**DIVYA SUSAN SOLOMON**

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**EDUCATION**

**Ph.D. of Resource Policy and Behavior** September 2018 –

School of Environment and Sustainability, University of Michigan, Ann Arbor

**Master of Technology in Climate Change and Sustainable Development** May 2014

 Center for Environment and Planning and Technology (CEPT)

**Bachelor of Technology in Civil Engineering** May 2011

 Visvesvaraya Technological University

**PROFESSIONAL EXPERIENCE**

**Global Warming Mitigation Project**

Research Analyst February 2022- July 2022

**Key responsibilities:**

* Assess applicants for the Keeling Curve prize

**Jain Lab in the University of Michigan** April 2019 - July 2018

Part time researcher

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

Senior Research Associate: Gender and adaptation

**Key responsibilities:**

* Project management responsibilities for ASSAR CARIAA collaborative initiative
* Research in Use focal point and Gender focal point
* 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

**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. Patencheru.

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.

**Skills**

Spatial software: GIS, Google Earth Engine

R programming language

NVIVO

**PUBLICATIONS**

**PEER REVIEWED PUBLICATIONS**

Rao, Nitya, Elaine T. Lawson, Wapula N. Raditioaneng, **Divya Solomon**, and Margaret N. Angula "Gendered vulnerabilities to climate change insights from the semi-arid regions of Africa and Asia Information brief." (2016).

**Solomon, Divya Susan,** and Nitya Rao. "Wells and Well-being in South India: Gender dimensions of groundwater dependence." Economic and Political Weekly 53, no. 17 (2018): 38-45.

Singh, Chandni, **Divya Solomon**, Ramkumar Bendapudi, Bhavana Kuchimanchi, Soundarya Iyer, and Amir Bazaz. "What shapes vulnerability and risk management in semi-arid India? Moving towards an agenda of sustainable adaptation." Environmental Development 30 (2019): 35-50.

Rao, Nitya, Chandni Singh, **Divya Solomon**, Laura Camfield, Rahina Sidiki, Margaret Angula, Prathigna Poonacha, Amadou Sidibé, and Elaine T. Lawson. "Managing risk, changing aspirations and household dynamics: Implications for wellbeing and adaptation in semi-arid Africa and India." World Development 125 (2020): 104667.

Jain, Meha, **Divya Solomon**, Hagan Capnerhurst, Anthony Arnold, Alice Elliott, Andrew Kinzer, Collin Knauss et al. "How much can sustainable intensification increase yields across South Asia? A systematic review of the evidence." Environmental Research Letters (2020).

Ricciardi, Vincent, Abdrahmane Wane, Balsher Singh Sidhu, Cecile Goode, **Divya Solomon**, Ellen McCullough, Florian Diekmann et al. "A scoping review of research funding for small-scale farmers in water scarce regions." Nature Sustainability (2020): 1-9.

**Susan Solomon, Divya**, Chandni Singh, and Farjana Islam. "Examining the outcomes of urban adaptation interventions on gender equality using SDG 5." Climate and Development (2021): 1-12.

Singh, Chandni, **Divya Solomon,** and Nitya Rao. "How does climate change adaptation policy in India consider gender? An analysis of 28 state action plans." Climate Policy (2021): 1-18.

Agrawal, Arun, Sidney Brandhorst, Meha Jain, Chuan Liao, Nabin Pradhan, **Divya Solomon**. “From environmental governance to governance for sustainability” One Earth. In Press

Synergies and trade-offs between climate change adaptation options and gender equality: a review of the global literature. Joyashree Roy , Anjal Prakash , Shreya Some, Chandni Singh,.. Divya Solomon

Nature Communications. In press

**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.

**Solomon, D.** (October 2018). Managing risk, changing aspirations and household dynamics:

implications for wellbeing and adaptation in semi-arid Africa and India. Sustainability and Development conference. Michigan. USA

**Solomon, D. (**October 2019).Adaptation outcomes of migration in India. United Nations Summer School. Ghana. Africa

**OTHER PUBLICATIONS**

**Solomon, D.** (2018). 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