Climate-led Disasters and Its Socio-Economic Implications: Perspectives from Nagaland.

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Nothing is imaginable in this world for human **without** human,
Nothing can precede in this world for human **without** an institution.

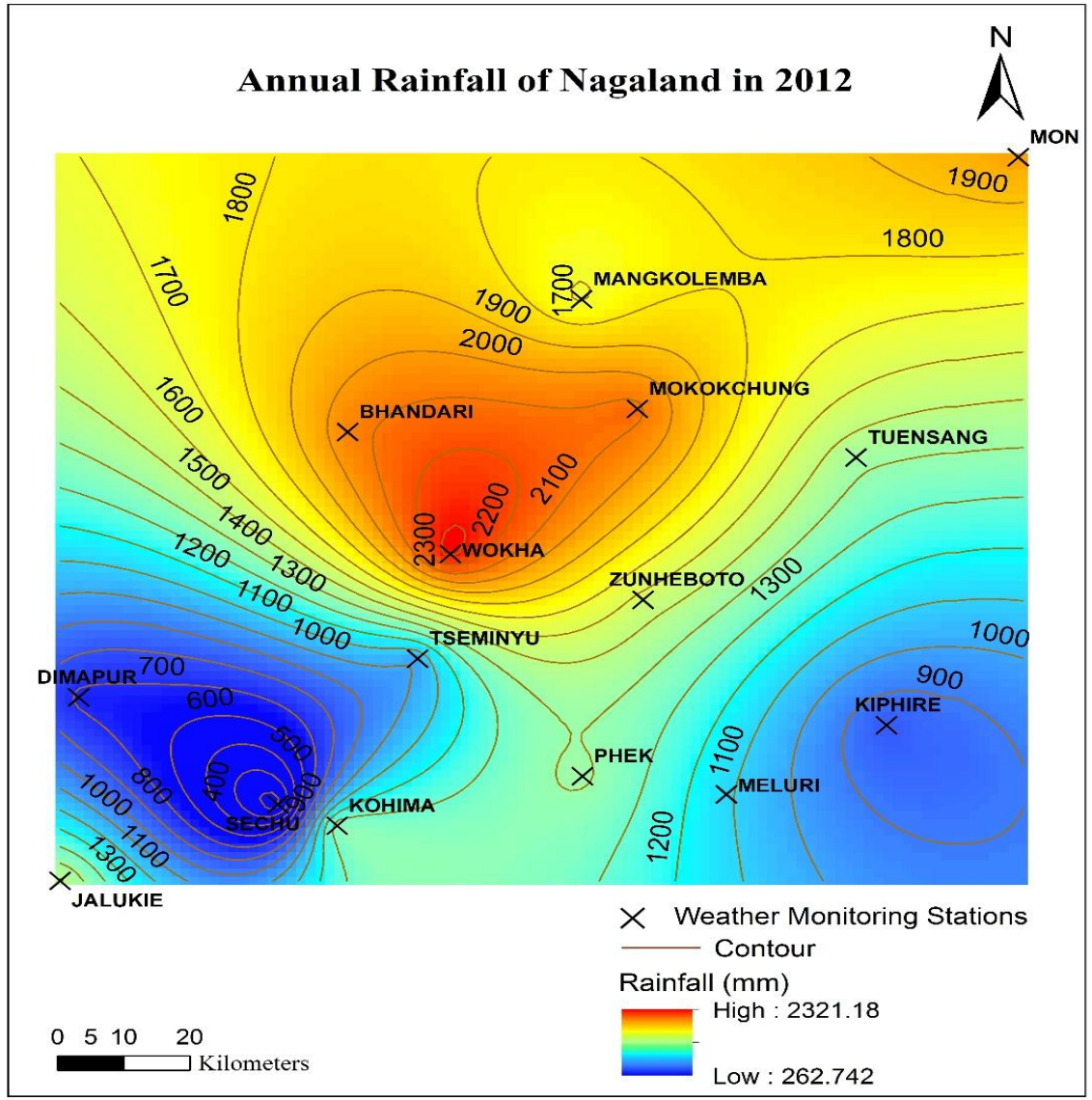
Dr. Johnny Ruangmei.

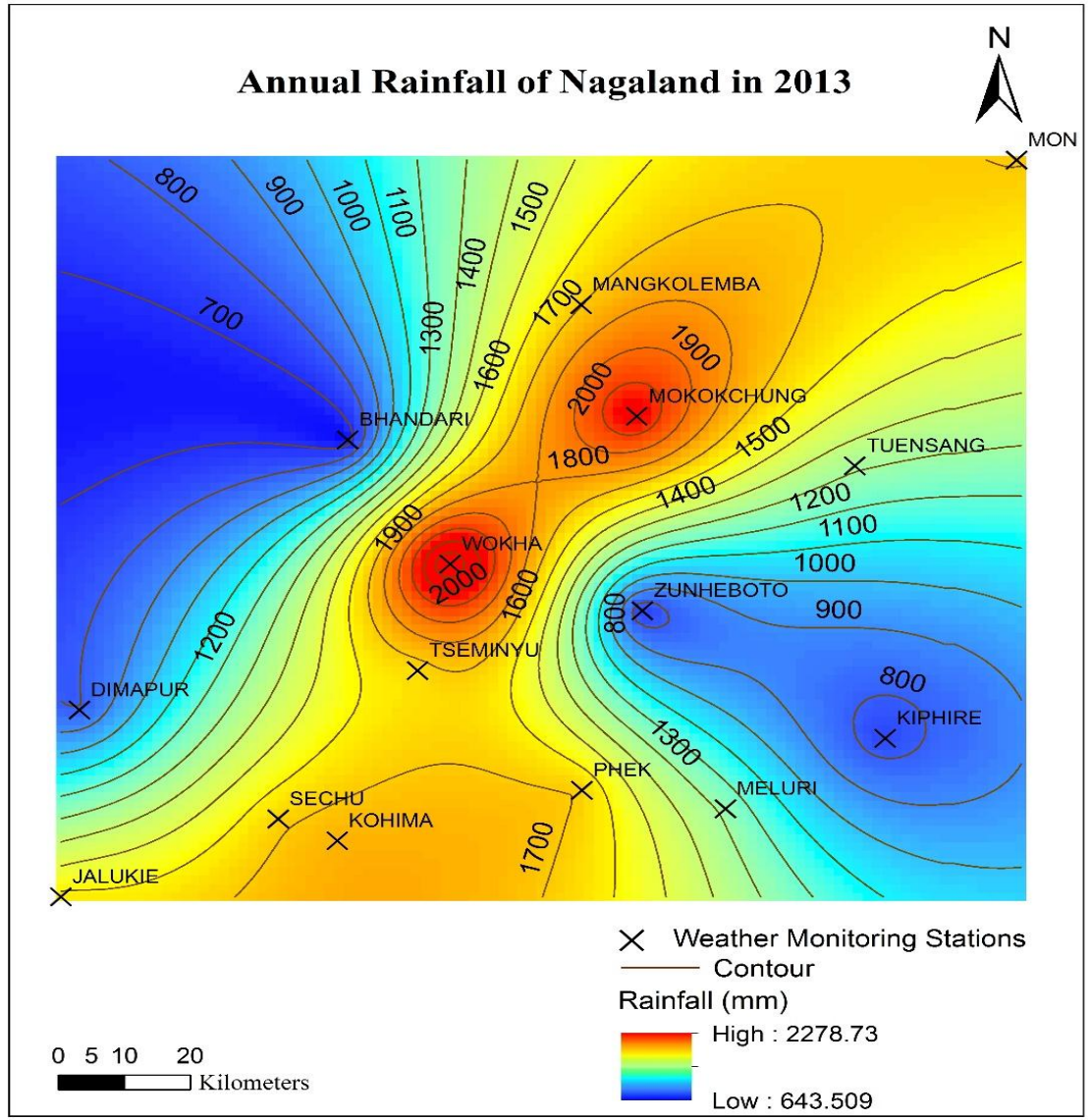
Resilience is a continuous journey and not a destiny

DRR should be a way of life for NER,

- Most precisely because of the increase number of climate change induce disaster events.
- The Climate and Met Data Analysis indicates a reason to worry.
- Adaptation to climate change and response to climate change induce disaster for sustainable and exponential development of NER ***is here.***
- The following analysis show the erratic nature of rainfall and rise of temperature in the State Capital in Nagaland.
  - REASON to worry while we are thinking of POLITICAL, SOCIAL and ECONOMIC development of NER.

Localized Concentrated Rainfall





Socio-Economic Impacts

- Livelihood losses in agriculture, horticulture, and markets.
- Infrastructure disruptions affecting transport.
- Urban flooding and slope instability = increasing vulnerability.
- Rising health risks= occurrences of epidemic.
- Fiscal burden from recurrent repair and relief cycles.

NSDMA Presents,

A modern resilience architecture: NaCDAR, DRTPS, digital mapping.

MCR2030 city-level resilience and governance.

And many other initiatives…

NSDMA's Climate Resilience Architecture- Nagaland transformative foot print.

- NaCDAR & Weather Portal: climate intelligence for anticipatory Governance to be powered by *ELIONA* super Computer of NSDMA.
- DRTPS: Disaster Risk Transfer Parametric Insurance Solution compounding relief assistance & reducing fiscal burden of recovery after Disaster event.
- 3D Digital Hazard & Risk Mapping for planning and for building future ready resilient infrastructure.
- NDMSSP Digital Training for School Teachers- 10,000 trained as of today.
- MCR2030: city-level resilience strategies and ULB capacity building on Climate Risk and Disaster Risk Reduction. Nagaland Urban Resilient Mission (NURM).
- CARe Nagaland (Cooperative Alliance for Resilient Nagaland): A Comprehensive Climate Risk and Disaster Risk Resilient Program of Nagaland to be launched in 2026.

Regional Perspective & Way Forward

- Strengthen regional climate-data collaboration.
- Scale risk-transfer and insurance mechanisms- regional Catastrophy Risk Pool under the name = PM-DAS (Pradhan Mantri Daiveey Aapada Suraksha Scheme.
- Integrate hazard maps into planning for building resilient infrastructure that will outlast terrific monsoon in NE India.
- Build resilient urban systems across the Northeast.
- Empower communities and vulnerable groups.
- Develop NER Climate Risk and Disaster Risk Reduction Framework- in tune with Viksit Bharat 2047.


Thank you!
NSDMA
Towards a Safer & Resilient Nagaland