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Tetsuya Tsurumi, Ph.D.

Faculty of Policy Studies

Nanzan University

18 Yamazato-cho, Showa-ku, Nagoya 466-8673 JAPAN

E-mail: [tsurumi\[at\]nanzan-u.ac.jp](mailto:tsurumi[at]nanzan-u.ac.jp)

Google scholar:

<https://scholar.google.com/citations?user=eTa4ixcAAAAJ&hl=ja>

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., Mizobuchi, H., Kumagai, J., Managi, S. 2026. Happiness efficiency rises with better working conditions, social support and access to nature. *Communications Sustainability*. (Forthcoming) (Refereed)
2. Tsurumi, T., Managi, S. 2025. Income and Subjective Well-Being: The Importance of Index Choice for Sustainable Economic Development, *Sustainability*, 17(12), 5266.
3. 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.
4. 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.
5. 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.

6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. Tsurumi, T., A. Imauji, and S. Managi, 2019. Relative income, community attachment and subjective well-being: Evidence from Japan, *Kyklos*, 72(1): 152-182.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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
18. 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.
19. Tsurumi, T. and S. Managi. 2010. Does Energy Substitution Affect Carbon Dioxide Emissions-Income Relationship? *Journal of The Japanese and International Economics*, 24(4): 540 – 551

20. 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.
21. Managi, S., Hibiki, A. and T. Tsurumi 2009. Does Trade Openness Improve Environmental Quality? *Journal of Environmental Economics and Management* 58 (3): 346-363.
22. 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.
23. 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.
24. 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.