

Full Council Member

Fields of Expertise:

Nuclear Energy Policy, Nuclear Safety and Security

Prof. Tomihiro Taniguchi

Senior Advisor, Science and Technology in Society (STS) *forum*

Tokyo Institute of Technology



Date of Birth: November 3, 1943

Professional Experience

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| 2015 – present | Senior Advisor, STS <i>forum</i> |
| 2011 – 2015 | Executive Director, Science and Technology in Society (STS) <i>forum</i> |
| 2011 – present | Professor, Tokyo Institute of Technology |
| 2001 – 2010 | Deputy Director General & Head of Department, Nuclear Safety, International Atomic Energy Agency (IAEA) |
| 1998 – 2001 | Visiting Professor, The University of Tokyo |
| 1998 | Vice Chair, Intergovernmental Panel on Climate Change (IPCC) |
| 1993 – 1996 | Director, Oil Markets and Emergency Preparedness, International Energy Agency (IEA) |
| 1993 – 1998 | Deputy Director General, MITI |
| 1986 – 1993 | Deputy Director, S&T and Industry, Organisation for Economic Co-Operation and Development (OECD) |
| 1981 – 1992 | Manager, Nuclear Policy, Ministry of International Trade and Industry (MITI) |

Special Assignments

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| 2005 | Part of IAEA that won the Nobel Peace Prize in 2005 |
| 2007 | Part of IPCC group that won the Nobel Peace Prize in 2007 |

About Science and Technology in Society (STS) forum

The explosive progress of science and technology up to the 20th century brought prosperity and enriched the quality of life for much of mankind. However, the advance of science and technology raises important ethical, safety and environmental issues: possible negative applications are threatening mankind's own future. Since progress in science and technology is expected to accelerate and will be necessary for sustainable human development in the 21st century, wisdom must be exercised to keep it under proper control.

The Science and Technology in Society (STS) *forum* aims to provide a new mechanism for open discussions on an informal basis, and to build a human network that would, in time, resolve the new types of problems stemming from the application of science and technology. The *forum* community will also explore the opportunities arising from science and technology, and address how to remove the barriers to using science and technology to solve the problems facing humankind.

The STS *forum* members are expected to participate, not as representatives of their country or organization, but as individuals expressing their own views. This *forum* is not necessarily a platform for specialists to unilaterally convey their knowledge, but rather an opportunity for real dialogue among peers. Participants should also undertake cross-border activities towards the establishment of shared values and commitment for the future.