

IRDR: An Introduction

David Johnston

Integrated Research on Disaster Risk (IRDR)



IRDR

Integrated Research on Disaster Risk

Background

Why, despite advances in the natural and social sciences of hazards and disasters, do losses continue to increase?

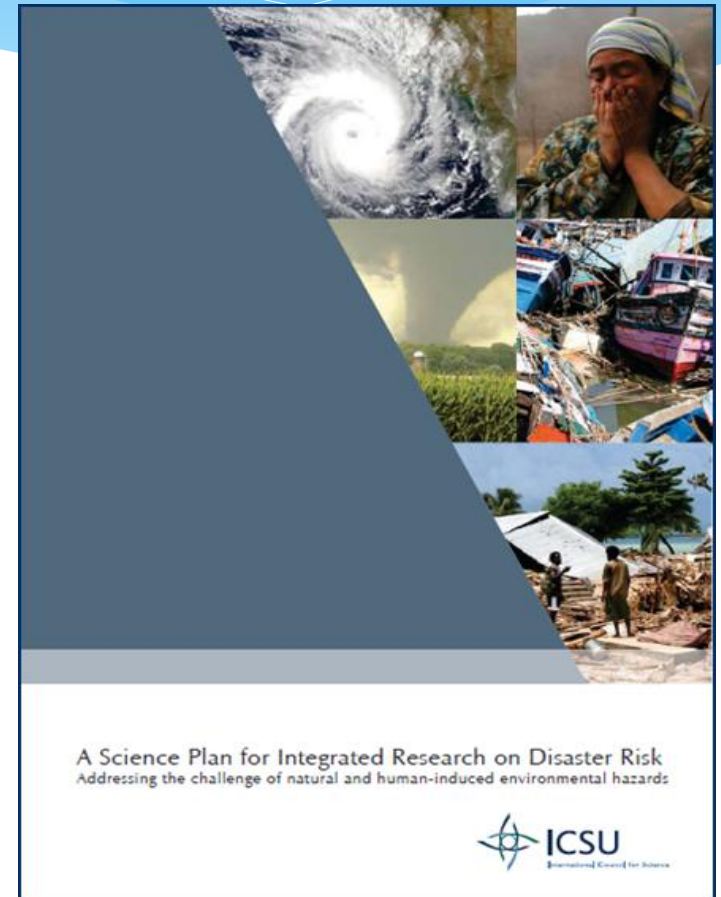
How do we address the lack of sustainability in current disaster practices?



IRDR Science Plan

Addressing the challenge of natural and human-induced environmental hazards

An *integrated approach* to research on disaster risk through: an *international, multidisciplinary* (natural, health, engineering and social sciences, including socio-economic analysis) *collaborative* research programme.



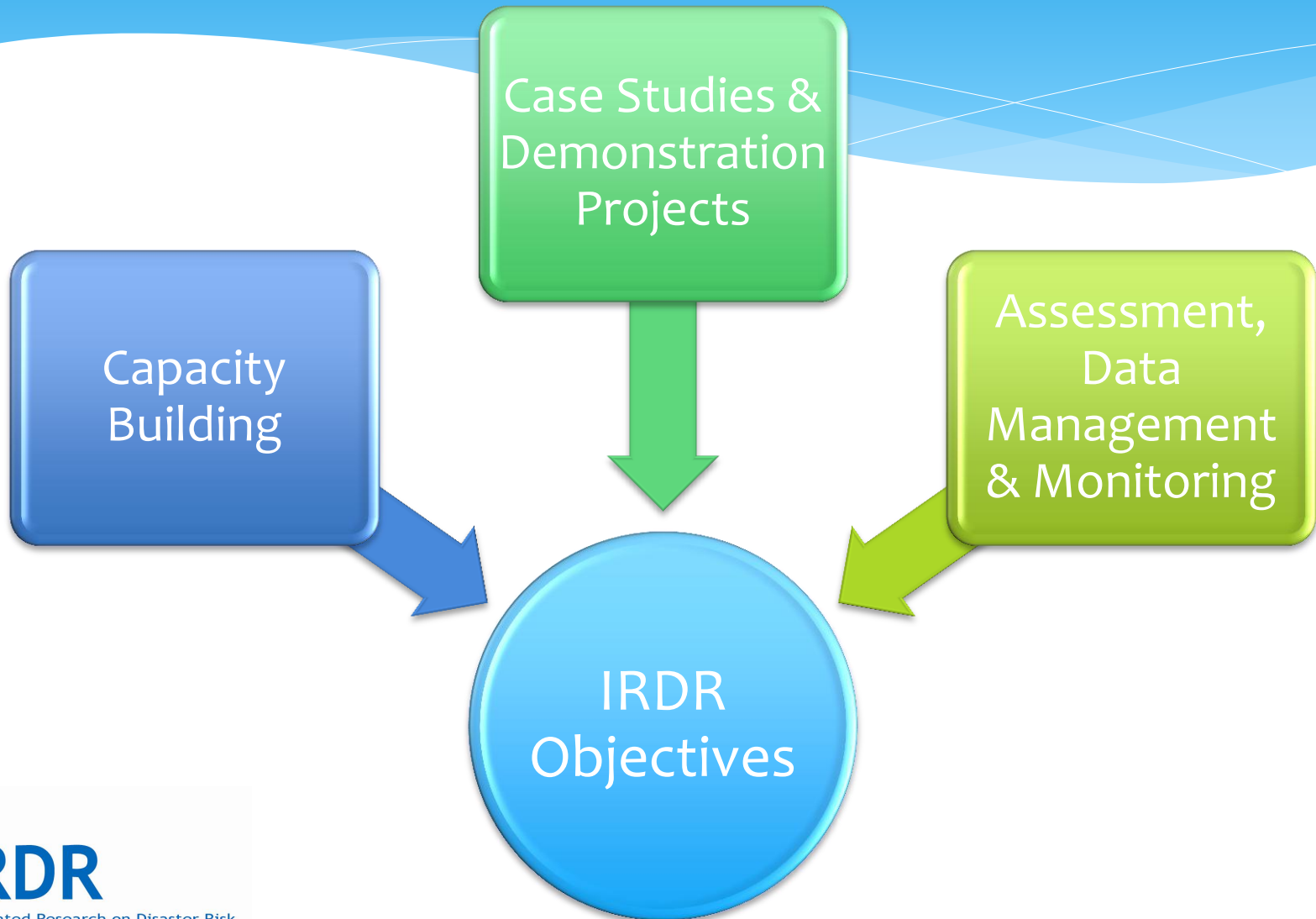
IRDR Objectives

Characterization of hazards, vulnerability, and risk

Understanding decision-making in the complex and changing risk contexts

Reducing risk and curbing losses through knowledge-based actions

Cross-Cutting Themes



Four current projects

- * Forensic Investigations of Disasters (FORIN)
- * Risk Interpretation and Action (RIA)
- * Assessment of Integrated Research on Disaster Risk (AIRDR)
- * Disaster Loss Data (DATA)



National Committees & ICoE

- * Canada
- * China
- * France
- * Germany
- * Japan
- * New Zealand
- * United Kingdom
- * Others welcome!!!
- * Taipei ICoE
- * Vulnerability and Resilience Metrics (USA)
- * Community-based Resilience (New Zealand)



Thank you

www.irdrinternational.org