

# Locally Determined Choices for Nationally Determined Contributions

## Addressing Heat Equity through Vulnerable Community Focused Heat Adaptation Plans



**Organized by:** Integrated Research & Action for Development (IRADe)

**Date:** Nov. 8, 2022, 17:30 Hrs -18:15 Hrs, (Egypt Local Time)

**Duration:** 45 mins

**Venue:** Room 1: Akhenaten, CoP27, Sharm El Sheikh, Egypt

### Summary

Rising heat stress is a global climate hazard and is a silent disaster. Heat Stress-induced deaths in year 2100 are estimated to be above 100 per 100,000 in lower-income groups. In addition to their profound impacts on health, heat waves also pose significant economic and non-economic impacts affecting livelihoods and productivity. Lost Productivity from heat stress is valued at 4.2 Trillion USD by 2030. Impacts of heat stress are more severe in urban areas due to Urban Heat Island (UHI) effect. Moreover, urban slums which are most vulnerable to heat stress are concentrated in cities. Lost productivity and health impacts of heat stress will drive more inequality in developing countries of the world.

*The session will focus on impacts of heat stress on vulnerable communities, heat adaptation needs and solutions to address heat equity from Global South and North. It will also deliberate on capacity building among municipalities, sub national and national administrative bodies, hospitals, policy making bodies and the public on climate adaptive action plans focused on vulnerable communities.*

## Session Panelists

- **Santiago Alba Corral**  
International Development Research Centre (IDRC)
- **Rohit Magotra**  
Integrated Research & Action for Development (IRADe)
- **Bijal Brahmbhatt**  
Mahila Housing Trust
- **Linda Anne Stevenson**  
Asia-Pacific Network for Global Change Research (APN)
- **Saleemul Huq**  
International Centre for Climate Change and Development (ICCCAD)
- **Joy Shumake-Guillemot**  
World Health Organization/ World Meteorological Organization/ Global Heat Health Information Network (GHHIN)
- **Rajeshwari Gorana**  
Independent Consultant

### *Key Contact*

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## About IRADe

Integrated Research & Action for Development (IRADe) is the Centre of Excellence for Urban Development and Climate Change of the Ministry of Housing & Urban Affairs, Government of India. Since 2008 it has been furthering the agenda of integrating disaster and climate resilience in policy planning through engagement with national, state, and city-level agencies. For more details about IRADe, kindly visit the website <https://www.irade.org/>