

Global Methodology for Infrastructure Resilience Reviews



UNDRR

UN Office for Disaster Risk Reduction



Coalition for Disaster Resilient Infrastructure



SENDAI FRAMEWORK

FOR DISASTER RISK REDUCTION 2015-2030

Principles of Resilient Infrastructure

(P1) Continuously Learning - develop and update understanding and insight into infrastructure resilience

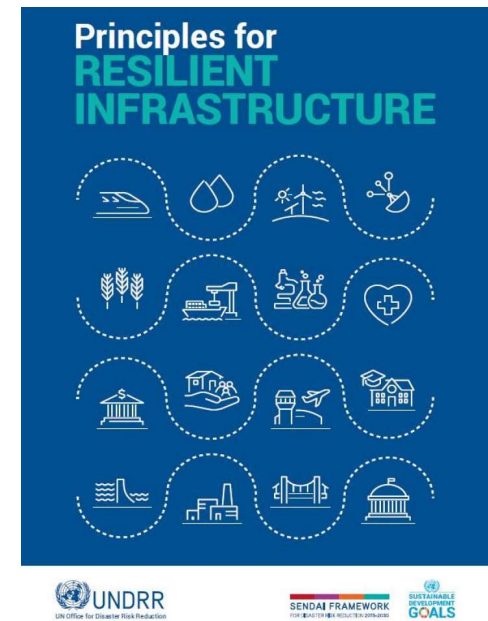
(P2) Proactively protected - proactively plan, design, build and operate infrastructures that are prepared for current and future hazards.

(P3) Environmentally Integrated - work in a positively integrated way with the natural environment

(P4) Socially Engaged - develop active engagement, involvement, and participation across all levels of society

(P5) Shared responsibility - share information and expertise for coordinated benefits

(P6) Adaptively transforming - adapt and transform to changing needs



Handbook for
Implementing the
Principles for Resilient
Infrastructure

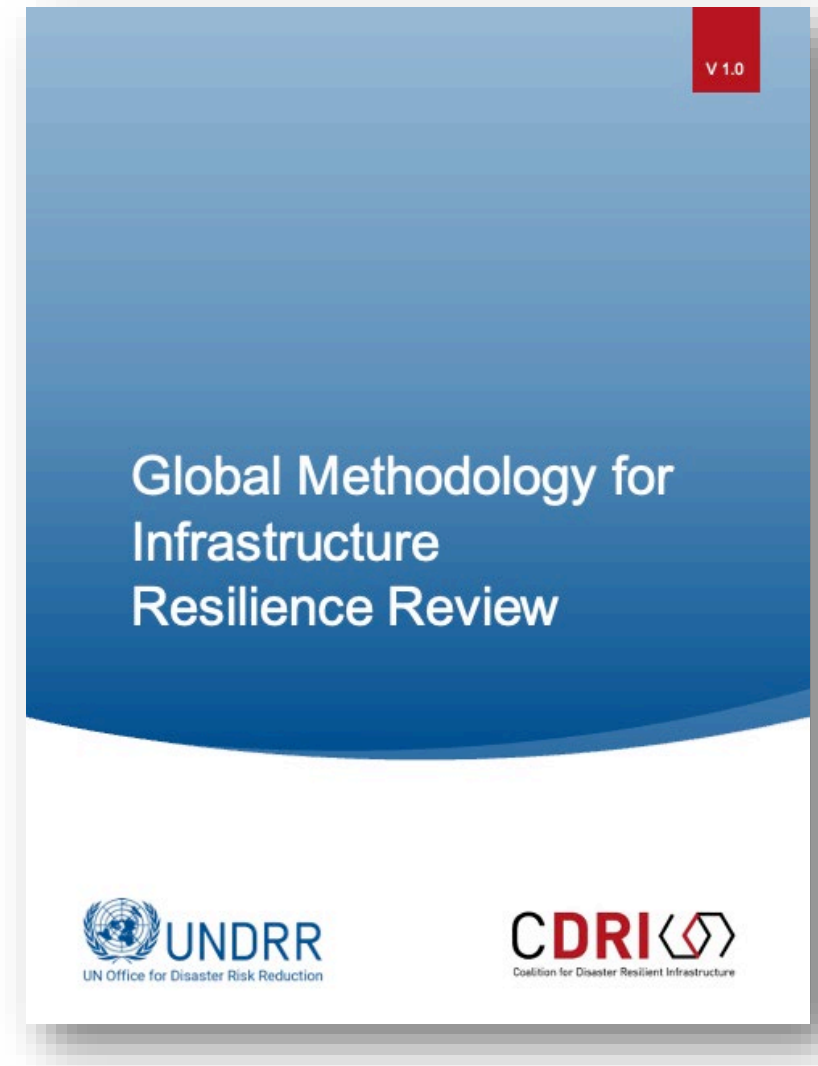


Global Methodology for Infrastructure Resilience Review

- Increased awareness and understanding of infrastructure vulnerability and resilience among key stakeholders
- Strengthened national capacity for risk-informed infrastructure planning and delivery
- Enhanced collaboration between the stakeholders and exchange of knowledge



Tailor to the country context



Five steps methodology



**Map
institutional
governance /
key
stakeholders**

**Review
existing
policies and
regulations**

**Identify
vulnerabilities
(stress-test)**

**Assess
resilience
practices
(Principles)**

**Develop an
Implementation
Plan**

Assessing cross-cutting institutions

Review of inter-sectoral regulatory mechanisms

Collection of data on vulnerability/exposure

Principles
Scorecard exercise

Recommendations & implementation plan

Identifying sector-specific institutions

Review of sector specific policies and regulations

Stress-test analysis

Qualitative
assessment report

Findings workshop

Mapping of institutions & stakeholders

Study alignment of policies with the Principles

Final Report