge for the Garbage Collection Based on the Volume", *Weekly Economist*, Vol. 80, No. 45, pp. 56-58 (in Japanese).
- (10) Hibiki, Akira (2002) "What Can Economics Do to Solve the Environmental Problems", *Economics Seminar*, No.575, pp.12-16 (in Japanese).
- (11) Hibiki, Akira (2002) "Environmental and Development Summit", *Weekly Economist*, Vol. 80, No. 38, pp. 14 (in Japanese).
- (12) Hibiki, Akira (2000) "Greening and Environmental Economics", *Urban Green Tech*, No. 37, pp. 10-12 (in Japanese).
- (13) Hibiki, Akira (1999) "Outlook and Problems of Containers and Packaging Recycling Law: About Cost Burden of Pet Bottle Recycling", in *Environmental Shimbun*, January 1<sup>st</sup>, pp. 44 (in Japanese).
- (14) Hibiki, Akira (1998) "Mechanism of Carbon Tax and the Policy Package for Prevention of Global Warming", *Petrotech*, Vol. 22, No. 1, pp. 16-21 (in Japanese).
- (15) Hibiki, Akira (1996) "Introduction of Carbon Tax and Prevention of Global Warming", *KT Techno Forum*, No. 3, pp. 12-15 (in Japanese).
- (16) Hibiki, Akira (1996) "Simulation Analysis of the Impact of Carbon Tax on the Japanese Economy", *Environment*, Vol. 21, No. 1, pp. 34-35 (in Japanese).
- (17) Hibiki, Akira (1992) "Environmental Policy Using Market Mechanism", *Urban Problem*, Vol. 82, No. 11, pp. 15-26 (in Japanese).
- (18) Iwata, Kikuo and Akira Hibiki (1992) "Economic Instruments for Protection of Global Environment", *ESP*, No. 242, pp. 20-24 (in Japanese).
- (19) Hibiki, Akira (1992) "Can We Use the Market Power to Protect Environment?", *Environment*, Vol. 16, No. 10, pp. 12-13 (in Japanese).
- (20) Hibiki, Akira (1989) "Basic Course: Global Environmental Problems No.25", *Nihon Keizai Shimbun*, July 4<sup>th</sup> (in Japanese).
- (21) Hibiki, Akira (1989) "Basic Course: Global Environmental Problems No.24", *Nihon Keizai Shimbun*, July 3<sup>rd</sup> (in Japanese).
- (22) Hibiki, Akira (1989) "Basic Course: Global Environmental Problems No.21", *Nihon Keizai Shimbun*, June 29<sup>th</sup> (in Japanese).

## PRESENTATIONS

- (1) Managi, Shunsuke, Akira Hibiki and Tetsuya Tsurumi (2007) "International Trade and the Environment", *Empirical Investigations in Trade and Investment Conferences*, February 8-10, Tokyo, Japan
- (2) Managi, Shunsuke, Akira Hibiki and Tetsuya Tsurumi (2006) "International Trade and the Environment: Is Trade Openness Good for the Environment?", *9<sup>th</sup> Biennial Conference of International Society for Ecological Economics on "Ecological Sustainability and Human Well-being"*, The India Habitat Center, December 15-18th, New Delhi, India
- (3) Miyawaki, Koji, Hiroyasu Omori and Akira Hibiki (2006) "Bayesian Estimation of Demand Functions under Block Rate Pricing", *International Workshop on Bayesian Statistics and Applied Econometrics*, University of Tohoku, October 31-November 1, Sendai, Japan

- (4) Hibiki, Akira and Tetsuya Shimane (2006) "Empirical Study on Determinants of Household Solid Waste and the Effect of the Unit Pricing in Japan: Application of the Panel Spatial Model", *Annual Meeting of Japanese Economic Association*, Osaka City University, Oct. 21-22, Osaka, Japan
- (5) Miyawaki, Koji, Hiroyasu Omori and Akira Hibiki (2006) "Bayesian Estimation of Demand Functions under Block Rate Pricing", Recent Advances in Applied Econometrics, *The Japan Statistical Society 75th Anniversary Symposium*, University of Tokyo September 23-24 2006, Tokyo, Japan
- (6) Miyawaki, Koji, Yasuhiro Omori and Akira Hibiki (2006) "Bayesian Estimation of Demand Functions under Block Rate Pricing", *2006 Annual Meeting of Japanese Federation of Statistical Science Associations*, University of Tohoku, September 5-8, Sendai, Japan
- (7) Managi, Shunsuke, Akira Hibiki and Tetsuya Tsurumi (2006) "Empirical Study on the Effect of the Trade Liberalization on the Environment", *Annual Meeting of Society of Environmental Science*, Sophia Univ., September 4-5<sup>th</sup>, Tokyo, Japan
- (8) Hibiki, Akira and Shunsuke Managi (2006) "Environmental Information Provision, market Valuation and Firm Incentives: empirical analysis in Japan", *CORE First Conference on The potential of CSR to support the implementation of the EU Lisbon Strategy*, June 22-23, Milan, Italy
- (9) Hibiki, Akira and Shunsuke Managi (2006) "Does Housing Market in Japan Respond to the Disclosure of the Information on the Release and Transfer of Chemical Substances from the Facility?", *3rd World Congress of Environmental and Resource Economists*, July 3-7, Kyoto, Japan
- (10) Hibiki, Akira and Tetsuya Shimane (2006) "Empirical study on determination of household solid waste and the effect of the unit pricing in Japan", *IEEE ISEIM 2006*, July 10-13, Corte-Ajaccio, France
- (11) Hibiki, Akira and Shunsuke Managi (2006) "Environmental information provisions, valuation of the market and firm's incentive: empirical analysis of PRTRs in Japan", *IEEE ISEIM 2006*, July 10-13, Corte-Ajaccio, France
- (12) Matsuda, Akimi and Akira Hibiki (2006) "Environmental Behavior of the Firm and Financial Market Evaluation", *AERNA(Spanish-Portuguese Association of Natural Resource and Environmental Economics) conference*, June 2-3, Lisbon, Portuguese
- (13) Managi, Shunsuke and Akira Hibiki (2006) "International Trade, Economic Growth and the Environment in North and South", *International Conference, Economics of Poverty, Environment and Natural Resource Use*, May 17-19, Wageningen, The Netherland
- (14) Hibiki, Akira and Shunsuke Managi (2006) "Information Provision Policy and its Effect on the Financial Market: Empirical Study on PRTRs in Japan", *Annual Meeting Allied Social Science Associations*, January 6-9, Boston, USA
- (15) Shimane, Tetsuya and Akira Hibiki (2005) "Empirical Study on the Effect of the Unit-pricing on the Solid Waste Generation: Application of the Panel Spatial Model", 19<sup>th</sup> Annual Meeting of Applied Regional Science Conference, December 10-11, Tokyo, Japan
- (16) Hibiki, Akira, Toshi Arimura and Naoto Takeba (2005) "Empirical Study on the Effect of the Exhaust Emission Control on R&D and the Productivity of the Firm in the Automobile Industry", *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan
- (17) Hibiki, Akira, Shunsuke Managi and Hironobu Kawajiri (2005) "Information Provision Policy and Financial Market" *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan
- (18) Hibiki, Akira, Shunsuke Managi and Hironobu Kawajiri (2005) "Housing Market and the PRTR", *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan

- (19) Kawaguchi, Masao, Akira Hibiki and Tetsuya Shimane (2005) "Empirical Study on the Effect of the Unit-pricing on the Emission of Household Solid Waste", *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan
- (20) Hibiki, Akira, Toshi Arimura and Koya Asada (2005) "Econometric Analysis on the Determinants of Environmental Management Practices of the Firm", *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan
- (21) Ohara, Shinsuke and Akira Hibiki (2005) "Empirical Study on the Effect of the Environmental Friendly Activity of the Firm on the Loan Interest Rate", *2005 Annual Meeting of Society of Environmental Economics and Policy*, October 9-10, Tokyo, Japan
- (22) Arimura, Toshi, Akira Hibiki, and Hajime Katayama (2005) "Is a Voluntary Approach an Effective Environmental Policy Instrument? A Case of Environmental Management Systems", *the 34th Australian Conference of Economists*, September 26-28, Melbourne, Australia
- (23) Shimane, Tetsuya, Akira Hibiki and Masao Kawaguchi (2005) "Empirical Study on Determinants of Household Solid Waste and the Effect of the Unit Pricing", *Annual Meeting of Japanese Economic Association*, September 17-18, Tokyo, Japan
- (24) Arimura Toshi, Akira Hibiki and Hajime Katayama (2005) "Is a Voluntary Approach an Effective Environmental Policy Instrument? A Case of Environmental Management Systems", *Annual Meeting of Japanese Economic Association*, September 17-18, Tokyo, Japan
- (25) Miyawaki, Koji, Yasuhiro Omori and Akira Hibiki (2005) "Estimation of Water Demand Function under Block Rate Pricing", *2005 Annual Meeting of Japanese Federation of Statistical Science Associations*, University of Hiroshima, September 12-15, Hiroshima, Japan
- (26) Hibiki, Akira and Akimi Matsuda (2005) "Electric Appliance Recycling Law and Determinants of Illegal Damping in Japan", *Singapore Economic Review Conference*, August 4-6, Singapore
- (27) Hibiki, Akira and Tetsuya Shimane (2005) "Empirical Study on Determinants of Household Solid Waste and the Effect of the Unit Pricing in Japan", *Singapore Economic Review Conference*, August 4-6, Singapore
- (28) Hibiki, Akira and Akimi Matsuda (2005) "How Does Financial Market Evaluate Environmentally Good Behavior of a Firm? : an Empirical Study of Environmental Management System", *14th Annual Conference of European Association of Environmental and Resource Economists*, June, Bremen, Germany
- (29) Hibiki, Akira (2005) "Empirical study of the effects of the discharge gas regulation on R&D and the productivity of the firms in the auto industry", *9th Meeting of OECD Working Party on National Environmental Policy*, June 16-17, Washington D.C., USA
- (30) Hibiki, Akira, Akimi Matsuda and Masato Higashi (2004) "Determinants of Adoption of ISO14001 by a Japanese Publicly-Held Manufacturer and the Market Valuation of a Certified Firm", *Annual Meeting of Japanese Economic Association*, September, Okayama, Japan
- (31) Seiki, Masaaki and Akira Hibiki (2004) "Optimal Charge on the Household Water Use for Sustainable Usage of Ground Water: Case Study of Kumamoto Region", *2004 Annual Meeting of Society of Environmental Economics and Policy*, September, Higashi Hiroshima, Japan
- (32) Itoh, Taku and Akira Hibiki (2004) "Analysis on the Effect of the Chemical Substance Emitting Facilities on the Housing Market", *2004 Annual Meeting of Society of Environmental Economics and Policy*, September, Higashi Hiroshima, Japan

- (33) Arimura, Toshi, Akira Hibiki and Kazuyuki Iwata (2004) "Analysis on the Impact of Adoption of ISO14001 on the Pollution", *2004 Annual Meeting of Society of Environmental Economics and Policy*, September, Higashi Hiroshima, Japan
- (34) Hibiki, Akira, Masato Higashi and Akimi Matsuda (2004) "Determinants of Adoption of ISO14001 by a Japanese Publicly-Held Manufacturer and the Market Valuation of a Certified Firm", *13<sup>th</sup> Annual Meeting of European Association of Environmental and Resource Economics*, Budapest, Hungary
- (35) Welch, Eric and Akira Hibiki (2004) "(Non) Voluntarism for Green House Gas Reduction by Electric Utilities: An Assessment of ISO14001 and Evaluation of the Climate Challenge Program", *13<sup>th</sup> Annual Meeting of European Association of Environmental and Resource Economics*, Budapest, Hungary
- (36) Hibiki, Akira, Masato Higashi and Akimi Matsuda (2003) "Acquisition of the Certificate of ISO 14001 in Japan and its Valuation of Market", *2003 Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, Montreal, Canada
- (37) Welch, Eric and Akira Hibiki (2003) "The Effect if ISO 14001 on CO2 Production in Electric Power Generation Facilities", *2003 Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, Montreal, Canada
- (38) Takeba, Naoto and Akira Hibiki (2003) "Empirical Study on the Residential Water Demand", *2003 Annual Meeting of Society of Environmental Economics and Policy*, University of Tokyo, September 12-15, Tokyo, Japan
- (39) Ohara, Shinsuke and Akira Hibiki (2003) "Empirical Study on the Automobile Fuel Demand and NOx Emissions", *2003 Annual Meeting of Society of Environmental Economics and Policy*, University of Tokyo, September 12-15, Tokyo, Japan
- (40) Higashi, Masato and Akira Hibiki (2003) "Empirical Study on the Valuation of the Financial Market on the Firm's Environmental Friendly Action", *2003 Annual Meeting of Society of Environmental Economics and Policy*, University of Tokyo, September 12-15, Tokyo, Japan
- (41) Hibiki, Akira and Toshi Arimura (2002) "Empirical Study on the Effect of the Fuel Tax on the Choice of Vehicle and NOx Emissions", *Annual Meeting of Society of Environmental Science*, Ritsumeikan University, September, Kusatsu, Japan
- (42) Seiki, Masaaki and Akira Hibiki (2002) "The Optimal Waste Management Policy under the Illegal Dumping", *2002 Annual Meeting of Society of Environmental Economics and Policy*, Hokkaido University, September, Sapporo, Japan
- (43) Hibiki, Akira, Toshi Arimura (2002) "The Empirical study on the effect of the fuel tax in Japan on the vehicle selection and the NOx emission", *2nd World Congress of Environmental and Resource Economists*, July, Monterey, USA
- (44) Hibiki, Akira and Masato Higashi (2001) "Empirical Study of the Fuel Tax on the Choice of Vehicle: Case Study of Recreational Vehicles", *2001 Annual Meeting of Society of Environmental Economics and Policy*, Kyoto University, September, Kyoto, Japan
- (45) Hibiki, Akira and Toshi Arimura (2001) "Empirical Study on the Effect of the Fuel Tax on the Vehicle Choice and NOx Emissions", Symposium at Sophia University, Tokyo, Japan
- (46) Welch, Eric, and Akira Hibiki (2001) "Japanese Voluntary Environmental Agreements: Bargaining Power and Reciprocity as Contributors to Effectiveness", *American Society of Public Administration's 63<sup>rd</sup> National Conference*, March, Phoenix, USA
- (47) Welch, Eric, Akira Hibiki (2000) "Economic Development, Municipal Government and Public-Private Collaboration: Assessing the Use of Multimedia Pollution Agreements in Japan", *American Society of Public Administration's 62<sup>nd</sup> National Conference*, March, Newark, USA
- (48) Hibiki, Akira and Ronald D. Sands (1999) "Simulation Analysis on the Effect of the Global Warming Policy on GDP : Introduction of the Carbon Tax and its

- Revenue Recycling Policy”, *Annual Meeting of Society of Environmental Science*, Toyohashi, Japan
- (49) Hibiki, Akira and Ronald D. Sands (1999) “Simulation Analysis on the Economical Impact of the Global Warming Policy on the Industries : Introduction of the Carbon Tax and its Revenue Recycling Policy”, *Annual Meeting of Society of Environmental Science*, Toyohashi, Japan
- (50) Terazono, Atsushi and Akira Hibiki (1998) “Environmental Loading and Cost Chargetconcerning Recycling of PET Bottles”, *The Third International Conference on EcoBalance*, November, Tsukuba, Japan
- (51) Hibiki, Akira and Ronald D. Sands (1998) “Simulation Analysis on the Economical Impact of the Global Warming Policy Mix: Introduction of the Carbon Tax and the Reformation of the Fuel Tax”, *Annual Meeting of Society of Environmental Science*, October, Tsukuba, Japan
- (52) Hibiki, Akira, Sukehiro Goto and Atsushi Terazono (1998) “Case Study on Recycling Cost of the Pet Bottle under Containers and Packaging Recycling Law”, *9<sup>th</sup> Annual Meeting of Japan Society of Waste Management Experts*, Nagoya, Japan
- (53) Hibiki, Akira (1997) “Empirical Study on the Effect of the Carbon Tax on the Modal Shift of the Freight Transport”, *Annual Meeting of Society of Environmental Science*, October, Kitakyushu, Japan
- (54) Hibiki, Akira and Ronald D. Sands (1995) “Study on the Economical Impact of the Global Warming Policy Mix: Carbon Tax and Expansion of the Government Expenditure”, *Annual Meeting of Society of Environmental Science*, October, Tokyo, Japan
- (55) Hibiki, Akira and Ronald D. Sands (1995) “Study on the Economical Impact of the Carbon Tax to Stabilize CO2 Emissions”, *Annual Meeting of Society of Environmental Science*, October, Tokyo, Japan
- (56) Sands, Ronald D. and Akira Hibiki (1995) “Electric Generating Scenarios and Greenhouse Gas Emissions in Japan”, *International Association for Energy Economics*, Washington, D.C., USA
- (57) Hibiki, Akira and Ronald D. Sands (1995) “Development of CGE Model to Assess the Economical Impact of the Global Warming Policy”, *Annual Meeting of Society of Environmental Science*, October, Tsukuba, Japan
- (58) Edmonds, James, Akira Hibiki and Ronald D. Sands (1994) “The Japan Region of the SGM”, *a US-Japan Collaboration, Workshop on Global Change Modeling and Assessment*, Hawaii, USA
- (59) Teruyama, Hiroshi and Akira Hibiki (1990) “Estimation of the Carbon tax to Reduce CO2 Emissions”, *Annual Meeting of Society of Environmental Science*, October, Tokyo, Japan
- (60) Hibiki, Akira, Tsuneyuki Morita and Kikuo Iwata (1989) “Design of the Emission Trading Scheme for the Global Warming Policy”, *Annual Meeting of Society of Environmental Science*, October, Tsukuba, Japan