



Dr Reihana Mohideen is a Senior Research Fellow at the University of Melbourne researching socio-technical modelling and the low-carbon energy transition in developing countries. The breakthrough socio-technical modelling research that she is developing includes assessment of microgrids to meet rural electrification needs in villages with weak grid connections,

incorporating advanced technology transfer and know-how into low-income communities to foster local economic development while integrating measurable social inclusion criteria. She completed her postdoctoral studies at the University of Melbourne (2015) in renewable energy systems in Asia, researching the societal and gender implications for newly electrified rural communities in Nepal. She has been involved in the design of energy projects in South Asia, ranging from conventional hydropower, solar parks, solar-wind-micro hydro powered mini grids, as well as transmission and distribution systems. She is a member of IEEE Society on the Social Implications of Technology and IEEE Power and Energy Society.