



Presentado en el seminario:

Cambio Climático y Planificación del Territorio: Casos de Estudio de Adaptación en Políticas Urbanas y Sector Privado

25 Febrero 2015

8:00 - 17:30

*Hotel Rosales Plaza
Bogotá, Colombia*

A photograph of a rural village scene. In the background, there is a long, low building made of vertical wooden slats. To the right of the building is a large, conical haystack made of dry straw. Several people are visible in the background near the building. In the foreground, a woman in a pink top and purple skirt is walking towards the left, carrying a baby on her back. She is followed by three young children. The ground is dry and dusty, with some green vegetation on the left. The sky is clear and blue.

Population Dynamics and Climate Change Adaptation

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OVERVIEW

- Part 1: Climate Change and Development
- Part 2: Population and Development
- Part 3: Linking Population and Climate Adaptation
- Part 4: Exercise



Part 1: Climate Change and Development



The impacts of climate change



Source: United Nations Photo



Source: United Nations Photo



Vulnerability and adaptive capacity vary widely



Source: <http://www.wunderground.com/blog/JeffMasters/comment.html?entrynum=1290>



Source: <http://coastalcare.org/sections/inform/page/38/>



Part 2: Population and Development



Population Dynamics

- Population growth
- Urbanization
- Spatial distribution/migration
- Age structure





Population Growth

- Growth is determined by trends in fertility, mortality, and migration
- In less developed regions, fertility has greatest effect on future population size
- Population projections: embody assumptions about future fertility
 - Medium fertility scenario assumes every country's fertility rate will stabilize close to 2.1 children per woman



Urbanization



- More than half the world's population lives in urban areas
- Most future population growth will be in cities in towns of less developed regions
- Urbanization presents opportunities and challenges for development



Migration

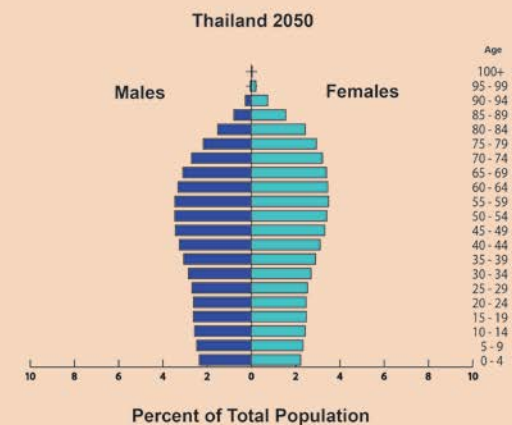
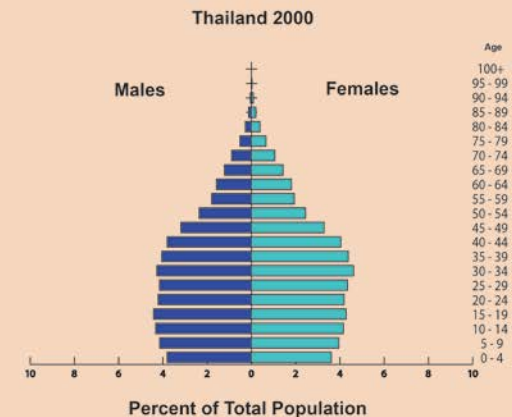
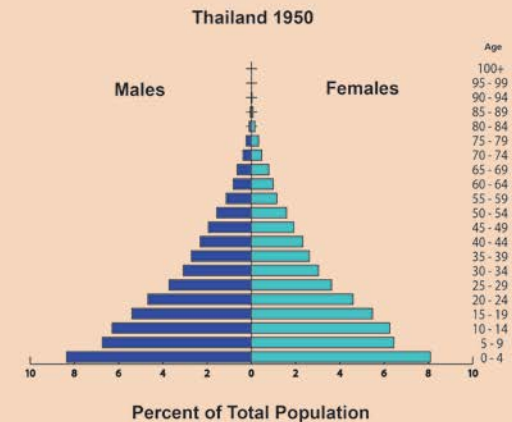
- International and within countries
- Rural-urban migration a major trend in many countries
- Likely to have growing significance for disaster risk reduction strategies and sustainable development initiatives





Age Structure

- Population momentum
- Implications of young population
- Implications of elderly population





Fertility, Reproductive Health and Development

- Fertility carries important considerations for health, education and income
- Fertility outcomes closely tied to:
 - Infant mortality
 - Girls' education
 - Economic opportunities for women
 - Access to reproductive health and family planning services
- Family planning works, but need remains high
- Benefits of girls education



Part 3:

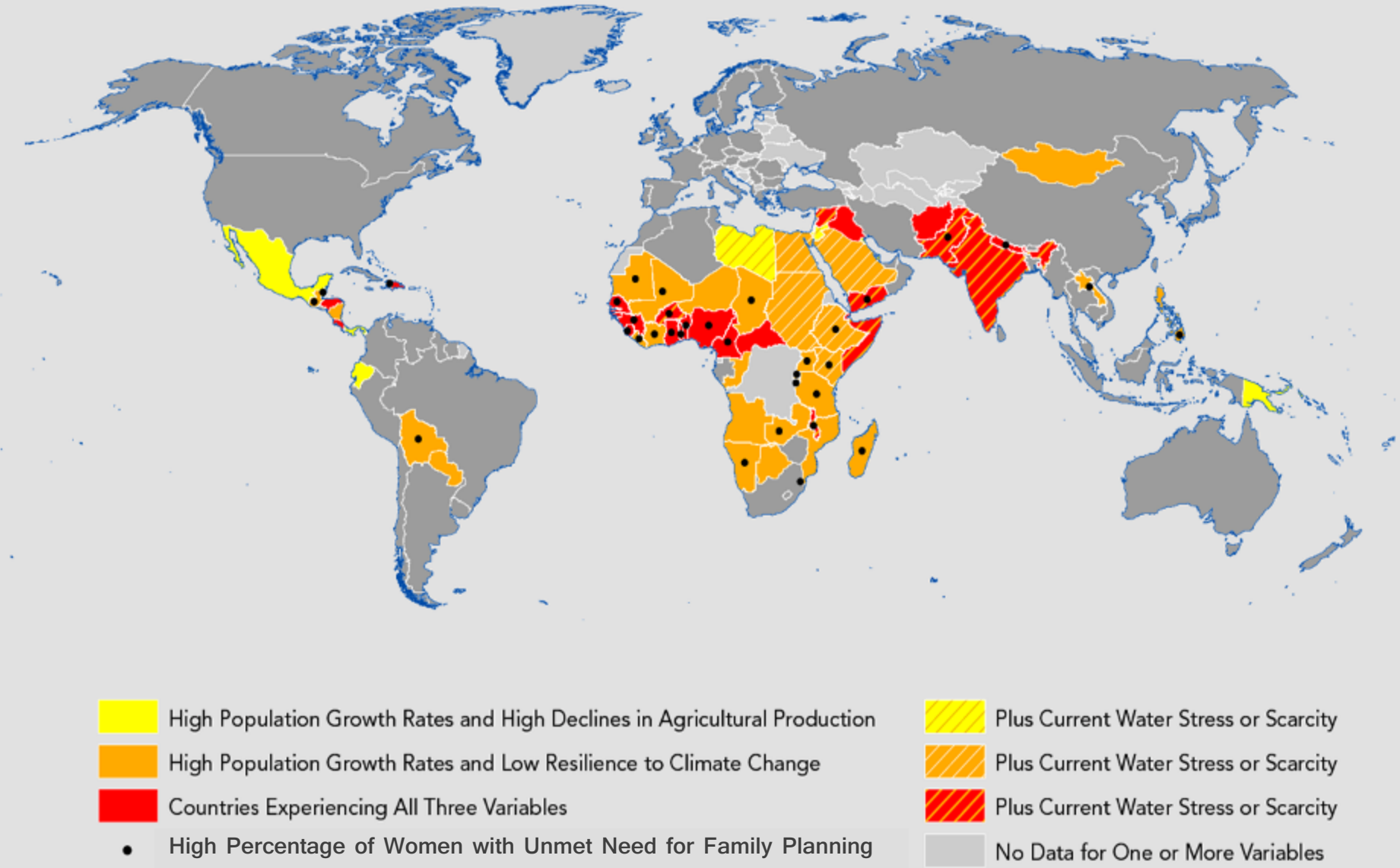
Linking Population and Climate Adaptation



Population trends that matter for climate change vulnerability and adaptive capacity

- Population growth
- Urbanization
- Migration
- Age structure
- Fertility and reproductive health

Family Planning in Population and Climate Hotspots





Urbanization and Disaster Risk





Migration and Mobility





Age Structure



Photo credits: AFP/Getty Images; and
http://www.fightingmalaria.gov/news/photo_galleries/pmi/photo_01.html



Fertility and Reproductive Health



Photo credit: Kathleen Mogelgaard



Discussion

- **Identify the relevant concepts**

Describe the ways in which ____ (population growth, urbanization, migration, women's empowerment/reproductive health) is relevant for climate change vulnerability concerns in Colombia.

- **Select the top three issues**

Which linkages would you consider most important? What criteria did you use to determine these were the top three?

- **Summarize discussion for reporting back**

Successes, challenges, as well as any identified gaps or barriers should be highlighted. Please share one or two ideas of how these linkages could be incorporated in your work.