

Tetsuya Tsurumi, Ph.D.

Faculty of Policy Studies

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Academic Positions:

- **Apr. 2023 – Present**

Professor, Faculty of Policy Studies, Nanzan University

- **Apr. 2015 – Mar. 2023**

Associate Professor, Faculty of Policy Studies, Nanzan University

- **Apr. 2011 – Mar. 2015**

Assistant Professor, Faculty of Policy Studies, Nanzan University

- **Apr. 2010 – Mar. 2011**

Assistant Professor, Graduate School of Frontier Sciences, The University of Tokyo

Research Interest:

- Economic development and environment
- Economic development and subjective wellbeing
- Environmental and Natural Resource Economics
- Applied Econometrics

Education:

Ph.D., Yokohama National University, Japan. Advisor Shunsuke Managi

M.A., The University of Tokyo, Japan.

Professional Activities:

- **Aug. 2025 – Present**

Editorial board member, Associate Editor, *Applied Research in Quality of Life*

- **Apr. 2023 – Present**

Editorial Secretary, Editorial Board, *Society for Environmental Science, Japan*

- **Apr. 2022 – Present**

Executive Board Member, *Society for Environmental Economics and Policy Studies, Japan (SEEPS)*

- **Apr. 2022 – Present**

Member, Research Group on “*Institutional Design for Realizing a Well-Being Society,*”
Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2020 – Mar. 2023**

Editor-in-Chief, Newsletter Editorial Board, *Society for Environmental Economics and Policy Studies, Japan (SEEPS)*

- **Apr. 2019 – Mar. 2023**

Editorial Board Member, *Society for Environmental Science, Japan*

- **Apr. 2020 – Mar. 2022**

Member, Research Group on “*Institutional Design for the Desirable Social Acceptance of Artificial Intelligence,*” Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2018 – Mar. 2021**

Member, *Ministry of the Environment, Government of Japan*, Policy Research for Environmental Economics, Project on “*Comprehensive Assessment of Environmental, Economic, and Social Sustainability and Evaluation of Well-Being*”

- **Apr. 2016 – Mar. 2021**

Subtheme Leader, *Environmental Research and Technology Development Fund (ERTDF), Ministry of the Environment, Government of Japan*, Project S-16 “*Policy Design and Evaluation to Ensure Sustainable Consumption and Production Patterns in Asian Region (PECoP-Asia)*” <https://www.susdesign.t.u-tokyo.ac.jp/s-16/index.html>

- **Apr. 2018 – Mar. 2020**

Member, Research Group on “*Impacts of Artificial Intelligence on Macro- and Microeconomic Dynamics and Policy Responses,*” Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2015 – Mar. 2018**

Member, Research Group on “*Impacts of Artificial Intelligence on the Economy,*” Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2015 – Mar. 2018**

Member, *Ministry of the Environment, Government of Japan*, Policy Research for Environmental Economics, Project on “*Development and Evaluation of Indicators for the Fifth Basic Environment Plan and Integrated Environmental Indicators*”

- **Apr. 2013 – Mar. 2016**

Member, Research Committee on “*Impacts of the Post-Nuclear Accident Economic*

Situation and Industrial Structural Change on Energy Supply and Demand,” Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2013 – Mar. 2015**

Member, Research Committee on “*Trade, Foreign Direct Investment, and Environment/Energy,*” Research Institute of Economy, Trade and Industry, Japan (RIETI)

- **Apr. 2012 – Mar. 2015**

Member, *Ministry of the Environment, Government of Japan*, Policy Research for Environmental Economics, Project on “*Indicator Studies for Environmental Policies toward a High-Quality and Sustainable Life*”

Awards:

- **Sep. 2018**

Academic Award (Encouragement Prize), Society for Environmental Economics and Policy Studies, Japan (SEEPS)

Monetary Valuations of Life Conditions in a Consistent Framework: The Life Satisfaction Approach

Recipient: **Tetsuya Tsurumi**

Peer-Reviewed Journal Articles:

1. Tsurumi, T., Managi, S. 2025. Income and Subjective Well-Being: The Importance of Index Choice for Sustainable Economic Development, *Sustainability*, 17(12), 5266.
2. Uchiyama, Y., Kyan, A., Sato, M., Ushimaru, A., Minamoto, T., Harada, K., Takakura, M., Kohsaka, R., Kiyono, M., Tsurumi, T., Uchida, A., Saga, T., Yamamoto, K. 2025. Association between objective and subjective relatedness to nature and human well-being: key factors for residents and possible measures for inequality in Japan’s megacities, *Landscape and Urban Planning*, 261, 105377.
3. Tsurumi, T., Uchiyama, Y., Sato, M., Morioka, M. 2024. Green spaces and mental health in the context of materialism: A comparative analysis before and during the COVID-19 pandemic. *Urban Forestry & Urban Greening* 102, 128567.
4. Piao, X., X. Ma, T. Tsurumi, and S. Managi, 2021. Social Capital, Negative Event, Life Satisfaction and Sustainable Community: Evidence from 37 Countries, *Applied Research in Quality of Life*, 17, 1311–1330.
5. Tsurumi, T., R. Yamaguchi, K. Kagohashi, and S. Managi, 2021. Material and relational consumption to improve subjective well-being: Evidence from rural and urban Vietnam, *Journal of Cleaner Production*, 310(10), 127499.

6. Tsurumi, T., R. Yamaguchi, K. Kagohashi, and S. Managi, 2020. Attachment to material goods and subjective well-being: Evidence from life satisfaction in rural areas in Vietnam, *Sustainability*, 12, 9913.
7. Tsurumi, T., R. Yamaguchi, K. Kagohashi, and S. Managi, 2020. Are cognitive, affective, and eudaimonic dimensions of subjective well-being differently related to consumption? Evidence from Japan, *Journal of Happiness Studies*, 22, 2499–2522.
8. Tsurumi, T. and S. Managi, 2020. Health-related and non-health-related effects of PM2.5 on life satisfaction: Evidence from India, China and Japan, *Economic Analysis and Policy*, 67: 114-123.
9. Higa, K., R. Nonaka, T. Tsurumi, and S. Managi, 2019. Migration and Human Capital: Evidence from Japan, *Journal of Japanese and International Economics*, 54: 101051.
10. Tsurumi, T., A. Imauji, and S. Managi, 2019. Relative income, community attachment and subjective well-being: Evidence from Japan, *Kyklos*, 72(1): 152-182.
11. Tsurumi, T., A. Imauji, and S. Managi, 2018. "Greenery and well-being: Assessing the monetary value of greenery by type", *Ecological Economics*, 148: 152-169.
12. Tsurumi, T. and S. Managi. 2017. Monetary Valuations of Life Conditions in a Consistent Framework: the Life Satisfaction Approach, *Journal of Happiness Studies*, 18(5): 1275-1303.
13. Abe, K., G. Ishimura, T. Tsurumi, S. Managi and U.R. Sumaila, 2017. Does Trade Openness Reduce Domestic Fishing Catch?, *Fishery Science*, 83(6): 897-906.
14. Tsurumi, T. and S. Managi. 2015. Environmental Value of Green Spaces in Japan: An Application of the Life Satisfaction Approach, *Ecological Economics*, 120: 1-12.
15. Tsurumi, T., S. Managi, and A. Hibiki. 2015. Do Environmental Regulations Increase Bilateral Trade Flows?, *The B.E. Journal of Economic Analysis and Policy*, 15(4): 1549-1577.
16. Kagohashi, K., T. Tsurumi, and S. Managi. 2015. The Effects of International Trade on Water Use, *PLOS ONE* 10(7): e0132133. doi:10.1371/journal.pone.0132133
17. Tsurumi, T. and S. Managi. 2014. The Effect of Trade Openness on Deforestation: Empirical Analysis for 142 Countries, *Environmental Economics and Policy Studies*. 16(4): 305-324.
18. Tsurumi, T. and S. Managi. 2010. Does Energy Substitution Affect Carbon Dioxide Emissions-Income Relationship? *Journal of The Japanese and International Economies*, 24(4): 540–551
19. Tsurumi, T., Managi, S. 2010. Decomposition of the Environmental Kuznets Curve: Scale, Technique, and Composition Effects, *Environmental Economics and Policy Studies* 11 (1): 19-36.

20. Managi, S., Hibiki, A. and T. Tsurumi 2009. Does Trade Openness Improve Environmental Quality? *Journal of Environmental Economics and Management* 58 (3): 346-363.
21. Tsurumi, T. and S. Managi. 2009. World Emissions and Economic Growth: Application of Nonparametric Methods. *International Journal of Global Environmental Issues* 9(1/2): 69-83.
22. Kaneko, S., S. Managi, H. Fujii, and T. Tsurumi. 2009. Does an Environmental Kuznets Curve for Waste Pollution Exist in China? *International Journal of Global Environmental Issues* 9(1/2): 4-19.
23. Managi, S., H. Kawajiri, and T. Tsurumi. 2005. Regional Economic Integration and Trade: An Empirical Evaluation of NAFTA and EU, *International Journal of Agricultural Resources, Governance and Ecology* 4 (1): 1-23.

Peer reviewed articles in Japanese (title translated into English)

1. Tsurumi, T., & Managi, S. (2025). Working hours and subjective well-being: A comparison between Finland and Japan. *Organizational Science*, 59(1), 17–28.
2. Tsurumi, T. (2024). Subjective well-being and sustainable development. *Environmental Information Science*, 53(3), 55–62.
3. Tazaki, T., Kameyama, Y., Masui, T., Takahashi, K., Tsurumi, T., Hara, K., Hotta, Y., & Koide, R. (2023). Development of sustainability science toward the Anthropocene era. *Journal of Environmental Science*, 36(2), 53–82.
4. Tsurumi, T., Yamaguchi, R., Kagohashi, K., & Managi, S. (2021). Consumption and subjective well-being under the COVID-19 pandemic. *Environmental Economics & Policy Studies*, 14(1), 66–70.
5. Kuramashi, K., Tsurumi, T., & Managi, S. (2017). Changes in the relationship between happiness and environmental awareness before and after major earthquakes. *Environmental Symbiosis*, 31, 13–21.
6. Kuramashi, K., Tsurumi, T., & Managi, S. (2014). Co-benefits of climate change countermeasures. *Environmental Symbiosis*, 25, 3–11.
7. Hibiki, S., Tsurumi, T., Managi, S., & Hanasaki, N. (2013). Empirical analysis of climate factors affecting agricultural trade. *Journal of Environmental Science*, 26(3), 278–286.
8. Kuramashi, K., Tsurumi, T., & Managi, S. (2012). Econometric analysis of happiness and willingness to pay for environmental conservation using domestic survey data. *Environmental Symbiosis*, 21, 30–37.
9. Kuramashi, K., Tsurumi, T., & Managi, S. (2011). Determinants of environmental awareness in biodiversity conservation. *Journal of Environmental Science*, 24(4), 397–

404.

10. Tsurumi, T., Managi, S., & Hibiki, S. (2010). International trade and energy use. *Environmental Economics & Policy Studies*, 3(2), 38–49.
11. Kuramashi, K., Tsurumi, T., Managi, S., & Hayashi, K. (2010). Subjective well-being indicators and environmental pollution: Econometric analysis using domestic survey data. *Journal of Environmental Science*, 23(5), 401–409.
12. Kuramashi, K., Tsurumi, T., & Managi, S. (2009). Happiness and environmental quality: Application of subjective well-being indicators. *Journal of Environmental Science*, 58, 346–363.
13. Tsurumi, T., Managi, S., & Hibiki, S. (2008). Re-examination of the Environmental Kuznets Curve hypothesis. *Planning Administration*, 31(2), 37–44.
14. Tsurumi, T., Managi, S., & Hibiki, S. (2007). International trade and environmental protection: The case of suspended particulate matter. *Mita Journal of Economics*, 100(3), 109–127.

Books / Book chapters in English:

1. Tsurumi, T., Kagohashi, K., Managi, S. 2020. How environmental ethics affect the consumption-well-being relationship: evidence for Japan, Maddison, D., Rehdanz, K. and Welsch, H. (Eds.) *Handbook on Wellbeing, Happiness and the Environment*, Edward Elgar. (chapter 20)
2. Tsurumi, T., Kong Joo, S., Imauji, A., Managi, S. 2019. Relative income, community attachment and subjective well-being: Evidence from Japan, Managi, S. (Eds.) *Wealth, Inclusive Growth, and Sustainability*, Routledge, New York, USA. (chapter 7)
3. Tsurumi, T., Managi, S. 2019. Environmental Value of Green Spaces in Japan: An Application of the Life Satisfaction Approach, Managi, S. (Eds.) *Wealth, Inclusive Growth, and Sustainability*, Routledge, New York, USA. (chapter 8)
4. Tsurumi, T., Imauji, A., Managi, S. 2019. Greenery and Well-being: Assessing the Monetary Value of Greenery by Type, Managi, S. (Eds.) *Wealth, Inclusive Growth, and Sustainability*, Routledge, New York, USA. (chapter 9)
5. Tsurumi, T., Managi, S. 2015. Environmental Kuznets Curve: Economic growth and emission reduction, Managi, S. (Eds.) *The Economics of Green Growth -New Indicators for Sustainable Societies*, Routledge, New York, USA.
6. Tsurumi, T., Mizobuchi, H., Managi, S. 2015. A monetary evaluation of life: Life satisfaction approach, Managi, S. (Eds.) *The Economics of Green Growth -New Indicators for Sustainable Societies*, Routledge, New York, USA.
7. Tsurumi, T., Kuramashi, K., Managi, S. Akao, K. 2015. Determining Future

Environmental Value: Empirical Analysis of Discounting over Time and Distance, Managi, S. (Eds.) The Routledge Handbook of Environmental Economics in Asia, Routledge, New York, USA.

8. Qi, Y., S. Managi, and T. Tsurumi. 2013. The Effectiveness of Pollution-Control Policies in China, Joyce Yanyun Man (Eds.) China's Environmental Policy and Urban Development, Lincoln Institute of Land Policy, Cambridge, MA.
9. Tsurumi, T., K. Kuramashi and S. Managi, 2012. Determinants of Happiness: Environmental Degradation and Attachment to Nature, Managi, S, (Eds.) The Economics of Biodiversity and Ecosystem Services. Routledge, New York, USA.
10. Qi, Y., S. Managi, and T. Tsurumi. 2012. Effectiveness of pollution control policies in China, book chapter, Lincoln Institute.

Books / Book chapters in Japanese (title translated into English)

1. Tsurumi, T., & Managi, S. (2023). Social issues from the perspective of happiness: Policy use of artificial intelligence. In Cutting-Edge Digital Technologies for Solving Social Problems (Ch. 6). Chuokeizai-sha. (Ed. S. Managi).
2. Tsurumi, T. (2022). Life time use and happiness during the COVID-19 pandemic. In Impacts and Policies of COVID-19: Social, Economic, and Environmental Perspectives (Ch. 9). Soseisha. (Ed. Y. Ishikawa).
3. Tsurumi, T., Fujii, H., & Managi, S. (2021). Measuring Happiness: Understanding Well-Being. Chuokeizai-sha.
4. Iwata, K., Tsurumi, T., & Managi, S. (2021). Patients' perspectives on medical AI: Household survey analysis of patient satisfaction. In Does AI Enrich Society? The Economics of Artificial Intelligence II (Ch. 5). Minerva Shobo. (Ed. S. Managi).
5. Tsurumi, T., Imauji, A., & Managi, S. (2018). Working hours, life satisfaction, and AI policy applications. In The Economics of Artificial Intelligence and Artificial Life: How Will Life, Work, and Society Change? (Ch. 11). Minerva Shobo. (Ed. S. Managi).
6. Tsurumi, T. (2015). Forestry and trade. In The Economics of Agriculture, Forestry, and Fisheries (Ch. 12). Chuokeizai-sha. (Ed. S. Managi).
7. Tsurumi, T., Kuramashi, K., & Managi, S. (2013). Happiness and environmental protection activities. In The Economics of Green Growth: New Indicators for a Sustainable Society (Ch. 6). Showado. (Ed. S. Managi).
8. Tsurumi, T., Kuramashi, K., & Managi, S. (2013). Monetary valuation of natural capital using happiness indicators. In The Economics of Green Growth: New Indicators for a Sustainable Society (Ch. 7). Showado. (Ed. S. Managi).
9. Tsurumi, T., & Managi, S. (2012). Forest resources and REDD. In The Economics of

Resources and Environment: Case Studies (Ch. 6). Showado. (Ed. S. Managi).

10. Tsurumi, T., & Managi, S. (2012). Economic growth and environment. In Environmental Economics (Ch. 10). Minerva Shobo. (Ed. E. Hosoda).
11. Kuramashi, K., Tsurumi, T., Akao, K., & Managi, S. (2011). Willingness to pay for biodiversity conservation. In The Economics of Biodiversity: Economic Valuation and Institutional Analysis (Ch. 5). Showado. (Eds. S. Managi & IGES).
12. Kuramashi, K., Tsurumi, T., & Managi, S. (2011). Happiness and willingness to pay for biodiversity conservation. In The Economics of Biodiversity: Economic Valuation and Institutional Analysis (Ch. 6). Showado. (Eds. S. Managi & IGES).

Other publication without peer review:

1. Tsurumi, T., Mizobuchi, H., Kumagai, J., & Managi, S. (2025). Determinants of happiness efficiency: From the viewpoint of Beyond GDP. RIETI Discussion Paper Series, 25-J-004.
2. Iwata, K., Morita, T., Tsurumi, T., & Managi, S. (2020). Acceptance of artificial intelligence in medical care. RIETI Discussion Paper Series, 20-J-021.
3. Tsurumi, T., & Managi, S. (2018). FY2017 Policy Research on Environmental Economics: Report on the Life Satisfaction Approach (LSA) for the Fifth Basic Environment Plan. Ministry of the Environment, Japan.
4. Tsurumi, T., & Managi, S. (2017). Working hours and life satisfaction – Evidence from a large-scale survey in Japan. RIETI Discussion Paper Series, 17-J-073.
5. Tsurumi, T., Kamatani, K., & Managi, S. (2017). FY2016 Policy Research on Environmental Economics: Report on LSA for the Fifth Basic Environment Plan. Ministry of the Environment, Japan.
6. Tsurumi, T., Kamatani, K., & Managi, S. (2016). FY2015 Policy Research on Environmental Economics: Report on LSA for the Fifth Basic Environment Plan. Ministry of the Environment, Japan.
7. Shinji, N., & Tsurumi, T. (2015). Spillover effects of environmental practices from foreign direct investment: Evidence from manufacturing firms in Vietnam. RIETI Discussion Paper Series, 15-J-057.
8. Tsurumi, T., Mizobuchi, H., Kuramashi, K., & Managi, S. (2015). FY2014 Policy Research on Environmental Economics: Report on monetary valuation of natural capital using happiness indicators. Ministry of the Environment, Japan.
9. Tsurumi, T., Mizobuchi, H., Kuramashi, K., & Managi, S. (2014). FY2013 Policy Research on Environmental Economics: Report on monetary valuation of natural capital using happiness indicators. Ministry of the Environment, Japan.

10. Tsurumi, T., Kuramashi, K., & Managi, S. (2013). FY2012 Policy Research on Environmental Economics: Report on monetary valuation of natural capital using happiness indicators. Ministry of the Environment, Japan.
11. Managi, S., Hibiki, A., & Tsurumi, T. (2008). Does trade liberalization reduce pollution emissions? RIETI Discussion Paper Series, 08-E-013.