



Bas van Ruijven

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Bas van Ruijven is group leader of the Sustainable Service Systems (S3) group in the Energy, Climate, and Environment (ECE) program at IIASA and co-chair of the International Committee On New Integrated Climate change assessment Scenarios (ICONICS). He holds an MSc in Environmental Science (2004) and a PhD in Energy Science (2008) from Utrecht University in the Netherlands. From 2011 to 2017, Dr. van Ruijven worked as project scientist with the Integrated Assessment Modeling group at the National Center for Atmospheric Research (NCAR) in Boulder, CO, USA. During 2016/2017, he was also a visiting scholar and research scientist at the Boston University Pardee Center for the Study of the Longer-Range Future. Before moving to the USA in 2011, Dr. van Ruijven was a policy researcher at the IMAGE Integrated Assessment Modeling group at the Netherlands Environmental Assessment Agency (PBL). During his PhD research, he was a visiting researcher at Chalmers University in Gothenburg, Sweden, the Indira Gandhi Institute for Development Research in Mumbai, and the Indian Institute of Science in Bangalore. Dr. van Ruijven played a leading role in several Integrated Assessment Model comparison projects, such as the Asian Modeling Exercise (AME) and the Latin America Modeling Project (LAMP). He has been a lead author for UNEP's Global Environmental Outlook 4 and the Global Energy Assessment (GEA).

Dr. van Ruijven's research interests cover a wide range of topics, from energy and technology scenarios to energy transitions in developing countries and the impacts of climate change. Current projects include the analysis of climate change impacts on energy demand across climate models and socioeconomic scenarios and a global analysis of the role of electricity interconnections in greenhouse gas mitigation. Dr. van Ruijven also works on the guidance of mitigation scenarios for financial sector analysts. As part of the NAVIGATE project, dr. van Ruijven works on developing models for the projection of energy demand from buildings. As part of the Horizon 2020 project ENGAGE, which is led by the IIASA ECE program, Dr. van Ruijven works on assessing the co-benefits and trade-offs of climate policies for other Sustainable Development Goals.

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