

Naohiro Yoshida; curriculum vitae as of 30th Oct, 2015

Present position and function:

Professor and Chair of the Dept. of Environmental Chemistry and Engineering, Tokyo Institute of Technology
 Professor of the Dept. of Environmental Science and Technology, Tokyo Institute of Technology
 Principal Investigator of the Earth-Life Science Institute, WPI, Tokyo Institute of Technology
 Vice Director of Inter-Departmental Organization for Environment and Energy, Tokyo Institute of Technology
 A core faculty member of ACEEES, a Selected Leading Graduate School, Tokyo Institute of Technology
 Science Steering Committee Member of Japan Society for the Promotion of Science
 Past President of the Geochemical Society of Japan
 President of the International Symposium on Isotopomers
 Science Advisory Panel of GEO-6, United Nations Environmental Programme

Education:

1984 D. Sc.: Dept. of Chemistry, Graduate School of Science and Engineering, Tokyo Institute of Technology, D. Sc. thesis : Nitrogen isotope studies on the geochemical cycle of nitrous oxide. pp. 184. (Tokyo Institute of Technology, March, 1984)
 1980 M. Sc.: Dept. of Chemistry, Graduate School of Science and Engineering, Tokyo Institute of Technology
 1978 B. Sc.: Dept. of Chemistry, School of Science, Tokyo Institute of Technology

Position held since graduation:

2012-present: Principal Investigator, Earth-Life Science Institute, WPI, Tokyo Institute of Technology
 2011-2014: Assistant Vice President of Tokyo Institute of Technology
 Vice Director of the Research Strategy Office, Tokyo Institute of Technology,
 Vice Director of the Research Administrative Center, Tokyo Institute of Technology,
 2007-present: Prof., Dept. of Environmental Chemistry and Engineering, and also Dept. of Environmental Science and Technology, Tokyo Institute of Technology
 2002-2007: Prof., Environmental Division, Frontier Collaborative Research Center, Tokyo Institute of Technology
 1998-2002: Prof., Dept. of Environmental Science and Technology, and also Dept. of Environmental Chemistry and Engineering, Tokyo Institute of Technology
 1994-1998: Assoc. Prof., Institute of Hydrospheric-Atmospheric Sciences, Nagoya Univ.
 1993-1994: Assoc. Prof., Dept. of Environmental Biology & Chemistry, Toyama Univ.
 1984-1993: Assist. Prof., Dept. of Earth Sciences, Toyama Univ.
 1983-1984: Postdoctoral Fellow, Mitsubishi-Kagaku Institute of Life Sciences

Science Council Member, Science Advisory Board, PO of a Funding Agency and PI of Largest Scientific Projects:

2015-present: Science Advisory Panel of GEO-6, United Nations Environmental Programme
 2013-present: Science Steering Committee member of Japan Society for the Promotion of Science
 2012-2013: President of the Geochemical Society of Japan
 2010-2011: Vice president of the Geochemical Society of Japan
 2009-present: External Review Committee Member of Japan Agency for Marine-Earth Science and Technology
 2009-present: External Review Committee Member of National Institute for Environmental Studies
 2007-2013: External Advisory Board Member of INTRAMIF, Mary Curie Initial Training Networks, European Science Foundation
 2006-present: Member of the Environment, Chemistry, and Earth Science Division, Science Council of Japan
 2004-2015: External Advisory Board Member of Research Institute for Sustainable Humamosphere, Kyoto University

2004-2013: Sub Leader of the 21st Century and Global, Center of Excellence, Program for the Earth at the Ministry of Education, Culture, Sports, Science, and Technology, Japan.
 2004-2007: Program Officer at Japan Society for Promotion of Science, JSPS.
 2002-present: Science Steering Committee of ice core at National Institute of Polar Research
 2002-2007: Research Director of SORST (Solution Oriented Research for Science and Technology) project on isotopomers, Japan Science & Technology Agency, JST
 1996-2001: Research Director of CREST (Core Research for Evolution of Science and Technology) project on isotopomers, JST

Chair, host and the initiator of the international conferences:

2000-present: International Symposium on Isotopomers, a biannual scientific meeting co-organized by JST, IAEA (International Atomic Energy Agency), and EC (European Commission)
 2002-2008: Science Program Committee of Japan Geoscience Union, and a Chair in 2004
 2000-2001: Host for UNESCO IHP Training Course on Isotope Hydrology 2001

Editor of the International Scientific Journals:

2004-2008: Editor of Geophysical Research Letters, American Geophysical Union
 2000-2010: Editor of Atmospheric Chemistry and Physics, European Geosciences Union
 1998-2003: Associate Editor of Geochemical Journal

Membership of academic societies:

American Geophysical Union
 European Geosciences Union
 Japanese Geoscience Union
 The Geochemical Society of Japan
 The Oceanographic Society of Japan
 The Meteorological Society of Japan
 The Japan Society of Analytical Chemistry

Guest lecturer

The University of Wroclaw, Massachusetts Institute of Technology, EMPA Zurich, Nagoya Univ., Toyama Univ., Kyoto Univ., Shizuoka Univ., Shizuoka Univ. of Technology, Keio Univ. Hokkaido Univ., Tokyo Univ. of Agriculture and Technology

Awards

2009 Geochemical Society of Japan Award
 2005 Nissan Science Award
 2003 Special Technology Award: Suga Weathering Technology Foundation
 2001 Global Environmental Technology Award: Nihon Keizai Shinbun Inc.

Short Biography

Prof. Naohiro Yoshida was born in Sept., 1954. He received the Doctor of Science in Chemistry from Tokyo Institute of Technology in 1984. He was with Mitsubishi-Kagaku Institute of Life Sciences, Toyama Univ., Nagoya Univ., and has been a full professor in charge of two environmental Departments of Tokyo Institute of Technology since 1998 when he was 43 years old and also a Principal Investigator at the Earth-Life Science Institute. He is now a Vice Director of Inter-Departmental Organization for Environment and Energy, a core faculty of the MEXT selected leading graduate school of the Univ., a Vice president of Geochemical Society of Japan, and President of the International Symposium on Isotopomers.

He is one of the world leading scientists in the field of global environmental analysis. He introduced the 'isotopomers; isotopic substituted molecules' as the powerful tracers to help reduce uncertainties regarding the biological, chemical, physical, and anthropogenic source and sink processes of environmental molecules especially global warming related species. He has published over 210 papers including 8 published in Nature and Science, 14 patents, 30 book chapters, edited 6 books, been invited for keynote and/or invited talks by a

number of international scientific meetings. He was recently elected as a Science Advisory Panel of GEO-6, United Nations Environmental Programme of 30 representatives from the world among 800 candidates.

He has conducted many national projects including JST/CREST (1996-2001) and SORST (2002-2007) projects funded by MEXT and MOE, Japan He served as a member of the Science Council of Japan in 2006-2008 and as a program officer (2004-2008) and a science committee member (2013-present) at Japan Society for Promotion of Science. He has handled ca. 1500 excellent quality papers as an editor of Geophys. Res. Lett. at American Geophysical Union (2004-2008) and Atmospheric Chemistry and Physics, European Geosciences Union (2000-2010).

Researcher ID: A-8335-2010, ORCID: <http://orcid.org/0000-0003-0454-3849>

Selected papers are shown as the numbers in red in the list of peer reviewed papers;

He has published over 210 papers in high impact scientific journals including 8 in Nature and Science. Selected papers are shown as the numbers in red in the list of peer reviewed papers;