

DIVYA SUSAN SOLOMON

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EDUCATION

Ph.D. of Resource Policy and Behavior School of Environment and Sustainability, University of Michigan	September 2018 –
Master of Technology in Climate Change and Sustainable Development Center for Environment and Planning and Technology (CEPT)	May 2018
Bachelor of Technology in Civil Engineering Visvesvaraya Technological University	May 2011

PROFESSIONAL EXPERIENCE

Ashoka Trust for Research in Ecology and the Environment September 2014 - July 2018
Senior Research Associate

Key responsibilities:

- Conducting quantitative and qualitative research using surveys, key informant interviews, semi structured and structured interviews, and household surveys to understand vulnerability and adaptation of communities in Agrarian and Forested Socio Ecological Systems
- Coordinated a team of 10 individuals to collect 800 household surveys in two states in India
- Research in Use focal point and Gender focal point

Institute for Global Environmental Strategies and EeMausam November 2016 – February 2017
Consultant

Key responsibilities:

- Conducted a cost benefit analysis on index and weather based agricultural insurance products in Telangana district in Andhra Pradesh

Institute for Global Environmental Strategies and EeMausam November 2016 – February 2017
Consultant

Key Responsibilities:

- Developed and implemented a study to understand the effectiveness of crop insurance for disaster risk reduction and climate change adaptation

Institute for Global Environmental Strategies May 2016 – July 2016
Internship

Key Responsibilities:

- Developed a framework to understand the impacts of different agricultural insurance products

PROFESSIONAL TRAINING

Hydrology 101 (September 2014): Course on the basics of hydraulic instrumentation and data processing and interpretation. Conducted by Foundation for Ecological Research, Advocacy and Learning, Pondicherry.

Introduction to DSSAT and AgMip (March 2015): Course on the use of modeling tools for agricultural modeling and scenario building. Conducted by International Crops Research Institute for the Semi-Arid Tropics. Patancheru.

Researching Gender (June 2015): Summer school on integrating gender within research and gender research methodologies. Conducted by University of East Anglia, UK.

Research into Use (RiU) Training (August 2015): Training on stakeholder engagement and integration within the research process. Conducted by Oxfam, UK.

Stories of Change Workshop (July 2016): Workshop on communicating research findings to

stakeholders. Conducted by Oxfam, UK.

PUBLICATIONS

PEER REVIEWED PUBLICATIONS

Rao, N., Lawson, E. T., Raditloaneng, W. N., **Solomon, D.**, & Angula, M. N. (2017). Gendered vulnerabilities to climate change: insights from the semi-arid regions of Africa and Asia. *Climate and Development*, 1-13.

Solomon, D. S. and Rao, N., (2018). Wells and Wellbeing: gender dimensions of groundwater dependence in South India. *Economic and Political Weekly*.

WORKING PUBLICATIONS

Solomon, D. and Badiger, S. The evolution of Vulnerability: Rethinking the scope of indicator-based assessments in Agrarian Socio Ecological Systems. (Submitted to *Climate and Development*).

Rao, N., Singh, C., **Solomon, D.**, Camfield, L., Alare, R. S., Angula, M., Poonacha, P., Sidibe, A., Lawson, E. T. Managing risk, changing aspirations and household dynamics: implications for wellbeing and adaptation in semi-arid Africa and India. (Submitted to *World Development*).

Singh, C., **Solomon, D.**, Bendapudi, R., Rao, K. B., Iyer, S., Bazaz, A. What shapes vulnerability and risk management in semi-arid India? A focus on barriers and enablers to adaptation. (Under review in *Environmental Development*).

TECHNICAL REPORTS

Prabhakar, S. V. R. K., and **Solomon D. S.**, "Indicators to Assess Insurance Effectiveness." *Effectiveness of Insurance* (2015): 20.

Prabhakar, S. V. R. K., Abu-Bakar, A., Becker, S., Pereira, J. J., and **Solomon, D. S.** (2015). Insurance for Disaster Risk Reduction and Climate Change Adaptation—An Overview. *Effectiveness of Insurance*, 4.

Contributed to Ch 1, Ch 2, Ch 4 and Ch 5 in "Vulnerability and Adaptation to Climate Change in the Semi-Arid Regions of India". IDRC, DFID. Edited by Revi. A., 2016.

Solomon, D. S., Prabhakar, S. V. R. K., and Rao, G. S. 3. Agriculture insurance in India: stakeholder perspectives on associated costs and benefits. *Case Studies in Insurance Effectiveness: Some Insights into Costs and Benefits*, (2017) 23.

PRESENTATIONS (First Author Only)

Solomon, D. and Prabhakar, S.V. R. K. (July, 2014). Assessing Disaster Risk Reduction and Climate Change Adaptation Synergies of Risk Insurance: Impact Pathway Framework for Risk Insurance. Poster session at the International Forum for Sustainable Asia and the Pacific, Yokohama, Japan.

Solomon, D. and Badiger, S. (July 2015). Understanding Vulnerability to Climatic and Non-Climatic Stressors in Agrarian Socio Ecological Systems. Poster session at Our Common Future under Climate Change. Paris, France.

Solomon, D. and Misquitta, K. (June 2016). Limits to decentralization: Understanding community

interactions with external actors in natural resource management programs. Initiative on Climate Adaptation Research and Understanding through the Social Sciences (ICARUS). Hyderabad, India.

Solomon, D. (June 2018). The vulnerability of ecosystem services and implications on the adaptation capacity of tribal communities in a forested landscape in Semi-Arid India. Poster session at Adaptation Futures. Cape Town, South Africa.

Solomon, D. (August 2018). Agrarian transformation: Impacts on well-being and adaptation outcomes in Western Tamil Nadu. Panel presentation in Consultation on Water: Augmentation of Supply and Management of Demand at MS Swaminathan Research Foundation, Chennai.

OTHER PUBLICATIONS

Solomon, D. (In press). Book Review: Handbook on the political economy of Gender edited by Juanita Elias and Adrienne Roberts. *Progress in Development Studies*.

OUTREACH

Research in Use Focal Point for the Adaptation to Scale in Semi-Arid Regions Consortium under the Collaborative Adaptation Research in Asia and Africa September 2014 - July 2018

- Organized multi stakeholder meetings and influencing workshops
- Developed graphical and interactive research dissemination tools such as games and comics