

Curriculum Vitae



Personal information

First names / Surname

Address

Telephone(s)

E-mail

Nationality

Date of birth

Riitta Kristiina Pipatti

P.O. Box 6A (Työpajankatu 13), FI-00022 Tilastokeskus, Helsinki, Finland (office)

+358 29 551 3543 (office)

Mobile+358 50 500 5247

riitta.pipatti@stat.fi

Finnish

17.11.1955

Work experience

Occupation or position held

Main activities and responsibilities

Name and address of employer

Occupation or position held

Main activities and responsibilities

Name and address of employer

Occupation or position held

Main activities and responsibilities

Name and address of employer

1.1.2005 - present

Senior Adviser

Overall responsibility of the Finnish national system for greenhouse gases (GHG) and the preparation of the national GHG inventory submissions under the United Nations Framework Convention of Climate Change (UNFCCC) and Kyoto Protocol, as well as under the EU. Worked as head of the Greenhouse Gas Inventory Unit 2005 – 2012.

Statistics Finland, Greenhouse Gas Inventory Unit at Statistics Finland

1.4.1984 - 31.12.2004 (on leave of absence during 15.7.2001 - 1.5.2004)

Senior Research Scientist

Research projects on greenhouse gas emission estimation, climate change mitigation, acidification, and major chemical hazards. Worked also as group manager and deputy research manager during the period.

Technical Research Centre of Finland (VTT)

15.7.2001 - 13.4.2004

Head of the Technical Support Unit of the IPCC National Greenhouse Gas Inventories Programme

Planning, management and coordination of the preparation of the IPCC Good Practice Guidance for Land Use, Land-use Change and Forestry, work related to the IPCC Emission Factor Database, and other IPCC activities.

Institute for Global Environmental Strategies (hosted the IPCC technical support unit), Japan

Education and training

Doctor of Technology (Environmental Engineering), 1998 at Helsinki University of Technology

Master of Science in Technology (Chemical Engineering), 1983 at Helsinki University of Technology,

Personal skills and competences

Mother tongue

Other languages

Swedish

Finnish, English, German

Social skills and competences	Interaction with people of different age, gender, social class and nationality is a part of my work. I have managed and participated in international projects and programs. As head of the IPCC TFI TSU I was responsible for the coordination of the IPCC Good Practice guidance for LULUCF, which involved interacting with and guiding to work of around 100 authors. I have also been part of the Finnish delegation under the climate change negotiations (UNFCCC, Kyoto Protocol) and acted as a co-chair for contact groups or co-facilitator during the negotiations. I have given several presentations at various national and international fora.
Organisational skills and competences	At Statistic Finland, VTT and the IPCC NGGIP TSU I managed teams in the size of 7-12 persons. The TSU team was multicultural with members from Japan, USA, Zimbabwe, Germany, the Philippines. I am also a member in professional committees and working/expert groups at national and EU level.
Technical skills and competences	<p>Key competence areas:</p> <ul style="list-style-type: none"> - methodologies for greenhouse gas inventories (IPCC) - reporting and review of greenhouse gas inventories (UNFCCC, Kyoto Protocol, EU) - climate change mitigation (IPCC 4th Assessment Report, IPCC SR for Carbon Capture and Storage, and several research reports and publications.) <p>I have worked with greenhouse gas inventory methodologies since early 1990s'. The work has involved research on the methodologies (at VTT), international collaboration (participation in the development of the IPCC guidelines and good practice guidance since 1996 in various roles and negotiations on the UNFCCC reporting guidelines) as well as the implementation of the methodologies in the preparation of the Finnish greenhouse gas inventory.</p> <p>I have acted as a lead reviewer in inventory review conducted by the UNFCCC secretariat .</p> <p>I have participated in the development of all IPCC TFI methodological reports since the development of the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories. I acted also as lead author for the Waste chapter of the Mitigation volume during the preparation of the IPCC Fourth Assessment Reports and a contributing lead author for the IPCC SR on CO₂ capture and storage, chapter 9 Implications of carbon dioxide capture and storage on greenhouse gas inventories and accounting. At VTT I conducted many projects on climate change mitigation at national level.</p>
Computer skills and competences	MS Office Programs (excel, word, power point etc.)
Additional information	<p>Membership in selected professional bodies: Finnish IPCC Committee, Ministry of the Environment EU Working Group I (Annual Inventories) under the Climate Change Committee EU Contact Group on reporting Advisory Board and Inventory Working Group for the Finnish Greenhouse Gas Inventory Finnish Air Pollution Prevention Society</p> <p>Participation in IPCC reports: 2013 Revised Supplementary Methods and Good Practice guidance Arising from the Kyoto Protocol, Lead Author (Methods for estimation, measurement, monitoring and reporting of LULUCF activities under Articles 3.3. and 3.) 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands, Contributing Lead Author (Cross-cutting issues) IPCC Fourth Assessment Report: Mitigation (2007), Lead Author IPCC 2006 Guidelines Coordinating Lead Author (Waste), Lead Author (Energy) IPCC Special Report on Carbon Dioxide Capture and Storage, Contributing Lead Author IPCC Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories, co-chair (Waste), contributor (Agriculture) Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, expert /contributor.</p> <p>UNFCCC bodies: UNFCCC Secretariat Roster of Experts (Lead Reviewer and member of the expert review teams, generalist) Consultative Group of Experts on National Communication from Parties not included in Annex I of the Convention, member 2004 - 2007</p>
Annex	List of publications

Selected list of publications

The publications are listed in reverse chronological order (the newest publications first, IPCC methodological reports are not included in the list).

Publications in English in scientific and technical journals, conference proceedings and report series. Numerous publications in Finnish (not included in the list).

Articles and papers in English

Lapveteläinen, T. & Pipatti, R. 2008. Peat in international climate change conventions. In: Peatlands and climate change (ed. Starck, M.). International Peat Society. Pp. 211-223.

Monni, S., Pipatti, R., Lehtilä, A., Savolainen, I. & Syri, S. 2006. Global climate change mitigation scenarios for solid waste management. Espoo, Technical Research Centre of Finland, VTT Publications, No. 603, 51 p.

Tsupari, E., Monni, S. & Pipatti, R. 2005. Non-CO₂ greenhouse gas emissions from boilers and industrial processes. Espoo, Technical Research Centre of Finland, VTT Research Notes, 2321, 82 p + app. 24 p.

Tuhkanen, S. & Pipatti, R. 2000. Cost saving in meeting the commitments of the Kyoto protocol through the abatement of non-CO₂ greenhouse gas emission. In: J. van Ham et al. (eds.): Non-CO₂ Greenhouse Gases: Scientific understanding, control and implementation. Publ. Kluwer Academic Publishers. Pp. 555 – 560.

Pipatti, R. 1998. Emission estimates for some acidifying and greenhouse gases and options for their control in Finland (Thesis), VTT Publications 340, Espoo, 86 p. + app. 86 s.

Pipatti, R. & Wihersaari, M. Cost-effectiveness of alternative strategies in mitigating the greenhouse impact of waste management in three communities of different size. 1998. *Mitigation and Adaptation Strategies for Global Change*, 2, pp. 337 - 358.

Tähtinen, M., Lehtilä, A., Pipatti, R., Wistbacka, M. & Savolainen, I. 1997. Economic reduction of acidifying deposition in Finland by decreasing emissions in Finland, Estonia and Russia. *The Science of the Total Environment*, 204, pp. 177 – 192.

Pipatti, R. & Savolainen, I. 1996. Role of energy production in the control of greenhouse gas emissions from waste management. *Energy Conversion and Management*, Vol. 37, No. 6 - 8, 1996, pp. 1105 - 1110.

Pipatti, R., Savolainen, I. & Sinisalo, J. 1996. Greenhouse impacts of anthropogenic CH₄ and N₂O emissions in Finland. *Environmental Management*, Vol. 20, No. 2, pp. 219 -233.

Pipatti, R., Savolainen, I. & Sinisalo, J. 1995. Greenhouse impact of CH₄, N₂O and CFC emissions in Finland and its control potential. 10th World Clean Air Congress, Espoo, Finland, 28 May - 2 June 1995. Publ. by the Finnish Air Pollution Prevention Society, Helsinki, Finland, Vol. 3, Poster paper 442 (4 pages).

Pipatti, R. 1994. Evaluation of abatement measures for ammonia emissions in Finland. The potential for Abatement of Ammonia Emissions from Agriculture and the Associated Costs, Workshop at Culham Laboratory, Oxford, UK, 31 Oct. - 2 Nov. 1994. Pp. 143 - 149.

Pipatti, R., Savolainen, I. 1995. Scenarios for anthropogenic nitrous oxide (N₂O) emissions in Finland. In: Proceeding of the 6th International Workshop on N₂O Emissions, Turku/Åbo, Finland, 7-9 June 1994. Pp. 561 - 573.

Pipatti, R., Savolainen, I. & Sinisalo, J. 1994. Assessment of the impact of the greenhouse gas emission and sink scenarios in Finland on radiative forcing and greenhouse effect. In: Kanninen, M. & Heikinheimo, P. (Eds.): The Finnish Research Programme on climate Change (SILMU), Second Progress Report 1994, Publ. of the Academy of Finland 1/94. Pp. 375 - 380.

Pipatti, R. & Sinisalo, J. 1994. Scenarios for halocarbon emissions in Finland and estimates of their impact on global warming and chlorine loading in the stratosphere. *Journal of Environmental Management*, 40, pp. 259 - 275.

Pipatti, R. 1992. Ammonia emissions in Finland. In: Klaassen, G. (ed.) Ammonia emissions in Europe: emissions coefficients and abatement costs. Proceedings of a workshop held Febr. 4 - 6 1991, IIASA, Laxenburg, Austria.

Pipatti, R. & Vuori, S. 1992. Assessment of environmental and health impacts of energy systems and other sources in Finland. Specialist Meeting on Methods for Comparative Risk Assessment of Different Energy Sources. Studsvik, Sweden, 27 - 30 Aug. 1991. In: IAEA-TECDOC-671. Pp. 137 - 151.

Savolainen, I., Tähtinen, M., Johansson, M., Lehtilä, A., Tuovinen, J-P. & Pipatti, R. 1991. Estimating future acidification scenarios. In: Kenttämies, K. (ed.): Acidification Research in Finland - Review of the Result of the Finnish Acidification Research Programme (HAPRO) 1985 - 1990. Ministry of the Environment, Environmental Protection Department, Brochure 39, pp. 39 - 45.

Niskanen, R., Keränen, S. & Pipatti, R. 1990. Ammonia emissions in the 1980's. In: Kauppi, P., Kenttämies, K. & Anttila, P. (eds.): Acidification in Finland. Springer, Heidelberg. Pp. 31 - 39.

Johansson, M., Kämäri, J., Pipatti, R., Savolainen, I., Tuovinen, J-P. & Tähtinen, M. 1990. Development of an integrated model for the assessment of acidification in Finland. In: Kauppi, P., Kenttämies, K. & Anttila, P. (eds.): Acidification in Finland. Springer, Heidelberg. Pp. 1171 -1193.