

## VITA

### TAKAHASHI Takuya

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#### PERSONAL INFORMATION

Age: 61 (as of May 1, 2026)

Citizenship: Japanese

Birth year: 1965

Language proficiency: Japanese (native), English (writing, speaking, and listening), Esperanto (basic)

#### FIELDS OF SPECIALIZATION

Environmental & Resource Economics, Environmental & Resource Management, Environmental Voluntary Initiatives, Eco-certification, Sustainable Development

#### CURRENT JOB

Professor (Natural Resources Management; Corporate Environmental Management; Corporate Social Responsibility), School of Environmental Science, The University of Shiga Prefecture

#### ACADEMIC BACKGROUND (DOCTORAL STUDIES)

The University of British Columbia, Vancouver, Canada 1998-2001

Degree name: PhD (Resource Management and Environmental Studies)

Dissertation: Why Firms Participate in Environmental Voluntary Initiatives: Case Studies in Japan and Canada

Committee Co-chair: G. C. van Kooten & Ilan Vertinsky

Completion: 2001

#### ACADEMIC BACKGROUND (PREDOCTORAL STUDIES)

Kyoto University, Japan, 1983-1987

Bachelor of Agriculture, Forest Resource Management, 1987.

Kellogg Graduate School of Management, Northwestern University, USA, 1993-1995

Master of Management, 1995.

## **CREDENTIALS**

Japanese Association for Water Resources and Environment, Director, Editorial Board Member  
(Chair)

The Japanese Forest Economic Society, 2025 Fall Conference Organizing Committee (Chair)

## **RESEARCH EXPERIENCE**

Key words: natural resource management and policy, corporate environmental management and strategy, climate change, forest certification

Disciplines: natural resource and environmental economics, business strategy, policy studies

## **FELLOWSHIPS AND AWARDS**

The Japanese Forest Economic Society Award (Academic Award) 2025 March

“Societal evaluation of forest ecosystem services and forest well-being”

Kurata Grant from the Hitachi Global Foundation,

2025-2026. “Environmental impacts of Hitachi and Besshi Copper mines in the early modern and modern eras: how were science and technology utilized?”

Roux, J-L, ..., Takahashi, T.,... (2023) ISDRS Best Sustainable Development Article Award 2022, International Sustainable Development Research Society.

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),

2023-2026. “Re-spiritualization of interactions with nature: What roles can spirituality play?”

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),

2021-2023. “Implementation of payment for ecosystem services (PES) for forests”

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (B),

2020-2023. “Statistical analysis on the increase in forests with unknown owners or borders”

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (B),

2015-2018. “Socially-supported forest management”

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),

2012-2014. “Multi-functional, consensus-based, long-term forest management”

Understanding Canada Faculty Research Program from the Government of Canada, 2011.

Grants-in-Aid for Scientific Research from Japan Society for the Promotion of Science (C),

2009-2011.

The University of British Columbia, University Graduate Student Fellowship, 1999-2001.

The University of British Columbia, The Centre for Japanese Research, Thesis Grant, 1998-2000.

## **SELECTED PRESENTATIONS**

Takahashi, T. and Inoue, K. (2025) Spatial and quantitative analysis of historical pollution incidents: sulfur dioxide emissions from copper smelting during Japan's modernization era. The 5<sup>th</sup> International Conference on Tropical Silviculture 2025: Forestry and Environmental Forensics. Bogor, Indonesia, August 21, 2025.

Takahashi, T., Matsushita, K., Sato, N., Takamura, G. and Yamashita, U. (2025) Modernization of forest commons during the six decades in Japan: Iriai forests and fields from industrialization era to post-industrialization era. The 20th Biennial Conference of the International Association for the Study of the Commons, Amherst, Massachusetts, U.S.A, June 16-20, 2025.

Takahashi, T. (2025) Japanese forest commons cultivate shared purpose by discovering new value: A variation in the pattern of commoning. The 20th Biennial Conference of the International Association for the Study of the Commons, Amherst, Massachusetts, U.S.A, June 16-20, 2025.

Takahashi, T., Hori, Y., Otsuka, I., Shibata, S. and Tsuge, T. (2024) Innovativeness of Japanese forest owners/municipalities on nature service marketing, Kansai University (Umeda Campus) , ISPIM (International Society for Professional Innovation Management) Connects Osaka, December 2-4, 2024.

Takahashi, T., Y. Hori, I. Otsuka, S. Shibata, and T. Tsuge (2023) Innovativeness of Japanese forest owners and municipalities regarding the valorization of forest ecosystem services, Fourth International Conference on New Frontiers of Forest Economics (neFFE), Germany (Dresden), September 25-27, 2023.

Takahashi, T., Hayashi, T., Matsushita, K. (2021) Divide and protect: historical development of Japanese Wariyama scheme. International Association for the Study of Commons 2021, Forest Commons, online, 2021-9-13~17.

Takahashi, T., Y. Kagotani, T. Takada and T. Irie (2021) Fieldwork goes online: A case of “Wood and Life.” The 4th University of Santo Tomas and University of Shiga Prefecture Joint Symposium, online, 2021-3-4.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2021) Factors affecting forest-related subjective well-being: A case study in the upper Yasu River watershed, Shiga Prefecture, Japan. The

4th University of Santo Tomas and University of Shiga Prefecture Joint Symposium, online, 2021-3-5.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2020) Subjective well-being related to forests and common forests in the era of post-development: A potential policy indicator for industrialized and developing countries. IASC (International Association for the Study of the Commons) - RIHN (Research Institute for Humanity and Nature) Online Workshop on Commons, Post-Development and Degrowth in Asia, Session 5 Good Life, On-line, 2020-7-22

Takahashi, T. (2019) "Evidence Statements - Japan," SINCERE (Spurring INnovations for forest eCosystem sERVICES in Europe) Learning Lab, Stream 2 (Cultural and spiritual forest ecosystem services from an Asian and a European perspective), Prague, Czech Republic, 2019-10-14.

Takahashi, T., Y. Uchida, H. Ishibashi and N. Okuda (2019) "How does forest ownership influence forest-related subjective well-being? A case study in the upper Yasu River watershed, Shiga Prefecture, Japan". Society for Environmental Economics and Policy Studies 24th Annual Conference, Fukushima University, Fukushima, 2019-9-28.

Takuya Takahashi, Koji Matsushita, and Toshiaki Nishimura (2019) Community actions against anti-commons in contemporary Japan: Case studies of former commons forests. IASC (The International Association for the Study of the Commons) 2019, 2019-7-5.

#### **SELECTED RESEARCH PAPERS**

Takahashi, T., Inoue, K. (2025) Spatial and quantitative analysis of historical pollution incidents: Sulfur dioxide emissions from copper smelting during Japan's modernization era. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan (JPSL) (Journal of Natural Resources and Environmental Management)* (IPB University), 15(6), 1051-1059.

de Jong, Wil, ... Takahashi, T., ..., (2024) 'Forest flickers of history. Early modern woodland restoration and how it shapes postmodern options', in Pia Katila, and others (eds), *Restoring Forests and Trees for Sustainable Development: Policies, Practices, Impacts, and Ways Forward* (New York, NY, 2024; online edn, Oxford Academic, 6 Sept. 2024)

Takahashi, T., Hori, Y., Otsuka, I., Shibata, S., Tsuge, T. (2024) Innovativeness of Japanese forest owners and municipalities regarding the valorization of forest ecosystem services: Quantitative evaluation of mutual influences. *Forest Policy and Economics* 166, 103269.

<https://doi.org/10.1016/j.forpol.2024.103269>

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2023) Nature and happiness levels: New SWB domains for rivers, a lake, and forests. In Jasneeth Mullings et al. (eds.) *Well-Being Across the Globe - New Perspectives - Concepts, Correlates and Geography*, IntechOpen. doi: 10.5772/intechopen.109862

Efi Yuliati Yovi, Dalia Abbas & Takuya Takahashi (2022) Safety climate and risk perception of forestry workers: a case study of motor-manual tree felling in Indonesia, *International Journal of Occupational Safety and Ergonomics*, 28:4, 2193-2201

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2022) Effects of forests and forest-related activities on the subjective well-being of residents in a Japanese watershed: An econometric analysis through the capability approach. *Forest Policy and Economics*, 139(June), 102723.

Jong, W. De, Urushima, A.F., Jacquet, B., Takahashi, T. (2022) Cedars of the North Mountains: Historical forest culture and practices in modern day nature policies. *International Forestry Review* 24, 380–392. <https://doi.org/10.1505/146554822835941896>

Jeanne-Lazya Roux, Agata Konczal, Andreas Bernasconi, Shonil Bhagwat, Rik De Vreese, Ilaria Doimo, Valentino Marini Govigli, Jan Kašpar, Ryo Kohsaka, Davide Pettenella, Tobias Plieninger, Zahed Shakeri, Shingo Shibata, Kalliopi Stara, Takuya Takahashi, Mario Torralba, Liisa Tyrväinen, Gerhard Weiss, Georg Winkel (2022) Exploring evolving spiritual values of forests in Europe and Asia: a transition hypothesis toward re-spiritualizing forests, *Ecology and Society*, 27(4), Article 20.

Takahashi, T., Asano, S., Uchida, Y., Takemura, K., Fukushima, S., Matsushita, K., Okuda, N. (2022) “Effects of forests and forest-related activities on the subjective well-being of residents in a Japanese watershed: An econometric analysis through the capability approach” *Forest Policy and Economics*, 139(June), 2022. DOI: 10.1016/j.forpol.2022.102723

Takahashi, T., Y. Uchida, H. Ishibashi & N. Okuda (2022) “What factors are related with the levels of forest owner's forest-related subjective well-being (SWB)? Statistical analysis of a questionnaire survey in the upper watershed of Yasu River, Shiga Prefecture” (In Japanese) *Journal of the Japanese Forest Society*, 104(1), 39-43, 2022.

DOI: 10.4005/jjfs.104.39

Takahashi, T., Tsuge, T., Shibata, S. (2022) “Innovativeness of Japanese forest owners regarding the monetization of forest ecosystem services” *Sustainability*, 14, 2119.

Takahashi, T. & Tanaka, K. (2021) “Models explaining the levels of forest environmental taxes and other PES schemes in Japan” *Forests*, 12, no. 6: 685.

Takahashi, T., de Jong, W., Kakizawa, H., Kawase, M., Matsushita, K., Sato, N., Takayanagi, A. (2021) New frontiers in Japanese forest policy: Addressing ecosystem disservices in the 21st century” (with) *Ambio*, 50, 2272–2285.

Takahashi, T., Y. Uchida, H. Ishibashi & N. Okuda (2021) Factors affecting forest-related subjective well-being: A case study in the upper Yasu river watershed, Shiga Prefecture, Japan (In Japanese) *Journal of the Japanese Forest Society*, 103(2), 122-133.

DOI: 10.4005/jjfs.103.122

Takahashi, T., Y. Uchida, H. Ishibashi & N. Okuda (2021) Subjective well-being as a potential policy indicator in the context of urbanization and forest restoration. *Sustainability*, 13(6):3211.

DOI: 10.3390/su13063211

Takahashi, T., K. Matsushita & T. Nishimura (2021) Community actions against anticommons of forests in contemporary Japan: case studies of former common forests” *Journal of Forest Research*, 26(1), 68–74. DOI: 10.1080/13416979.2020.1834715

Takahashi, T., Matsushita, K., Yoshida, Y., Senda, T. (2019) Impacts of 150 years of modernization policies on the management of common forests in Japan: A statistical analysis of micro census data. *International Journal of the Commons* 13, 1021–1034. <https://doi.org/10.5334/ijc.936>

## **ASSOCIATIONS**

Society of Environmental Economics and Policy Studies (Japan)

Center for Environmental Information Science (Japan)

The Japanese Forest Economic Society

Japanese Association for Water Resources and Environment

The Japanese Forest Society

The Association for Regional Agricultural and Forestry Economics