

## For Immediate Release

### **Ground-breaking platform to enhance countries' ability to absorb, respond, and recover from disasters launched at COP28.**

- *The Global Infrastructure Risk Model and Resilience Index (GIRI) was launched by New Delhi based Coalition for Disaster Resilient Infrastructure (CDRI).*
- *GIRI is the world's first publicly available fully probabilistic risk model with respect to major geological and climate related hazards.*
- *GIRI will provide financial risk metrics to inform governments and investors on liabilities and potential benefits of investing in resilience.*

**8 December 2023, New Delhi:** The New Delhi based Coalition for Disaster Resilient Infrastructure (CDRI) launched its ground-breaking GIRI platform at COP28 in Dubai, today.

GIRI is the first publicly available, fully probabilistic risk model for infrastructure assets with respect to major geological and climate related hazards. GIRI will facilitate greater understanding of the benefits of investing in disaster resilient infrastructure (DRI), by allowing users to interpret the capacity of a country to absorb, respond and recover from disasters.

The 'Map Viewer' on the GIRI Data Platform will allow a user to see a range of hazard layers across different return periods and climate scenarios. Users can, through GIRI, produce a bespoke model to predict changes in vulnerability and capacities over time, and estimate the benefits and returns of investing in DRI. This can also be used to demonstrate and enable the integration of resilience in public investment planning and evaluation, design of public and private infrastructure projects, formulation of resilience-based design standards and calibration of insurance and other risk financing instruments.

At a sectoral level, GIRI can be used to estimate risks specifically relating to power and energy, transport, telecommunications, water and wastewater, ports and airports, oil and gas, and health and education, with respect to most major geological and climate-related hazards including earthquakes, tsunamis, landslides, floods, cyclonic wind, storm surge, and drought.

**Amit Prothi, Director General, CDRI** remarked, *"CDRI is proud to launch its data platform 'GIRI' at COP28, in UAE. GIRI will enable governments to understand the contingent liabilities they face and so inform the development of national infrastructure strategies and plans to reduce risk and strengthen resilience. It aligns with COP28's objectives for inclusivity and solution-driven approaches."*

GIRI datasets can be freely downloaded allowing access by those most at risk and in need and can provide the basis for developing national infrastructure pipelines, policies, and enhanced infrastructure standards.

Other launches by CDRI at COP28 include: DRI Connect – CDRI's one-stop digital stakeholder engagement, learning and collaborative platform for global DRI stakeholders working towards resilient infrastructure systems; Global Methodology for Infrastructure Resilience Review;

Community of Practice on Heat; and Community of Practice on Resilient Infrastructure for Energy Transition: Building Climate Resilience in the Hydropower Sector through Early Warning Systems. Further, CDRI is set to unveil its Urban Infrastructure Resilience Strategy at COP28, marking a significant step toward programmes aimed at enhancing city infrastructure resilience.

---

**About CDRI:**

Launched by the Honorable Prime Minister of India, Shri. Narendra Modi at the UN Climate Action Summit in New York on 23 September 2019, the Coalition for Disaster Resilient Infrastructure (CDRI) is a partnership of national governments, UN agencies and programmes, multilateral development banks and financing mechanisms, the private sector, and academia that aims to promote the resilience of new and existing infrastructure systems to climate and disaster risks in support of sustainable development.

***For further queries, please contact:***

Mallika Srinivasan | (M): +91 9818094372 | [mallika.srinivasan@cdri.world](mailto:mallika.srinivasan@cdri.world)

Haimanti Mukherjee | (M): +91 8826540253 | [haimantim@avianwe.com](mailto:haimantim@avianwe.com)