ICMA CityLinks Climate Adaptation Partnership Program
+ UCCRN Climate Experts

Somayya Ali Ibrahim, Columbia University
Program Manager, UCCRN

July 8, 2016
ICLEI Resilient Cities 2016
Bonn
UCCRN Mission

Provide knowledge that enables cities* and metropolitan regions to fulfill their climate change leadership potential in both mitigation and adaptation, with a focus on developing resiliency**

Over 700 scientists, scholars, and expert practitioners spanning a broad range of expertise

More than 100 developed and developing cities around the world

Formed in 2007 at the time of the C40 Summit in New York

*and their metropolitan regions
**with focus on developing resiliency
Climate Projections for ARC3.2 Cities

Climate Projections for UCCRN Cities: 2050s

Temperatures to rise between $1^\circ C$ and $4^\circ C$

Precipitation changes between $-25\%$ and $+20\%$

Sea level rise projections $16 - 50$ cm

Up to $147$ cm in the 2080s
UCCRN Regional Hubs of Action

- **UCCRN Regional Hubs – Launched**
  - Durban, South Africa
  - Sydney, Melbourne, and Canberra, Australia
  - New York, NY, USA
  - Rio de Janeiro, Brazil

- **UCCRN Regional Hubs – In discussion**
  - Shanghai, China
  - Paris, France
  - Aalborg, Denmark
  - Philadelphia, PA, USA
  - Dhaka, Bangladesh
  - Sao Paulo, Brazil
  - Bangkok, Thailand
  - Manila, Philippines
  - Sydney, Melbourne, and Canberra, Australia

**Legend**:
- Orange dots: UCCRN Regional Hubs – Launched
- Green dots: UCCRN Regional Hubs – In discussion
CAPP engages cities in a 9-12 month partnership program that includes peer-to-peer learning opportunities and technical assistance exchanges, focused on addressing climate adaptation challenges impacting urban systems and the needs of the urban poor. Technical assistance is provided by ICMA and UCCRN municipal and climate experts.
Representatives from Semarang, Gold Coast, and CityLinks on a site visit in Semarang.

Representatives from La Ceiba, Somerville, and CityLinks on a site visit in Honduras.

The CityLinks delegation with municipal leaders from Portmore during a site visit.

Representatives from Shimla, Boulder, and CityLinks on a site visit in Shimla.
ARC3.2 Case Study Docking Station

An online, searchable, open-source database with 115+ city Case Studies
Case Study Cities in ARC3.2

Population of Metropolitan Area
- Mega (more than 10,000,000 inhabitants)
- Large (5,000,000 to 10,000,000 inhabitants)
- Big (1,000,000 to 5,000,000 inhabitants)
- Intermediate (500,000 to 1,000,000 inhabitants)
- Small (100,000 to 500,000 inhabitants)
- Very Small (Less Than 100,000 inhabitants)
Portmore - Townsville: CityLinks Climate Change Adaptation Partnership

**Primary Goal**: Create a Climate Change Action Plan for the City of Portmore that will be integrated into a wider Sustainability Plan for the City and become the model for other Cities and Communities in Jamaica.
Some Project Expected Outcomes

1. UCCRN Climate Projections for Portmore that include temperature, precipitation and sea level rise.

2. Updated storm surge and flood scenarios with projected sea level rise accounted for.

3. A Sustainable Development Plan with climate change projections mainstream throughout.

4. The launch of a comprehensive, actionable Climate Change Citizen Science initiative in Portmore.
April 2016 Visit

Coastal Erosion Observation and Clean-up

Climate Change Action Plan Workshop

Mayor Thomas Donating Townsville’s Temperature Sensor to Waterford High School