

Akimoto Keigo

Position/Department/Division/Institution/Organization

Group Leader of Systems Analysis Group, Chief Researcher, Research Institute of Innovative Technology for the Earth (RITE)

Country

Japan

Career history

Keigo Akimoto was born in 1970. He received Ph.D. degree from Yokohama National University in 1999. He joined Research Institute of Innovative Technology for the Earth (RITE) to work with the Systems Analysis Group in 1999, was a senior researcher in 2003 and the Leader of the Systems Analysis Group and an associate chief researcher at RITE in 2007. Currently he is the Leader of the Group and a chief researcher at RITE.

He was a guest researcher at IIASA in 2006. He was a guest professor, Graduate School of Arts and Sciences, the University of Tokyo between April 2010 and March 2015.

He was a Lead Author for the Fifth Assessment Report of IPCC WG3.

He is an associate member at the Science Council of Japan, and a member for several advisory bodies on energy and environmental policy for Japanese government including Strategic policy committee, Advisory committee for natural resources and energy; Global environment subcommittee, Industrial structure council; and Climate change impact assessment subcommittee, Central environment council.

Awards/Publications

Peccei Award from International Institute for Applied Systems Analysis (IIASA), Austria in 1997

- K. Akimoto, F. Sano, B. Shoai Tehrani, The analyses on the economic costs for achieving the nationally determined contributions and the expected global emission pathways, *Evolutionary and Institutional Economics Review*, 14(1), 193–206, 2017

- D. Victor, K. Akimoto, D. Cullenward, C. Hepburn, Y. Kaya, M. Yamaguchi, Prove Paris was more than paper promises, *Nature*, 548, pp. 25-27, 2017

- K. Akimoto, F. Sano, T. Tomoda, GHG emission pathways until 2300 for the 1.5 °C temperature rise target and the mitigation costs achieving the pathways, *Mitigation and Adaptation Strategies for Global Change*, 23(6), 2018

Areas of expertise

His expertise is in modeling and analysis of energy systems and climate change mitigation policies and measures.