

Climate Mobility Innovation Lab

Asia and the Pacific

IOM's Climate Mobility Innovation Lab (CMIL) is a key driver of innovation, capacity strengthening and collaboration. With a strong emphasis on scalable innovative solutions and community engagement, the CMIL supports communities to adapt to climate change impacts and address challenges of climate mobility. **In Asia and the Pacific, CMIL's initiatives are particularly vital, given the region's high vulnerability to climate-induced displacement and its diverse adaptation needs.**



Key Statistics



In 2024 alone, approximately **24 million new internal displacements were recorded in Asia and the Pacific** due to rapid-onset disasters, accounting for nearly 52 per cent of global disaster displacements.



By 2050, up to **48.4 million people in East Asia and the Pacific and 40.5 million people in South Asia may be forced to migrate** due to the slow-onset impacts of climate change.



By 2100, it is estimated that between 50 per cent (in a low-warming scenario) and 75 per cent (in a high-warming scenario) of the **human population may face life-threatening temperature and humidity levels.**



Under a worst-case climate change scenario, **economic losses in Asia and the Pacific are projected to reach USD 1.4 trillion** by 2059, with Pacific small island states potentially facing the most severe impacts.

Outcomes

1

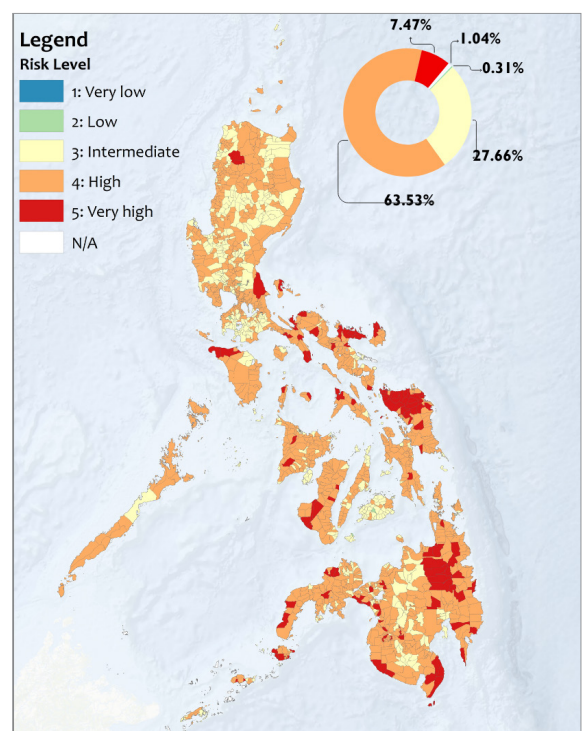
Innovative solutions developed and tested: fast impact solutions to mitigate and adapt to climate change; field-tested interventions.

2

Enhanced learning, knowledge exchange, and enabling action: enhanced capacities and learning on climate action and human mobility.

3

Advocacy and coordination: impactful advocacy and leadership efforts; enhanced evidence-based and data management.

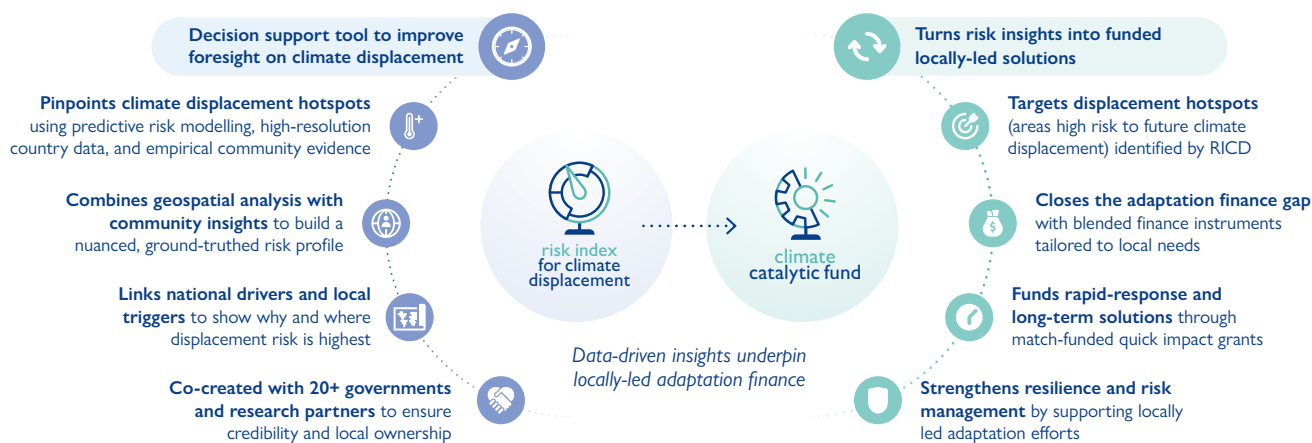


CMIL's Risk Index for Climate Displacement (RICD)

Flagship Innovations

From Risk Analytics to Local Action: The Climate Mobility Pipeline

Filling the data-to-action gap



Structure

GLOBAL STEERING COMMITTEE

- Monitor, impact, and review
- Advocate and support
- Provide strategic oversight at global level

IOM HQ

- Provide strategic vision and leadership
- Advocate and drive policy
- Ensure global technical support

REGIONAL INNOVATION COMMITTEE

- Offer technical expertise
- Support development of innovative solutions
- Provide strategic oversight at regional level

CMIL ASIA AND THE PACIFIC

- Co-create innovations
- Ensure communication and coordination with partners
- Facilitate exchange of best practices

Regional Innovation Committee



MR BRADLEY MELLICKER

Head, Climate Mobility Innovation Lab for Asia and the Pacific

International Organization for Migration



DR CHONG XU

Research Professor

National Institute of Natural Hazards, China Ministry of Emergency Management



DR HE HAIXIA

Researcher

National Disaster Reduction Center, China Ministry of Emergency Management



MS LEBGA GAUNAVINAKA

Climate Change Adaptation Advisor

Fiji Ministry of Environment and Climate Change



MR MEKAIL AHMED

Private Sector Development and Investment Specialist

Asian Development Bank



DR SURYANI SIDIK MOTIK

Vice Chairperson for Social Affairs and Disaster Management

Indonesian Chamber of Commerce (KADIN)



DR YANG SIQUAN

Director

National Institute for Natural Hazards, China Ministry of Emergency Management