

## **Dr. Graham Turner**

Senior Research Scientist, CSIRO Sustainable Ecosystems

### **BIOGRAPHY**

Dr Graham Turner is a senior research scientist at CSIRO Sustainable Ecosystems, Canberra ACT, Australia. Dr Turner recently authored a report “*A Comparison of Limits to Growth with 30 Years of Reality*”. His work involves whole-of-system analysis on the long-term physical sustainability of the environment and economy. Dr Turner develops and applies the Australian Stocks and Flows Framework to create ‘what if’ scenarios quantifying sustainability challenges and exploring potential solutions. Past topics have included Australian agriculture, fisheries, transport, climate change impacts, water-energy systems, water accounting, distributed energy, and employment in a green economy. Current interests involve food security, environmental implications of immigration, and coupling physical and economic models of the national economy. Prior to joining CSIRO in 2000, Dr Turner was a policy analyst (Australian Defence Force Headquarters), researched ultra-insulating windows (University of Sydney), and undertook experimental and simulation research on industrial plasma physics (IBM’s T.J. Watson laboratory in NY, USA; and University of Sydney).