

## Curriculum Vitae

March, 2024

**NAME: Kenji YAMAJI**

**DATE and PLACE of BIRTH :** February25, 1950; Kagawa, Japan

### **CURRENT POSITION:**

President, Research Institute of Innovative Technology for the Earth (RITE)

### **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

**2016-2021:** President, Geological Carbon Dioxide Storage Technology Research Association

**2018-present:** Chairman, J-Credit Scheme Steering Committee

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

**2020-present:** Program Director, Moonshot Goal 4, Moonshot Research and Development Program

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

#### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

Atomic Energy Society of Japan,

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

Institute of Electrical Engineers of Japan

Japan Institute of Energy (Honorary Member, 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 CO<sub>2</sub> concentration at 550ppm, Environmental Economics and Policy Studies, Vo.3, No.2, pp.159-171 (2000)

K. Yamaji, R. Matsuhashi, Y. Nagata, Y. Kaya: A Study on Economic Measures for CO<sub>2</sub> 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 ten single authored books
- Lead Author for 3<sup>rd</sup> and 4<sup>th</sup> assessment reports of IPCC