

CURRICULUM VITAE

Ken-Ichi Akao

Professor

School of Social Sciences, Waseda University

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Research Interests

Environmental and resource economics

Intergenerational equity and sustainability

Economic dynamics

Academic Positions

Professor, School of Social Sciences, Waseda University

2002–present

Associate Professor, School of Social Sciences, Waseda University

1997–2002

Lecturer, School of Social Sciences, Waseda University

1995–1997

Assistant Professor, Department of Forestry, Kyoto University

1990–1995

Postdoctoral Fellow, Japan Society for the Promotion of Science

1989–1990

Visiting Positions

Visiting Professor, Institute of Economic Research, Kyoto University

2008

Visiting Scholar, Department of Agricultural and Resource Economics,
University of California, Davis

2002–2004

Part-time Lecturer, Faculty of Agriculture, University of Tokyo

1997–2015

Professional Service

Director, Waseda Institute for Advanced Study, Waseda University

2022–2024

President, Asian Association of Environmental and Resource Economics

2023–2025

Director and Secretary, Asian Association of Environmental and Resource Economics

2021–2023

Director, East Asian Association of Environmental and Resource Economics

2012–2014

President, Society for Environmental Economics and Policy Studies

2016–2018

Board Member, Society for Environmental Economics and Policy Studies

2006–2012, 2014–2020, 2022-present

Editorial Service

Environmental Economics and Policy Studies

Chief Managing Editor, 2014–2018

Co-Editor, 2010–2014, 2018–2026/3

Climate Change Economics, Editorial Board (2026-present)

International Review of Environmental and Resource Economics,

Editorial Board (2021-present)

Chinese Journal of Population Resources and Environment, Editorial Board (2020-present)

Referee Service (selected)

American Journal of Agricultural Economics

Ecological Economics

Environmental and Resource Economics

Journal of Economic Dynamics and Control

Journal of Economic Theory

Journal of Mathematical Economics

Journal of Public Economic Theory

Journal of Optimization Theory and Applications

International Journal of Economic Theory

Journal of Public Economic Theory

Resource and Energy Economics

Education

Ph.D., Forestry, Kyoto University, 1993
 Graduate Program in Forestry, Kyoto University
 1984–1989
 B.A., Forestry, Kyoto University
 1984

Selected Publications

Akao, K.-I. (2025).

[“The monotonic path and its value loss when an optimal path is non-monotonic.”](#)

Communications in Optimization Theory.

Akao, K.-I. (2025).

[“Intergenerational Altruism and Intergenerational Equity: The Source of Emissions Gap.”](#)

In Akao & Washizu (eds.), *Climate Change Issues and Social Sciences*. Springer.

Akao, K.-I., Kamihigashi, T., & Nishimura, K. (2025).

[“Critical capital stock in a continuous-time growth model with a convex-concave production function.”](#)

Journal of Mathematical Economics.

Akao, K.-I., Ishii, H., Kamihigashi, T., & Nishimura, K. (2022).

[“Existence of an optimal path in a continuous-time nonconcave Ramsey model.”](#)

Pure and Applied Functional Analysis.

Akao, K.-I. (2022).

[“Sustainable Development: Controversies and Theoretical Results in Economics.”](#)

In Urata et al. (eds.), *Sustainable Development Disciplines for Society*. Springer.

Akao, K.-I., & Sakamoto, H. (2018).

[“A Theory of Disasters and Long-run Growth.”](#)

Journal of Economic Dynamics and Control.

Farzin, Y. H., & Akao, K.-I. (2015).

[“Poverty, social preference for employment, and natural resource depletion.”](#)

Environmental Economics and Policy Studies.

Akao, K.-I. (2014).

[“Preference constraint for sustainable development.”](#)

Environmental Economics and Policy Studies.

Akao, K.-I., & Managi, S. (2013).

[“A tradable permit system in an intertemporal economy.”](#)

Environmental and Resource Economics.

Akao, K.-I., Mitra, T., & Sorger, G. (2012).

[“Some rationalizability results for dynamic games.”](#)

International Journal of Economic Theory.

Akao, K.-I. (2008)

[“Tax schemes in a class of differential games.”](#)

Economic Theory.

Akao, K.-I., & Managi, S. (2007)

[“Feasibility and optimality of sustainable growth under materials balance.”](#)

Journal of Economic Dynamics and Control.

Books and Edited Volumes

Akao, K.-I., & Washizu, A. (2025).

[*Climate Change Issues and Social Sciences: Towards a Carbon Neutral Society.*](#) Springer.

Lee, S., Zhang, S., Hong, J. H., Nabangchang-Srisawalak, O., Akao, K.-I., & Resosudarmo, B. P. (2024).

[*Energy Transitions and Climate Change Issues in Asia.*](#) Springer.

Urata, S., Akao, K.-I., & Washizu, A. (2023).

[*Sustainable Development Disciplines for Society.*](#) Springer.

Working Papers

Akao, K.-I., & Bartolini, S. (2026).

[“Economic growth and social crisis: explaining the American paradox.”](#)

DEPS Working Paper No. 941/2026, University of Siena