



# Postcards from Europe's greenhouse gas research: How they are meeting the challenge on Climate Change

Moderating the global warming is the challenge on climate change facing humankind, indeed all life on earth, in the 21st Century. The essential component of meeting this challenge is reducing the greenhouse gases continuously blown into the atmosphere in increasing amounts.

Drs Klaus Butterbach-Bahl and Ralf Kiese will present their detailed studies on major greenhouse gases and their work on modelling, up-scaling and verifying greenhouse gas emissions.

We can squeeze some key information on a postcard and into an hour lecture, which is what our two visiting European scientists will do in this distinguished lecture.

**Venue:** *Natural Resource Sciences, Indooroopilly, Block B large conference room*

**Date:** *Wednesday, 9 May* **Time:** *11.15 am to 12.15 pm*

**Chair:** *Ram Dalal, Senior Principal Scientist, Sustainable Land Management*

*There is no need to RSVP. Please arrive on time as a courtesy to the speakers.*

## Presenters



**Professor Dr Klaus Butterbach-Bahl** heads up research into "Regionalisation of biogenic trace gas emissions" at Germany's Forschungszentrum Karlsruhe. His research interests include the microbial processes involved in the production and consumption of nitrogen and carbon; modelling nitrogen and carbon turnover in terrestrial ecosystems; and calculating emissions from biogenic trace substances. The settings of Klaus's current projects vary from the grasslands of Inner Mongolia to European beech forests and Australia's savannah ecosystems. He has authored an impressive list of articles and papers, and since 2006 has been an Honorary Principal Fellow in the School of Forest and Ecosystem Science, University of Melbourne.



**Dr Ralph Kiese** is a senior scientist in the research group headed by Professor Butterbach-Bahl. Ralph also lectures in tropical forests and global change, and biogeochemical cycles and biosphere-atmosphere exchange, at Freiburg's Albert Ludwigs University. He has lectured in China, and in 2004 was an Honorary Research Associate of Australia's CRC for Greenhouse Accounting. Ralph has been an author of about 40 articles and papers.