

NIKI Shigeru

Director General,
Sustainable Energy Unit, Technology Strategy Center,
New Energy and Industrial Technology Development Organization (NEDO)

Nationality

Japanese

Career History

Dr. Shigeru Niki received his Ph. D. degree from University of California, San Diego in 1991. He is currently the Director General of Sustainable Energy Unit, Technology Strategy Center, New Energy and Industrial Technology Development Organization (NEDO). He is also a Emeritus Researcher at National Institute of Advanced Industrial Science and Technology (AIST) and is working as a guest professor at Yamagata Univ., Gifu Univ. and Kagoshima Univ.

He joined Electrotechnical Laboratory (ETL) in Apr. 1991, and started his career in the area of photovoltaics.

ETL was reorganized to AIST in 2001.

He became the Deputy Director of the Research Center for Photovoltaics in 2004 and became the Director of the Research Center for Photovoltaic Technologies in 2013, and became the Director of Renewable Energy Research Center in 2015.

He moved to NEDO in Feb. 2019, since then he is engaged in the development of technology strategies in various energy-related fields.

Awards / Publications

He has published more than 250 papers in various scientific journals, and received various awards including a PVSEC Special Award in 2022.

Areas of expertise

Energy technologies including photovoltaics, wind power, geothermal, energy storages and carriers,
etc. Semiconductor physics and devices