Resilient Cities 2018

**Stephan Zimmermann, DRM Specialist, The World Bank**

A *resilient city* can adapt to a variety of shocks and stresses while still providing essential services to its residents, especially the poor and the vulnerable.

Why focus on resilience?

The short answer:

- Risks are becoming more complex

- Urbanization, globalization, and climate change are interacting in a way that is unprecedented

- At the same time, systems and people are becoming increasingly interlinked

- This requires us to think differently about cities and how to address the risks they face
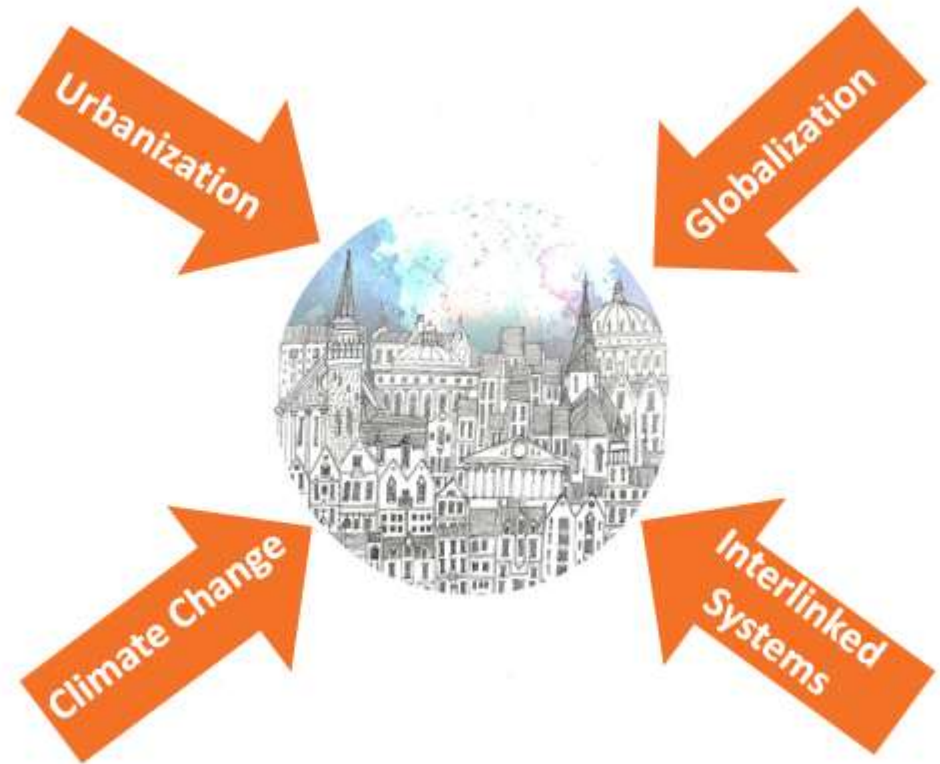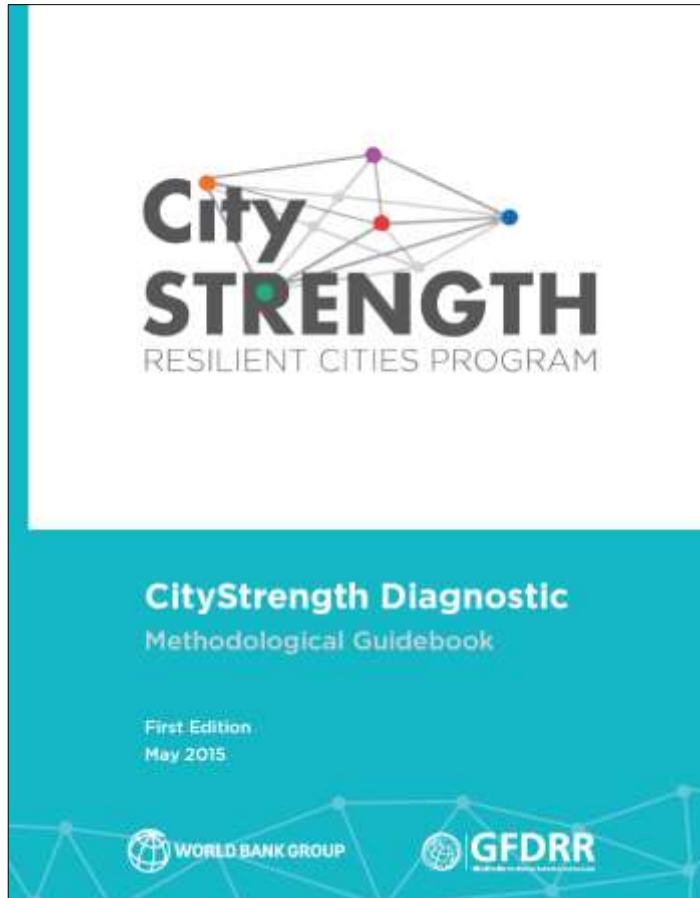
Urbanization is one of several forces making risks more complex and unpredictable

Because cities depend on a complex network of infrastructure, institutions, and information – the resilience of each informs the resilience of the city as a whole

Guidebook

CityStrength Diagnostic
Methodological Guidebook

First Edition
May 2015

☑ **A step-by-step implementation roadmap**

☑ **Templates (city baseline; risk overview)**

☑ **Presentations (launch workshop; debriefing session)**

☑ **Sample agendas (launch workshop; interview & field visit activities)**

☑ **Worksheets (guiding questions; prioritization lenses)**

☑ **Guidance on analyzing findings and prioritization of issues**

Revised Edition in May 2018!

- Facilitates a *dialogue* with city stakeholders about risk, opportunity, and the *performance of urban systems*

- An engagement *process*, not a study

- Helps cities identify *priority actions and investments* for more in-depth support from the World Bank or other development partners

- Provides a *multi-sectoral team* of specialists with a methodology for engaging with the city on the topic of urban resilience

- Measures the city's performance against pre-defined *qualities of resilience*

Stages of the CityStrength Diagnostic

ENGAGEMENT

CityStrength Diagnostic

NEXT

Diagnostic could be used with existing Bank clients or as a means of engaging with a new client – this will impact its focus.

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Pre-Diagnostic Review	**Launch Workshop**	**Field Visits & Interviews**	**Prioritization Session**	**Recommendations & Action Plan**
Review and synthesize what has already been studied in the city. Compile data and prepare base maps.	*Get stakeholders together, explain the process, share and confirm findings of the Desk Review, and define/ confirm shocks and stresses.*	*Talk to local experts, officials, community members, and conduct site visits. Update base maps.*	*Working session to share sectoral findings and agree on priorities and follow-on actions to recommend.*	*Closing session with local leaders to summarize findings of the Diagnostic and agree on priorities and next steps.*

Engagement plan

Studies and surveys to fill data gaps

Feasibility studies for critical infrastructure or programs

Scope for technical assistance

Concept for a project

Sectoral Modules

Required Modules:

Urban Development Disaster Risk Management Community & Social Protection

Optional Modules:

HUMAN SERVICES:

Education

Health

ECONOMICS:

Municipal Finance

Local Economy

BASIC SERVICES:

Energy

Environment

Solid Waste

Transportation

Water & Sanitation

TECHNOLOGY:

Information & Communications Technology
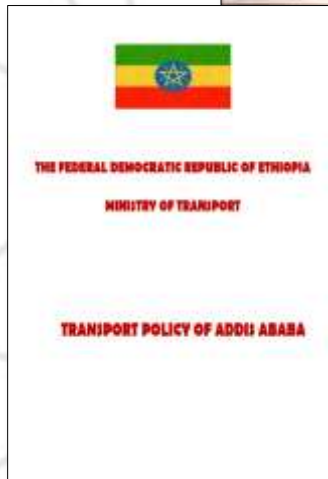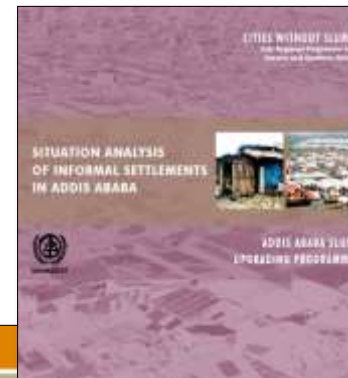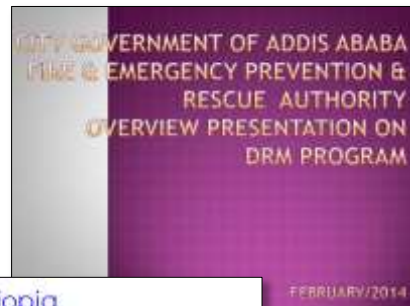
Logistics and Supply Chains

New Modules (2018):

- **Cultural Heritage**
- **Flood Plain Management**
- **Food Systems**

Stage 1: Pre-diagnostic Data Collection

- Leverage existing studies, plans, and data
- Map actors and initiatives
- Introduce local stakeholders to the CityStrength Diagnostic and engage their support

Stage 2: Launch Workshop

- Inform relevant stakeholders about planned activities
- Place the interests and priorities of the city into a holistic framework of resilience
- Demonstrate commitment by high-level government officials
- Get confirmation on the main findings of the pre-diagnostic, including hazards and priority sectors

Stage 3: Interviews & Field Visits

- Assess the performance of key urban sectors in relation to the characteristics of resilience
- Guiding questions (sectoral modules) provided to sector specialists
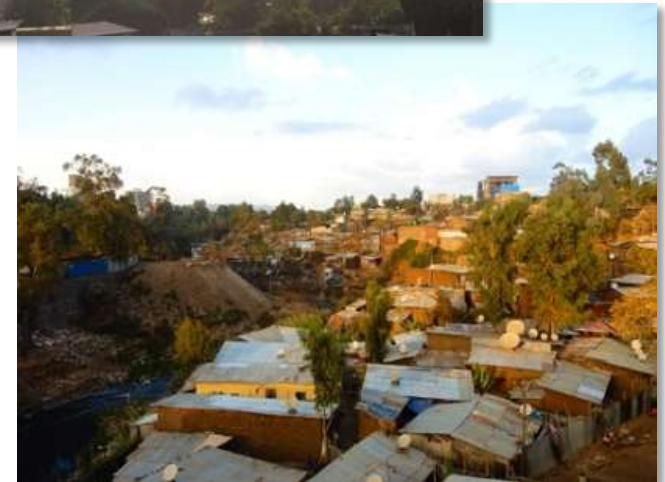
Stage 4: Prioritization

Prioritization Process:

- Helps structure and analyze sectoral findings
- Takes a flexible approach – "no one-size-fits-all'
- Supports a shift from sectoral silo thinking to cross-sectoral discussion
- Emphasizes actions and investments demonstrating co-benefits

Prioritization Lenses:

1. Shock and Stress Assessment, and immediate threats
2. Dependencies and Interdependencies
3. Holistic Resilience
4. Alignment with Local Goals

Resource 19:
Prioritization Lens 2

PART A - IMPACT FROM OTHER SECTORS

If any other urban sector were to be damaged or impacted by a shock or stress, how might this impact your sector? Review horizontally. Leave blank if no impact. When completed, highlight areas of significant impact in red.
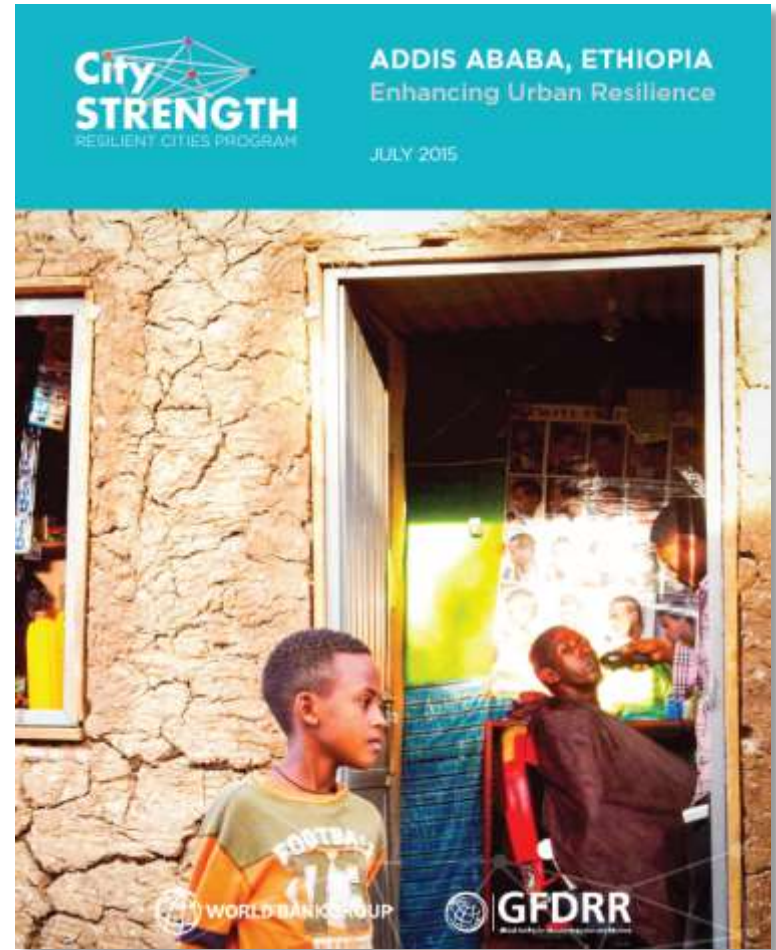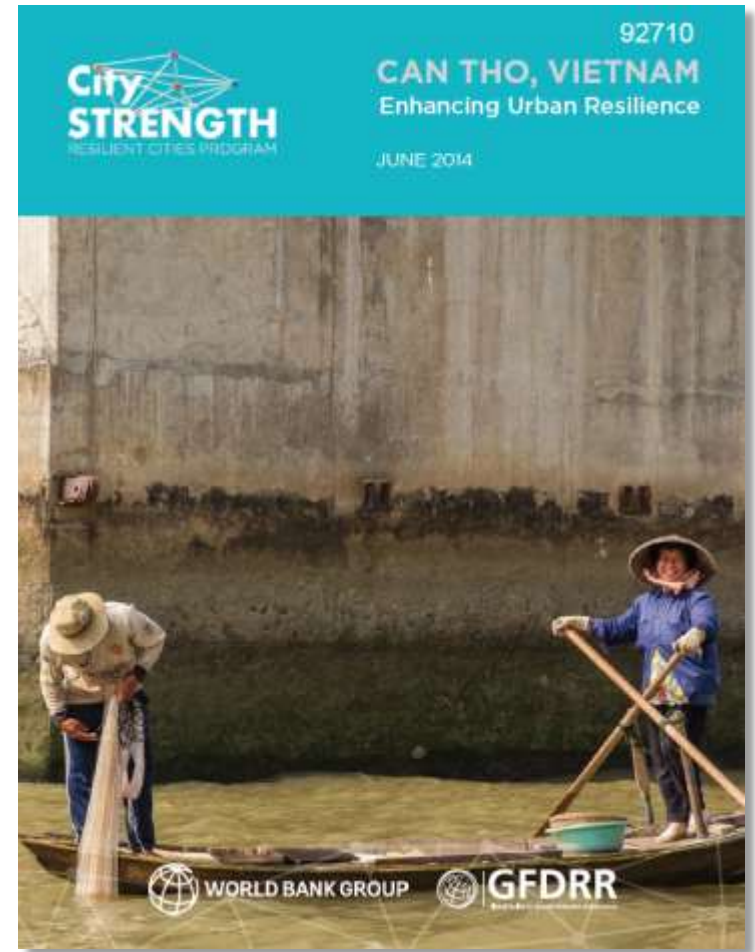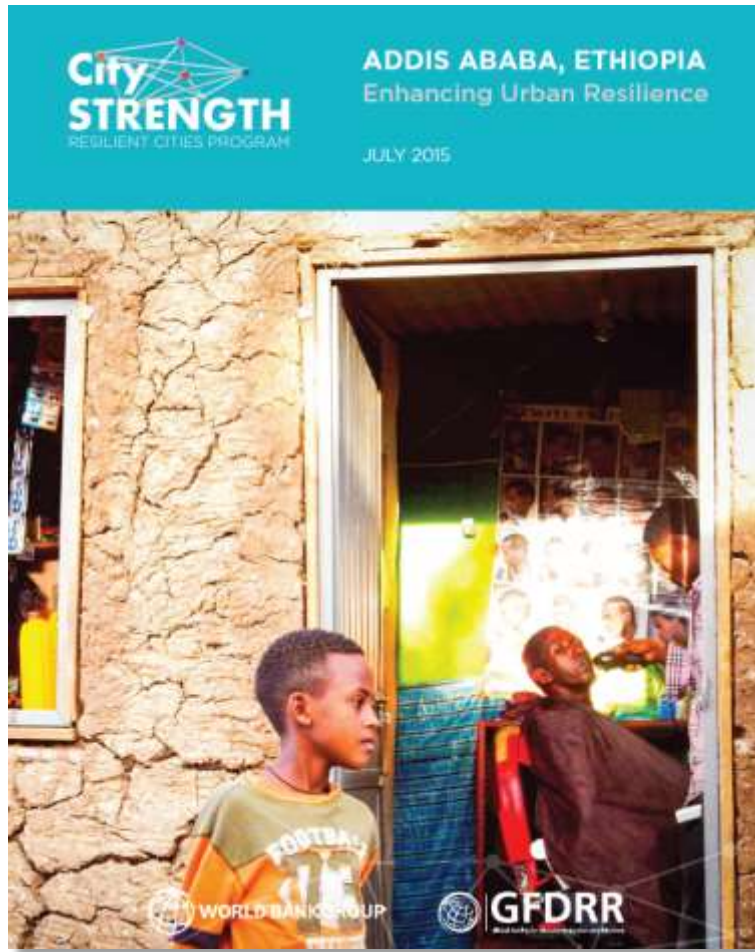
Stage 5:Debriefing & Discussion

- Present and discuss recommendations with the city leadership

- Agree on priority actions and critical investments needed to enhance the city's resilience

- Agree on next steps for engagement

CityStrength Diagnostic Pilots

Can Tho, Vietnam

Priority Actions

- **Strengthen institutional capacity and legislative frameworks** for an effective integrated flood risk management approach.

- Enhance the **collection, sharing, and use of data** on public assets, buildings, population, and risks.

- Improve the analysis of climate impacts through **standardized damage and loss assessment procedures** that will enable local officials to quantify the impact of flooding on the local economy and budget.

- Strengthen **financial management and capital investment planning** to facilitate better prioritization, monitoring, and achievement of economic development goals for more sustainable infrastructure investments.

Priority Investments

- **Flood protection measures** in the urban core to make it a more attractive and safe place to live and do business.

- Use **transport investments** to guide urban growth to higher elevation areas and meet the needs of a modernizing city.

- Invest in **sanitation** to protect public health and support the economic base of the city.

- Continue to focus on **urban upgrading** as a means of addressing encroachment on drainage canals and targeting support to poor and vulnerable groups in the city
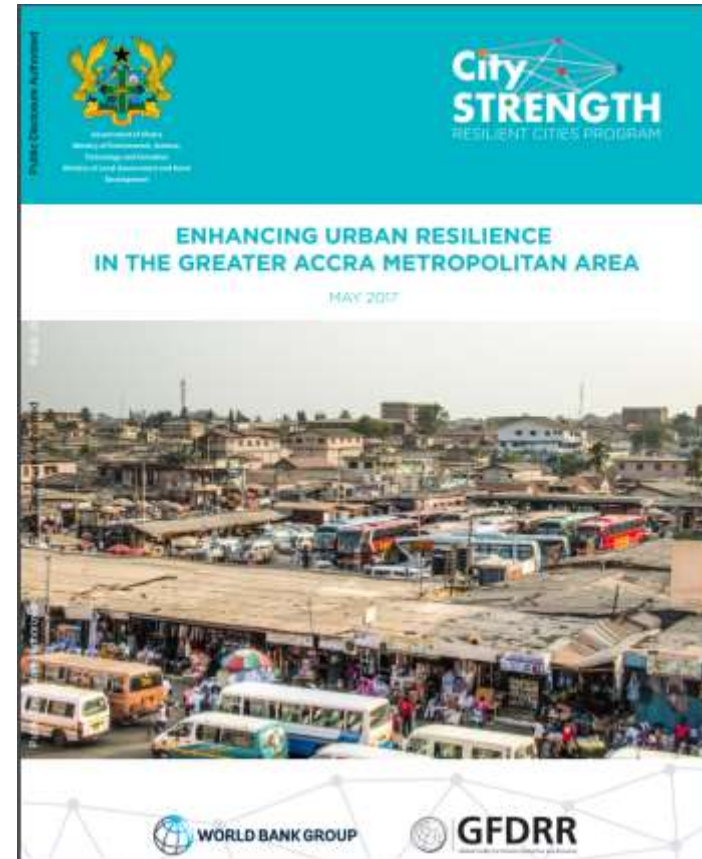
CityStrength Diagnostic Implementation

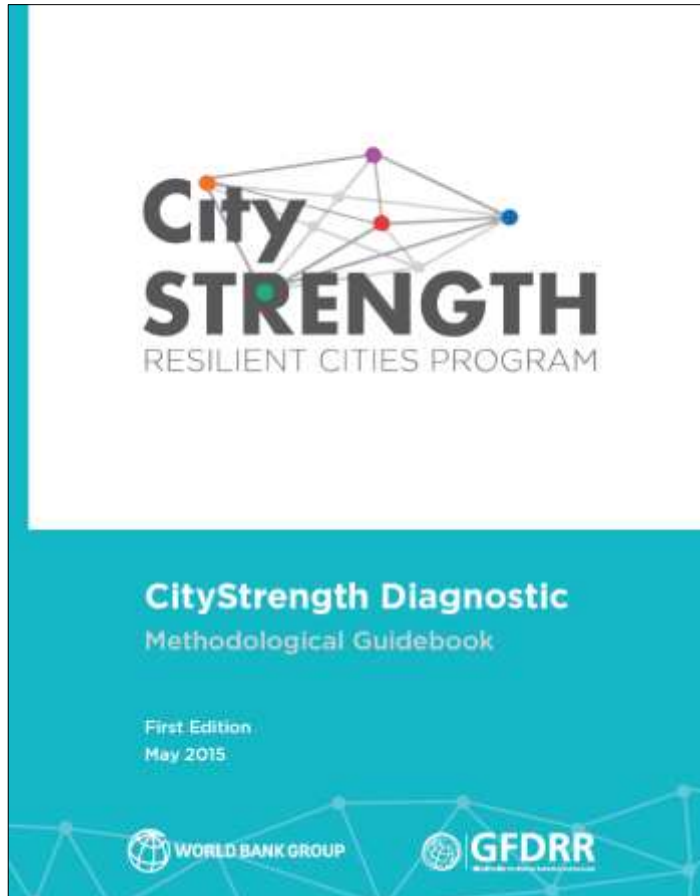**ETHIOPIA:**

- Implemented in 10 additional cities

ACCRA, GHANA:

- Implemented at metropolitan scale in 16 municipalities

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THANK YOU

http://www.worldbank.org/en/topic/urbandevelopment/brief/citystrength

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