



A. K. Enamul Haque
Pranab Mukhopadhyay
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Md Rumi Shammin *Editors*

Climate Change and Community Resilience

Insights from South Asia

ICIMOD  SANDEE

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Chapter 13

What Influences Rural Poor in India to Refill Their LPG?



Liya Thomas, Raksha Balakrishna, Rahul Chaturvedi,
Pranab Mukhopadhyay, and Rucha Ghatge

Key Messages

- Rural income generation schemes, female literacy, positively influence LPG refills.
- While male work force participation increases LPG refills, female workforce does not.
- Vicinity to forest has heterogeneous effects depending on type of forest.

13.1 Introduction

Under the Nationally Determined Contributions (NDC) in the Paris Agreement (2015) India has committed to reduce emission intensity by 33–35%; increase the share of non-fossil-based energy to 40%; and improve its forest and tree cover to create an additional carbon sink of 2.5–3 GT-CO₂e (UNFCCC, 2018). Meeting these

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