

## Roberto Schaeffer

### Short Curriculum Vitae

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**Dr. Roberto Schaeffer** teaches and conducts research in the Energy Planning Program of the Universidade Federal do Rio de Janeiro, Brazil, where he currently holds a Full Professorship in Energy Economics. He holds a Ph.D. in Energy Management and Policy from the University of Pennsylvania (USA, 1990).

Dr. Schaeffer has already supervised more than 140 Master's dissertations and Ph.D. theses, and published more than 300 scientific papers in the fields of energy and climate change, including publications in high-impact journals like Nature, Nature Climate Change and Science. His main area of competence is in integrated assessment of climate change and coupled energy-economy climate modelling.

Previously to his current professional position he was, for two years, between 1991 and 1993, a Visiting Professor at the Center for Energy and the Environment, and a Lecturer at the Wharton School, both at the University of Pennsylvania. In 2008 he occupied a Chair as Visiting Professor in Brazilian Studies, lecturing in five different Canadian universities with the support of the Ministry of Foreign Affairs and International Trade of Canada.

Between April 2002 and January 2011 Dr. Schaeffer was an Expert Member for the panel on guidelines for methodologies for baselines and monitoring plans for the United Nations Framework Convention on Climate Change Clean Development Mechanism (UNFCCC CDM Meth Panel).

In the period of June 2010-December 2011 Dr. Schaeffer was a member of the International Energy Agency (IEA) Advisory Board on the IEA Accelerating Energy Technology Innovation Project.

As of July 2014 Dr. Schaeffer began to serve, for two periods of four years, on the Science Advisory Council (SAC) of the Stockholm Environment Institute (SEI), in Sweden, and to serve, for two periods of three years, on the Science Advisory Committee (SAC) of the International Institute for Applied Systems Analysis (IIASA), in Austria.

As of July 2015 Dr. Schaeffer became a member of the Scientific Steering Committee (SSC) of the Integrated Assessment Modelling Consortium (IAMC).

As of June 2016, Dr. Schaeffer became a member of the Expert Panel of the Energy Transition Commission and Fossil Fuels project of the SEI.

As of November 2016 Dr. Schaeffer became a member of the Advisory Board for the Routledge Series in Energy Transitions.

In the period of September 12<sup>th</sup> to September 16<sup>th</sup> 2016 Dr. Schaeffer spent one week at the University of Pennsylvania campus as a Kleinman Center for Energy Policy Visiting Scholar.

As of October 2017 Dr. Schaeffer became a member of the United Nations Sustainable Development Goals SDG7 Technical Advisory Group in support of the SDG7.

Dr. Schaeffer has been contributing to the Intergovernmental Panel on Climate Change (IPCC) special reports (Special Report on Technology Transfer, Special Report on Renewable Energy-SREEN, and Special Report on the Impacts of Global Warming of 1.5 C above Pre-industrial Levels and Related Global Greenhouse Gas Emission Pathways (SR1.5C) and assessments (AR4, AR5 and AR6) since 1998, as Review Editor (RE), Lead-author (LA), and Coordinating-lead-author (CLA).

In 2007 Dr. Schaeffer was a co-recipient, with a number of scientists, of the 2007 Nobel Peace Prize for the research contributions to the IPCC.

Since 1998 Dr. Schaeffer is an Associate-Editor of ENERGY-THE INTERNATIONAL JOURNAL.