

CDRI GIRS 2

Infrastructure and Buildings Working Group

25 June 2025



Global Infrastructure Resilience Survey (GIRS) 2nd Edition

George M. Karagiannis, Risk and Resilience Director, International
Coalition for Sustainable Infrastructure (ICSI)

ICSI IS **THE** GLOBAL MOVEMENT FOR ENGINEERING ACTION

ICSI is the **voice of the engineering community** on **infrastructure sustainability, resilience and climate action**.

We place engineers at the forefront of climate action, harnessing their ability to provide solutions and matching it with urgent demand. The solutions we develop and promote will deliver impact “on the ground” where it is needed most.



The engineering community has the technical expertise and the credibility to deliver resilient and sustainable infrastructure solutions that are transferable, adaptable and outcomes-based.



Policymakers and infrastructure owners and operators have an urgent demand for climate action in infrastructure.

- Delivering through strategic partnerships
- Scaling up through thought leadership and knowledge-sharing
- Facilitating global impact

Objectives of the Global Infrastructure Resilience Survey (GIRS)

As the impacts of disasters and climate change continue to escalate, there is an urgent global need to assess how national infrastructure systems can absorb, respond to, and recover from such events, as well as adapt to an evolving risk landscape.

The GIRS seeks to provide the broader perspective of infrastructure professionals and experts on the following aspects:

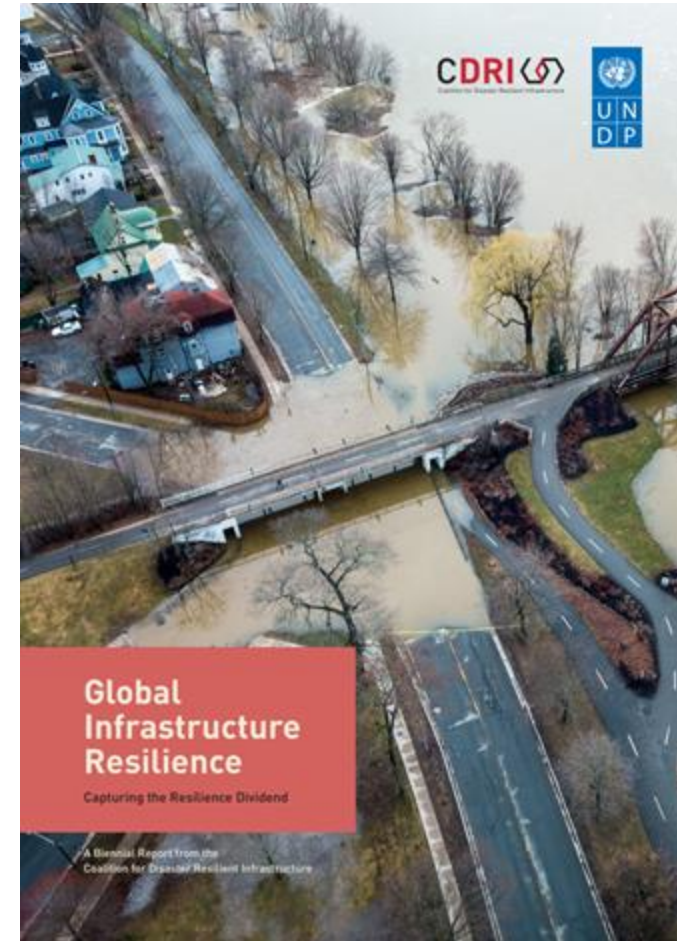
- Current status of national capacity of infrastructure systems globally to absorb, respond to, and recover from disasters, and adapt to a changing risk landscape.
- Governance, institutional and human capacities to identify regional differences in the quality of infrastructure management.
- Insights on how to improve resilience implementation through e.g. policies, maintenance, accountability, disaster response, financial capacity, institutional stability, and technical capability.

Objectives of the Global Infrastructure Resilience Survey (GIRS)

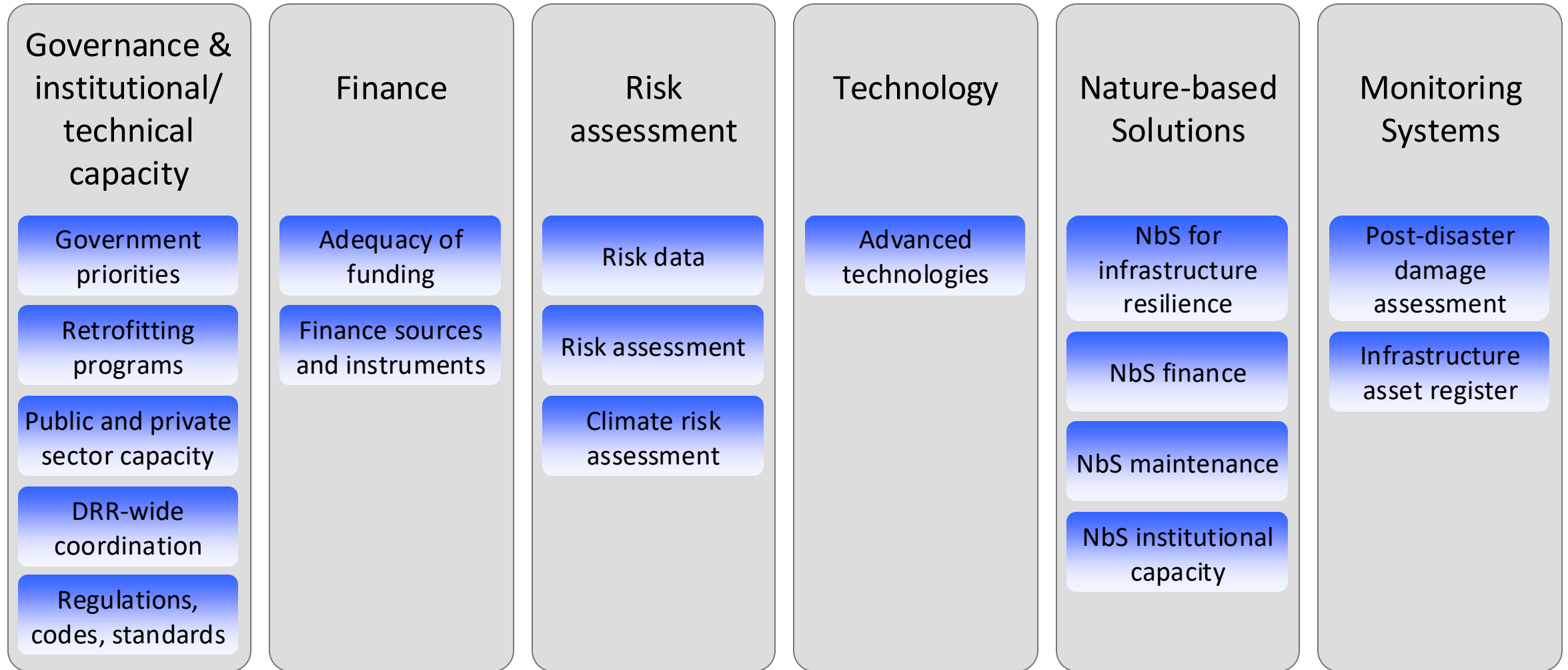
The survey represents a unique opportunity to shape the future of infrastructure resilience worldwide. It will deliver unprecedented insights into infrastructure resilience across regions, sectors, and institutional structures.

The survey underpins and provides evidence for the second edition of the Coalition for Disaster Resilient Infrastructure (CDRI) flagship report: **the CDRI Biennial Report on Global Infrastructure Resilience**, which is becoming a vital resource for policymakers, practitioners, and researchers worldwide. It will be published alongside the survey findings toward the end of the year.

CDRI is a partnership of national governments, UN agencies and programmes, multilateral development banks and financing mechanisms, the private sector, and academia that promotes the resilience of new and existing infrastructure systems to climate and disaster risks in support of sustainable development.



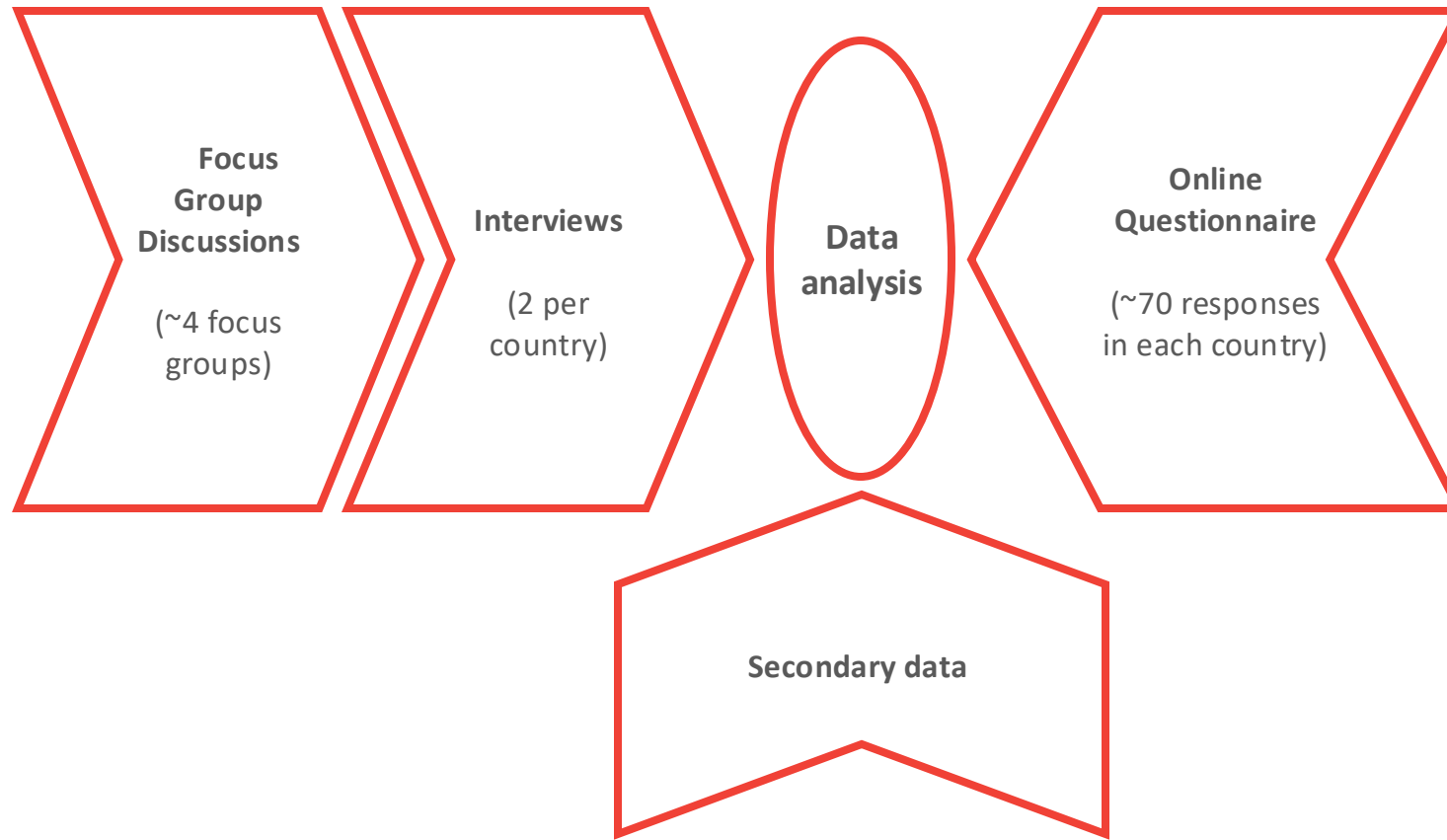
Global Experts Survey: Key Themes



Approach

Qualitative Methods

Quantitative Methods



- 40-50 target countries
- ~70 questionnaire responses from each country
- Focus Group Discussions including in Brazil, Ghana, Italy, India
- ~80 interviews
- Secondary data such as World Risk Poll & InfraTracker
- Building on Pilot Survey in 1st edition of Biennial report

Primary audience for survey

Primary target audience

Infrastructure Engineers and Technical Specialists

Technical Specialist or Consultant (Engineering, Architecture, Construction)

Infrastructure Engineers (civil, structural, systems, environmental engineering)

Infrastructure Planners and Designers

Urban planners

Architects

Sustainability specialists

Operations and Maintenance Professionals

Infrastructure Service Provider or Utility Provider (private and public entities)

Asset managers

Maintenance contractors

Secondary target audience

Government officials/policymakers

GIRS' Primary Target Audience consists of professionals working on downstream aspects of infrastructure, including construction, maintenance, operation, repairs, and use.

The focus is on individuals who possess a thorough understanding of how institutions, policies, and governance operate in the field.

50 target countries for survey

[illegible]

Structure of questionnaire

Introduction (including privacy policy)

Section 1 - About you (country, employment, job function, sector)

Section 2 - Risk Assessment

Section 3 - Governance and institutional/sector capacity

Section 4 - Finance

Section 5 - Technology

Section 6 - Nature-based solutions (NBS)

- The GIRS questionnaire is available in **English, French, Spanish, and Portuguese**
- Takes 10 minutes to complete and is open until mid-July
- Multiple choice answers (you can skip questions)
- Choose a country and an infrastructure sector you are most familiar with and answer from this perspective (you can do it more than once)
- Responses are completely anonymous and will only be reported as part of larger trends and patterns

Global Infrastructure Resilience Survey (GIRS)

Section 1 - About you

* 2. Please select the **country** where you have the most infrastructure-related work experience from the list below. Your answers will be relevant to this country.

* 3. Please select the **organization type** that best describes your employer from the list below. (Select all that apply)

- ☐ Government
- ☐ Private Sector
- ☐ NGO
- ☐ Academia
- ☐ Financial Institution
- ☐ International Organization

* 4. Which of the following best describes **your job function**? (Select one)

- ☐ Consultant
- ☐ Designer
- ☐ Contractor
- ☐ Planner
- ☐ Manager (Operations, Project, HSE, other)
- ☐ Analyst
- ☐ Financier
- ☐ DRM Professional
- ☐ Academic staff

Next Steps

Ensure that your country and sector are well represented in this groundbreaking initiative.

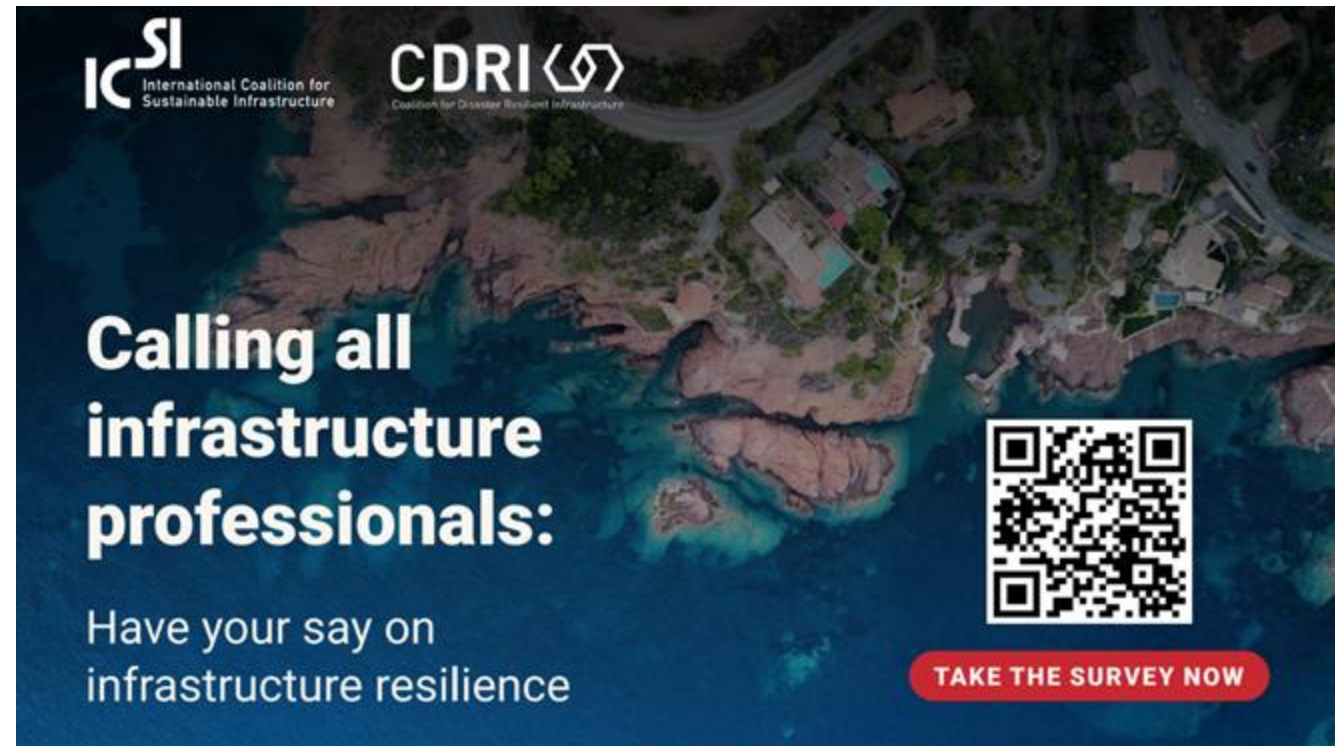
The working paper for the survey will be published in Q4 2025, and the final CDRI report will be published at COP 30.

Please take the survey and share amongst your networks!

An easy way to disseminate is to share on LinkedIn by reposting ICSI's content.

Survey link:

<https://www.surveymonkey.com/r/GIRS2>



Thank you for your time!