

ROB STURGISS

Candidate - IPCC Task Force on Inventories Bureau

CURRICULUM VITAE

Rob Sturgiss is seeking re-nomination for the role of IPCC Task Force on Inventories bureau.

Rob joined the IPCC TFI bureau in 2009. He has 18 years experience working in National Greenhouse Gas Inventory Systems and is passionate about promoting the role of the IPCC in the development of national greenhouse gas emissions inventory reporting frameworks.



Rob Sturgiss is currently the Assistant Secretary of the National Inventory Systems and International reporting Branch, at the Australian Government's Department of the Environment.

Rob has extensive experience in the construction of integrated emissions reporting frameworks and the development of emissions estimation methods that provide for both national monitoring and a basis for mitigation action. The IPCC's role in these frameworks is critical, providing the foundation to underpin a credible and robust global mitigation response on climate change.

CV Highlights

- Member IPCC Bureau Task Force on Inventories (2009-)
- Lead author; *2013 Revised Supplementary Methods and Good Practice Arising from the Kyoto Protocol*
- Lead author; *2013 Supplement to the 2006 IPCC Guidelines for the preparation of national inventories: wetlands*
- Manager, Australian national greenhouse accounts, Department of the Environment, Department of Climate Change, Australian government (2008-2011), (2011-), providing oversight to the implementation of:
 - *Australia's national greenhouse accounts* - including the publication of emission estimates at a national, provincial and at IPCC and standard industrial classification levels;
 - *Australia's Quarterly Update of the national inventory* – publication of close to real time estimates of emissions for Australia;

- *National Inventory Reports* for Australia - submitted under the UN Framework Convention on Climate Change and under the Kyoto Protocol;
- *National Greenhouse and Energy Reporting (NGER) Measurement Determination* - designed to provide methods for the estimation of greenhouse gas emissions for Australian companies and facilities for the Australian government's mandatory reporting program;
- the Department of the Environment's remote sensing program - designed to use satellite imagery to detect deforestation, reforestation and fire events on an annual basis across the Australian landscape;
- the Department of the Environment's custom built modelling framework FullCAM – designed to deliver estimates of changes in carbon stocks across the Australian landscape taking into account management actions and the impact of Australian climate and soil conditions at a finely disaggregated spatial scale;
- the outcomes of Australian research into emissions processes associated with Australian agriculture and land management practices as well as other sources with relatively large estimation uncertainties;
- *Australian Greenhouse Emissions Information System* – custom built software to manage Australia's emissions data, model non-land based emissions processes and implement the inventory's quality control framework. The system is used to publish detailed emissions data on a national, provincial, IPCC and industry classification basis;
- *National Greenhouse Accounts Factors Workbook* - which provides emission estimation methods for use by program and project managers outside of the NGER system;
- *Chair, National Greenhouse Gas Inventory Committee*, established by the Council of Australian Governments, Department of the Environment
- *Chair, National Inventory User Group*, Department of the Environment
- *Chair, Agriculture inventory advisory group*, Department of the Environment
- *Co-chair, national inventory system sub-committee, Emission Reduction Fund Committee*, Department of the Environment.
- Manager and chair, Australian workshops on Australia's MRV experience for both land and non-land sectors for delegates from China, Indonesia, Thailand, Morocco, Sudan, Ghana, Liberia and Sierra Leone (2009-12).

- Guest participant and speaker, Republic of Korea, Ministry of Environment, company reporting workshop, Seoul, 2010, Energy Research Institute, China, 2010, Malaysia, Ministry of Environment, national inventory workshop, 2011.
- Co-chair – mutual inventory review processes Australia and Republic of Korea, 2012; New Zealand, 2011, 2014.
- Lead delegate, Workshop on GHG Inventories in Asia, Hanoi, 2012.
- Lead reviewer, UNFCCC roster of experts
- Manager, Australian Greenhouse Emissions Information System, Australian Greenhouse , Office (2004-2008)
- Australian permanent delegation to the OECD (1999-2002)
- Bureau member, OECD Trade and Environment Joint Working Group (1999-2001)
- Numerous papers relating to climate change, greenhouse emissions, energy policy, agricultural and trade policies, Department of Treasury, Department of Foreign Affairs and Trade (1992-1998, 2002-2004).
- Research officer; Australian Bureau of Agricultural and Resource Economics (1985 – 1992)
- OECD secretariat, Agriculture and Environment Directorates (1990-1991).
- Bachelor of Commerce (Economics) Honours University of New South Wales (1984).