

Curriculum Vitae

June, 2021



NAME: Kenji YAMAJI

DATE and PLACE of BIRTH : February 25, 1950; Kagawa, Japan

CURRENT POSITION:

President/Director-General, Research Institute of Innovative Technology for the Earth (RITE)

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EDUCATION and DEGREES:

1972: B. Eng. (Nuclear Engineering), The University of Tokyo

1974: M. Eng. (Nuclear Engineering), The University of Tokyo

1977: Doctor of Engineering, The University of Tokyo

PROFESSIONAL CAREER:

1977-83: Research Engineer, Techno-Economics Department, Economic Research Center, Central Research Institute of Electric Power Industry (CRIEPI)

1981-82: Visiting Researcher, Energy Analysis and Environment Division, Electric Power Research Institute (EPRI), USA

1983-87: Senior Research Engineer, Energy Systems Section, Economic Research Center, CRIEPI

1987-91: Manager, Energy Systems Section, Economic Research Center, CRIEPI

1991-93: Visiting Associate Professor, Global Environmental Engineering Laboratory, The University of Tokyo

1991-94: Research Fellow, Socioeconomic Research Center, CRIEPI

1992-95: Director, Technical Program Committee, WEC Tokyo Congress Organizing Committee

1994-99: Professor, Department of Electrical Engineering, School of Engineering, The University of Tokyo

1999-2005: Professor, Department of Advanced Energy, School of Frontier Sciences, The University of Tokyo

1999-2001: Head, Department of Advanced Energy, School of Frontier Sciences, The University of Tokyo

1999-2011: Council Member and Vice Chair, International Institute for Applied Systems Analysis (IIASA), Austria; **2011-present:** IIASA Honorary Scholar

1999-2008: Chairman, Green Power Certification Council, Japan

2005-2008: Professor, Department of Electrical Engineering, School of Engineering, The University of Tokyo

2005-2007: Head, Department of Electrical Engineering, School of Engineering, The University of

Tokyo

2005-2014: Council Member, Science Council of Japan

2008-2010: Professor, Department of Electrical Engineering and Information Systems, School of Engineering, The University of Tokyo

2008-2010: Chairman, Green Energy Certification Center, Japan

2009-2017: Research Supervisor, Japan Science and Technology Agency (JST)

2010-2019: Director-General, Research Institute of Innovative Technology for the Earth (RITE)

2010-present: Professor Emeritus, The University of Tokyo

2013-2015: Visiting Professor, Ritsumeikan University

2019-2021: Senior Vice President and Director-General, Research Institute of Innovative Technology for the Earth (RITE)

2021-present: President and Director-General, Research Institute of Innovative Technology for the Earth (RITE)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

Atomic Energy Society of Japan,

International Association for Energy Economics

Japan Society of Energy and Resources (Honorary Member, Former President)

Institute of Electrical Engineers of Japan

Japan Institute of Energy (Former President)

ACADEMIC FIELD:

Energy Systems Engineering

SELECTED PAPERS/BOOKS:

K. Yamaji: Energy-Environment-Economic Systems Theory, Iwanami Shoten (2006) (in Japanese)

H. Yamamoto, J. Fujino and K. Yamaji: Evaluation of bioenergy potential with a multi-regional global-land-use-and-energy model, Biomass and Bioenergy, Vol.21, pp.185-203 (2001)

K. Yamaji, J. Fujino, and K. Osada: Global energy system to maintain atmospheric CO₂ concentration at 550ppm, Environmental Economics and Policy Studies, Vo.3, No.2, pp.159-171 (2000)

K. Yamaji, R. Matsushashi, Y. Nagata, Y. Kaya: A Study on Economic Measures for CO₂ Reduction in Japan", Energy Policy, 21, 2, pp.123-132, February (1993)

OTHER INFORMATION on PUBLICATIONS:

- more than 100 peer reviewed academic papers
- more than 100 papers in international conferences
- more than 90 books including seven single authored books
- Lead Author for 3rd and 4th assessment reports of IPCC