

Curriculum Vitae : Kiyoto TANABE

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Head, Technical Support Unit (TSU) of the IPCC Task Force on
National Greenhouse Gas Inventories (IPCC TFI),
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A. Professional Preparation

- Master of Science (Geophysics), University of Tokyo (Tokyo, Japan, March 1993)
- Completed the course of Mass-Communication Research, University of Tokyo (Institute of Socio-Information and Communication Studies) (Tokyo, Japan, March 1992)
- Bachelor of Science (Geophysics), University of Tokyo (Tokyo, Japan, March 1991)

B. Appointments

- April 2013 – Present: Head, Technical Support Unit (TSU) of the IPCC Task Force on National Greenhouse Gas Inventories (IPCC TFI)
- April 2013 – Present: Principal Researcher, Institute for Global Environmental Strategies (IGES)
- January 2014 – Present: Member of UNFCCC Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention (CGE) [as a member from IPCC]
- September 2014– Present: Member of Methods and Guidance Document (MGD) Advisory Group of Global Forest Observations Initiative (GFOI)
- May 2013 – Present: Member of Advisory Committee for the Global Protocol for Community-Scale Greenhouse Gas Emissions (GPC) by WRI, C40 and ICLEI
- December 2012 – Present: Member of the Advisory Board for the annual Workshop on Greenhouse Gas Inventories in Asia (WGIA) organized by National Institute for Environmental Studies (NIES) and the Ministry of the Environment of Japan
- July 2015 – Present: Member of Advisory Committee on Mitigation of Climate Change in the post-2020 framework under the Ministry of the Environment of Japan
- May 2011 – March 2015: Member of Advisory Committee on Local Carbon Registry project by ICLEI Japan
- January 2010 – December 2013: Member of UNFCCC Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention (CGE) [as a member from Japan]
- September 1999 – March 2013: Programme Officer, Technical Support Unit (TSU) of the IPCC Task Force on National Greenhouse Gas Inventories (IPCC TFI)
- April 2012 – March 2013: Senior Fellow, Institute for Global Environmental Strategies (IGES)
- April 1999 – March 2012: Consultant (equivalent to Research Fellow), Institute for Global Environmental Strategies (IGES)
- June 2007 – September 2011: Researcher, Greenhouse Gas Inventory Office, Center for Global Environmental Research, National Institute for Environmental Studies (NIES/CGER/GIO)
- January 1999 – February 1999: Unpaid Consultant Category II with Environment Directorate (Secondment from the Government of Japan), Organisation for Economic Co-Operation and Development (OECD) Paris, France
- April 1993 – March 2002: Analyst, Sanwa Research Institute Corporation, Tokyo, Japan

C. Major Publications (selected)

- IPCC (2014), 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands, Hiraishi, T., Krug, T., Tanabe, K., Srivastava, N., Baasansuren, J., Fukuda, M. and Troxler, T.G. (eds). Published: IPCC, Switzerland.
- IPCC (2014), 2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol, Hiraishi, T., Krug, T., Tanabe, K., Srivastava, N., Baasansuren, J., Fukuda, M. and Troxler, T.G. (eds) Published: IPCC, Switzerland.
- Tanabe K. (2011), Assistance for development and improvement of national greenhouse gas inventories, Kikan Kankyo Kenkyu, published by the Hitachi Environment Foundation. Available only in Japanese.
- Institute for Global Environmental Strategies (IGES) (2010), Measurable, Reportable and Verifiable (MRV): Trends and Development in Climate Change Negotiations. Chapter 3 “Greenhouse Gas Inventories”
- Tanabe K. (2008), “What is carbon-offsetting?” as a chapter in the publication by National Institute for Environmental Studies (NIES) titled “Koko-ga-shiritai Chikyu-Ondanka (Q&As about climate change issues)” available only in Japanese.
- Ministry of the Environment of Japan 2007, What’s an Emission Inventory, as a co-author. (http://www.adorc.gr.jp/wei_doc/emissioneng.pdf)
- IPCC (2006), 2006 IPCC Guidelines for National Greenhouse Gas Inventories, Prepared by the National Greenhouse Gas Inventories Programme, Eggleston H.S., Buendia L., Miwa K., Ngara T. and Tanabe K. (eds). Published: IGES, Japan.
- IPCC (2003). Good Practice Guidance for Land Use, land-Use Change and Forestry. Penman, J., Gytarsky, M., Hiraishi, T., Kruger, D., Pipatti, R., Buendia, L., Miwa, K., Ngara, T., Tanabe, K. and Wagner, F. (Eds). Intergovernmental Panel on Climate Change (IPCC), IPCC/IGES, Hayama, Japan.
- Matsuo N., Nishioka S., Ninomiya, Y., Watanabe R., Sato M. and Tanabe K. (2002), A Proposal of Domestic Policies and Measures Portfolio to Address Climate Change Mitigation in Japan - Strategic Institutional Design for Entities to Enhance their Capacities in Business under the Carbon Constrained World. Published by IGES, Japan (Available only in Japanese. A summary is available in English <http://enviroscope.iges.or.jp/modules/envirolib/view.php?docid=2488>)
- IPCC (2000). Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories. Penman, J., Kruger, D., Galbally, I., Hiraishi, T., Nyenzi, B., Enmanuel, S., Buendia, L., Hoppaus, R., Martinsen, T., Meijer, J., Miwa, K. and Tanabe, K. (Eds). Intergovernmental Panel on Climate Change (IPCC), IPCC/OECD/IEA/IGES, Hayama, Japan.
- Tanabe K. (1997), “Estimates of the Potential for Reducing CO₂ Emissions in Japan’s Industrial Sector”, (in SANWA ECONOMIC LETTER, November 1997, published by Sanwa Bank)
- Illustrated Handbook on Environmental Science; edited by Center for Environmental Information Science, published by Asakura-Shoten co., 1994 (as a co-author)
- Tanabe K. (1996), “Proposal for establishment of the framework of the Quantified GHG Emission Limitation Targets in 21c” (in SRC Report '96 vol.2 No.1, published by SRIC Corp.)
- Tanabe K. (1993), Estimate of the Ocean’s uptake of CO₂ using a two-layer upwelling-diffusion model, Master Thesis submitted to the Department of Earth and Planetary Physics, University of Tokyo, March 1993, 51pp. 1993.

D. Major International Contributions

- Co-facilitator of the contact group on the agenda items on national communications under the Subsidiary Body for Implementation (SBI) of the UNFCCC (UNFCCC, 2011-2013)
- Invited lecture for the UNFCCC Training Programme for members of expert review teams for the technical reviews of greenhouse gas inventories of Parties included in Annex I to the Convention (UNFCCC, 2010-2011)
- Centralized review of national GHG inventories under the UNFCCC and the Kyoto Protocol as a lead reviewer (Hungary, Lithuania, Norway and Romania): (UNFCCC, 2014)
- Centralized review of national GHG inventories under the UNFCCC and the Kyoto Protocol as a lead reviewer (Belgium, Switzerland, Germany, United Kingdom and Turkey): (UNFCCC, 2011)
- In-country review of national GHG inventory of New Zealand under the UNFCCC and the Kyoto Protocol as a lead reviewer: (UNFCCC, 2010)
- In-country review of national GHG inventory of Latvia under the UNFCCC and the Kyoto Protocol as a lead reviewer: (UNFCCC, 2009)
- Centralized review of national GHG inventories under the UNFCCC and the Kyoto Protocol as a lead reviewer (European Community, New Zealand, Romania and Sweden): (UNFCCC, 2009)
- Centralized review of national GHG inventories under the UNFCCC and the Kyoto Protocol as a lead reviewer (Canada, Denmark, Hungary, Latvia and Liechtenstein): (UNFCCC, 2008)
- In-country review of initial report under the Kyoto Protocol submitted by New Zealand as a reviewer for industrial processes sector: (UNFCCC, 2007)
- Centralized review of national GHG inventories under the UNFCCC as a reviewer for industrial processes sector (Bulgaria, Latvia, Finland, Norway, Slovenia and the United Kingdom): (UNFCCC, 2005)

E. Research Expertise/Experiences

Expertise: Geophysics (meteorology), Environmental Science, National Greenhouse Gas Inventory, Socio-Information and Communication Studies

- Research on issues related to CO₂ sink (LULUCF) under the Kyoto Protocol (commissioned by Environment Agency of Japan, 1998)
- Research on improvement of national greenhouse gas inventory and mitigation strategies of Japan (commissioned by Environment Agency of Japan, 1995-1998)
- Study to estimate the potential for reducing CO₂ emissions in Japan's industrial sector (1997)
- Study to develop guidelines for establishing Environmental Management System in Japanese local authorities" (commissioned by Institute for Research on Self-Governing Administration of Tokyo, 1997)
- Research on CO₂ emissions from oil industry in Japan (commissioned by Petroleum Association of Japan, 1996)
- Case studies of successful eco-friendly businesses in Japanese markets (commissioned by Environmental Agency of Japan, 1996)
- Study on how to support industries in developing countries in establishing environmental management system" (commissioned by Japanese Environment Agency, 1994-1996)
- Research to estimate the ocean's uptake of CO₂ using a two-layer upwelling-diffusion model (Master thesis research, 1993)

F. Major Awards/Qualifications

- August 2009: Successfully passed the examination on the review of national registries.
- August 2009: Successfully passed the examination on the review of activities under Article 3.3 and 3.4 of the Kyoto Protocol.
- July 2008: Successfully passed the examination on the energy sector.
- July 2006: Successfully passed the examination on the national systems under Article 5, paragraph 1 of the Kyoto Protocol.
- July 2006: Successfully passed the examination on the application of adjustments under Article 5, paragraph 2 of the Kyoto Protocol.
- July 2006: Successfully passed the examination on the modalities for the accounting of assigned amounts under Article 7, paragraph 4 of the Kyoto Protocol.
- March 2005: Successfully passed the examination on the industrial processes sector.
- October 2003: Successfully passed the examination on the first general module.