African Union Commission | African Development Bank | Economic Commission for Africa

ClimDev-Africa

Regional Climate Change Implications and the Possible Role of Regional Institutions

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The World Bank

Topic 4.3: Roles and Experiences of RECs and other African Regional Institutions on Climate Change

Presentation at
Climate Change and Development in Africa Conference
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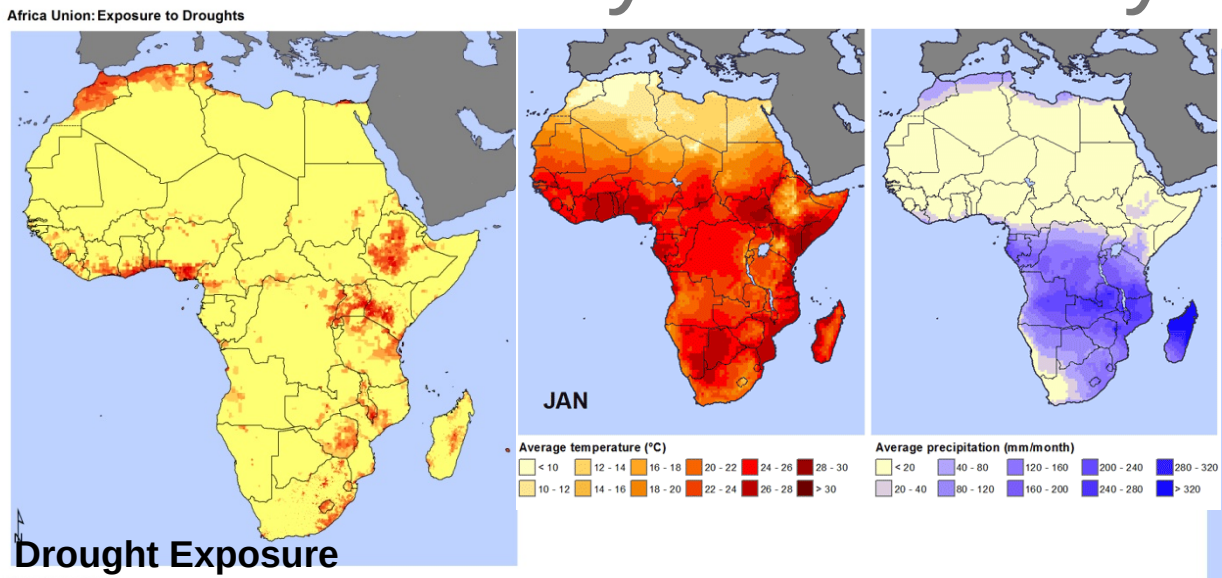
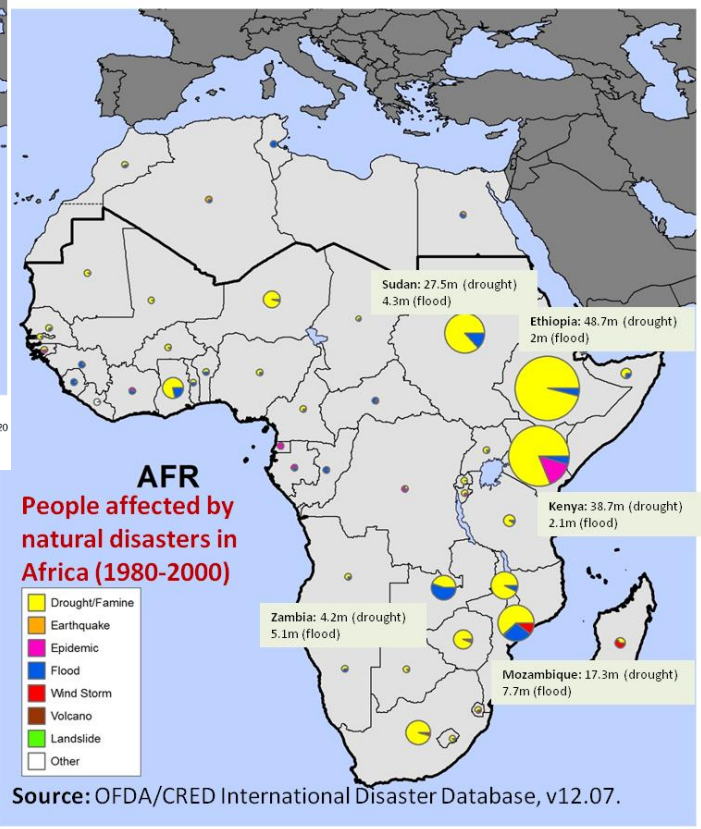
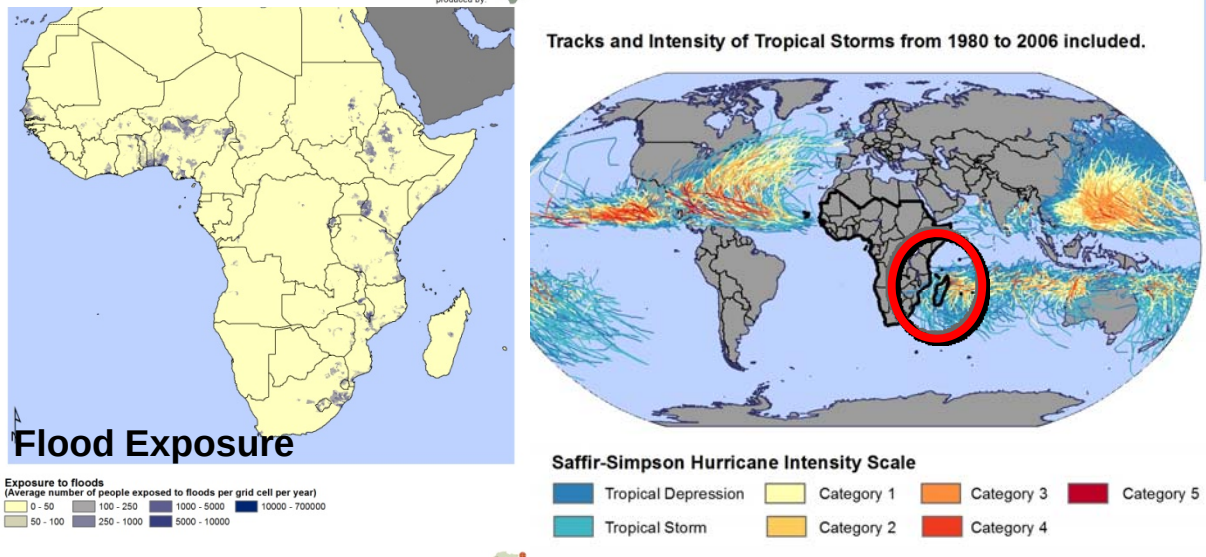
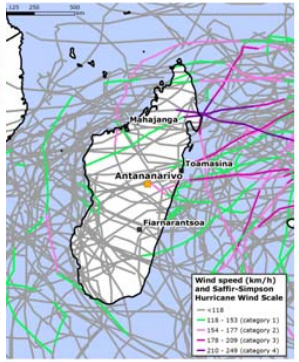
Africa currently faces many climate risks…





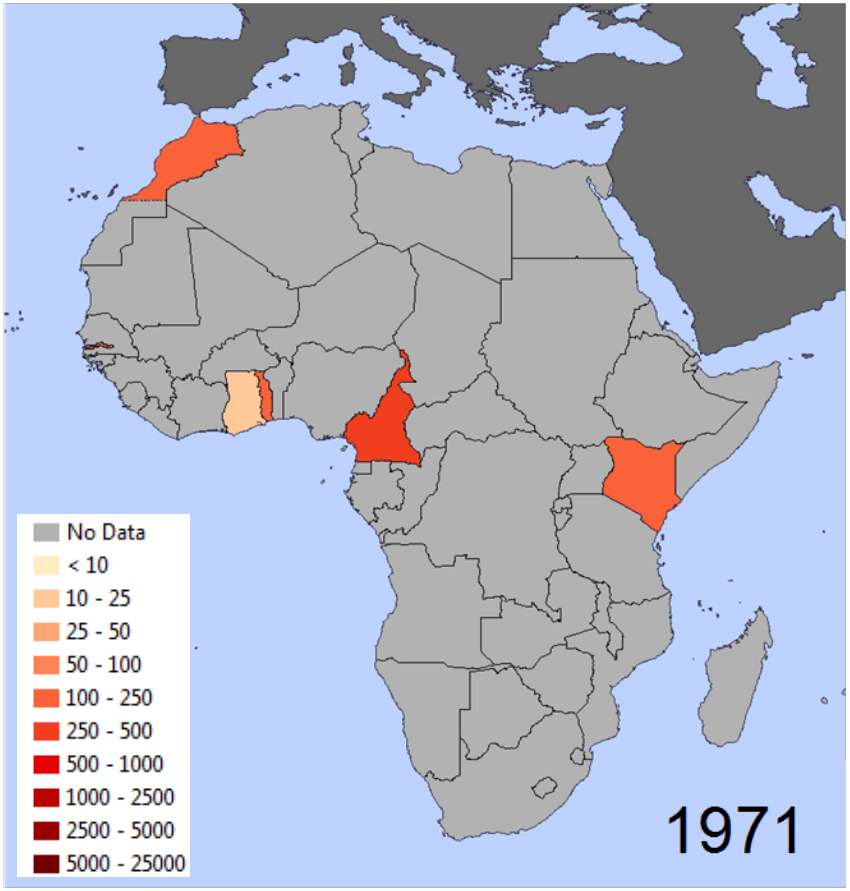




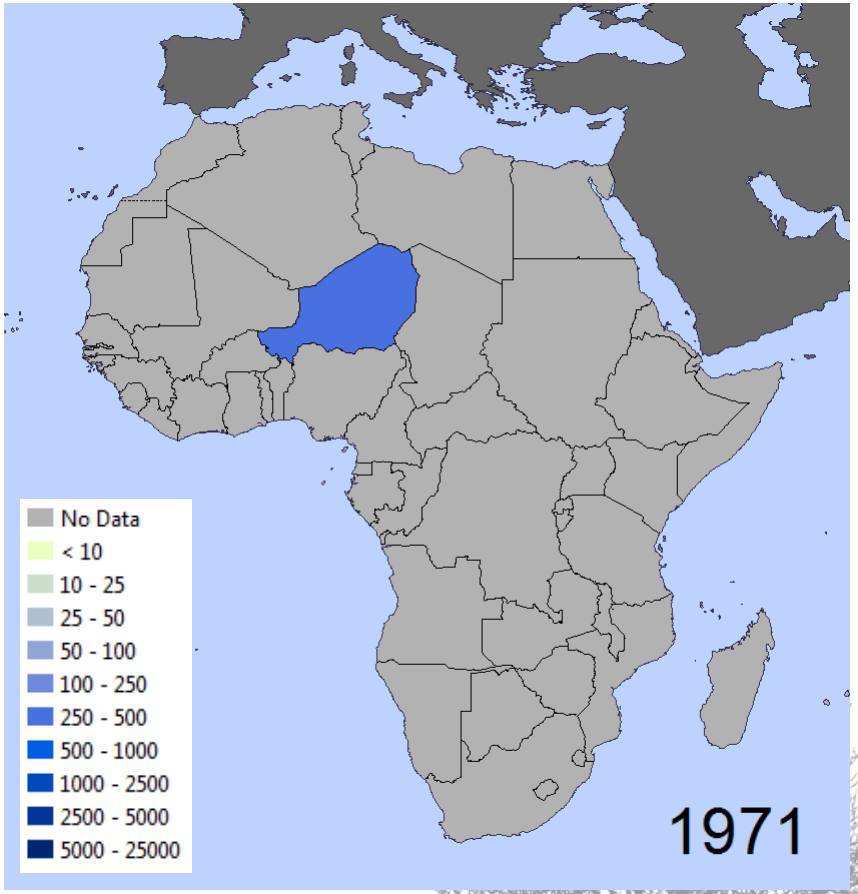
Cyclones tracks: 1980 to 2006

Not a year passes…
…without some part of Africa being devastated by floods or droughts…

Droughts



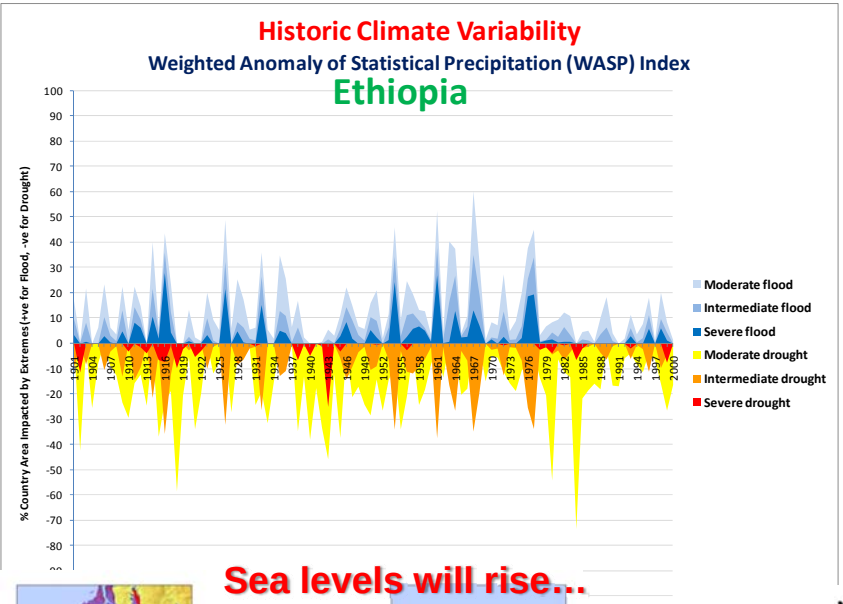
Floods

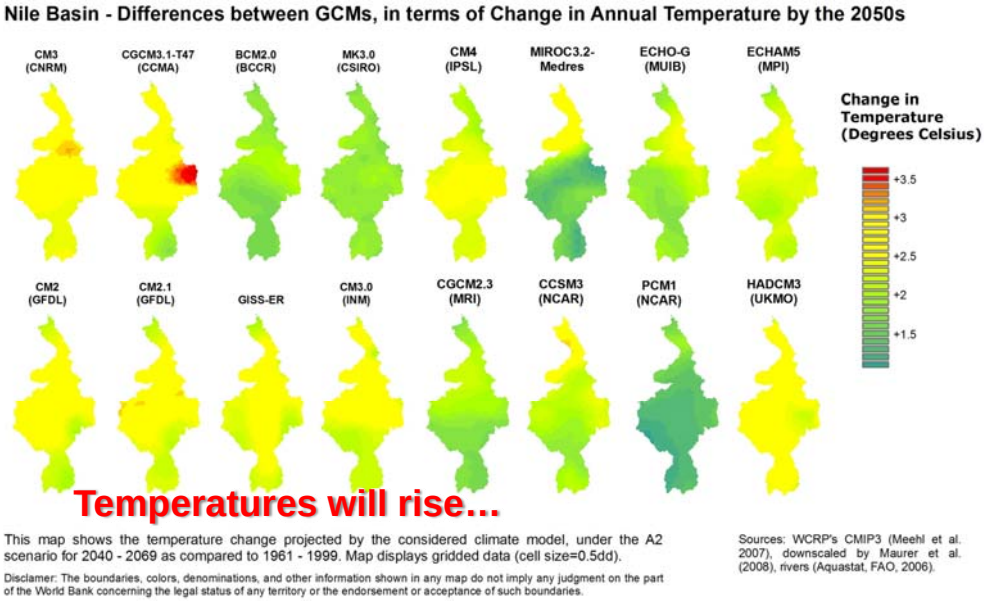


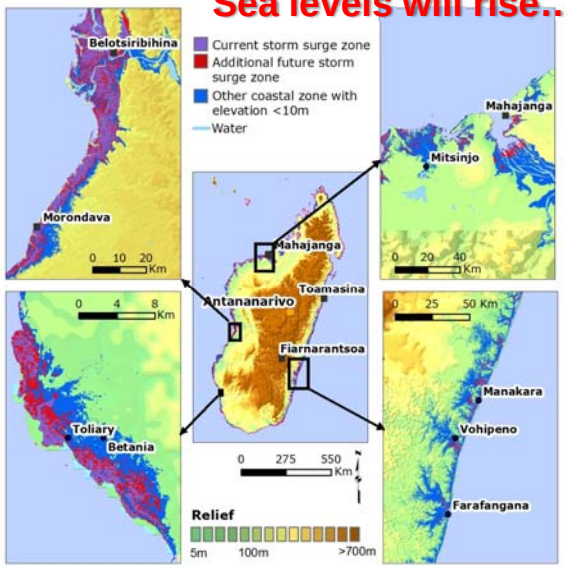
Total number of people affected annually (in thousands)

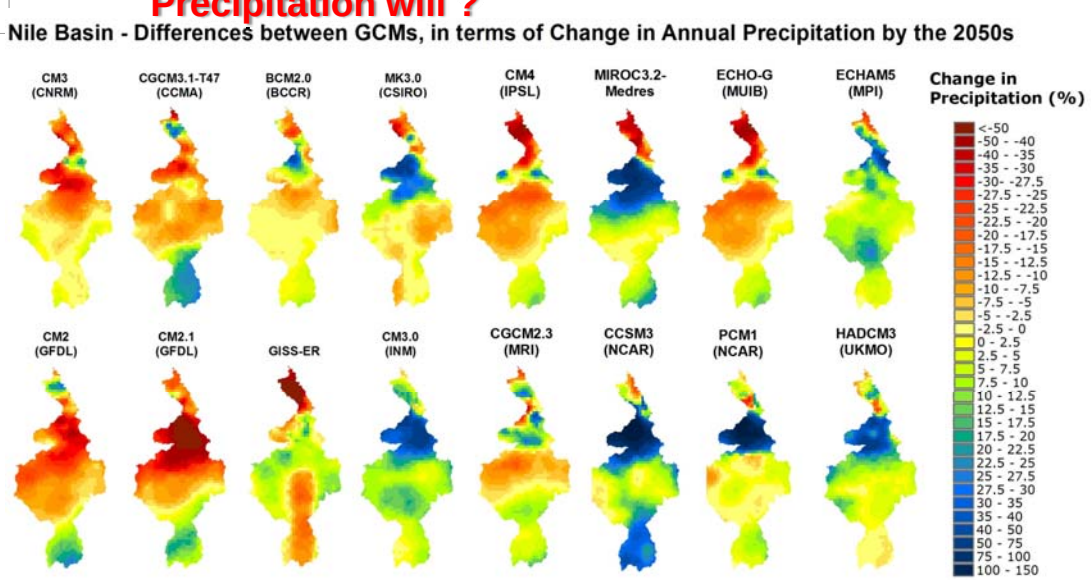
Source: World Bank AFR Spatial Services Helpdesk

Climate Change is expected to exacerbate these further…

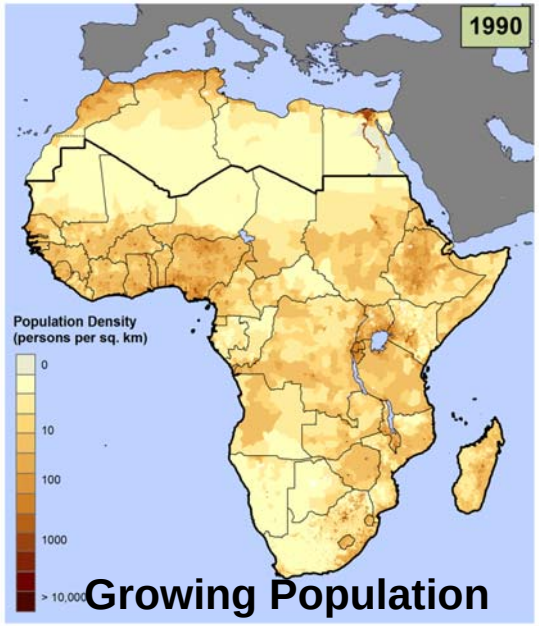






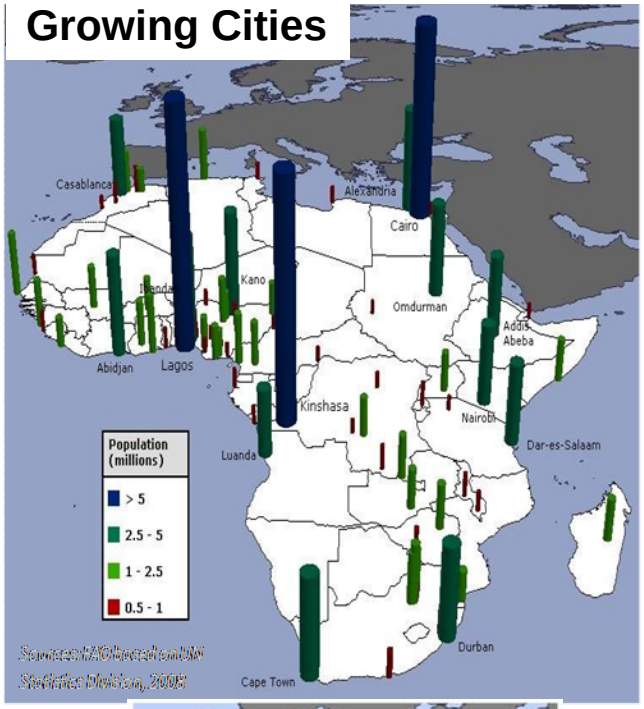


…that need to be considered with other development challenges…

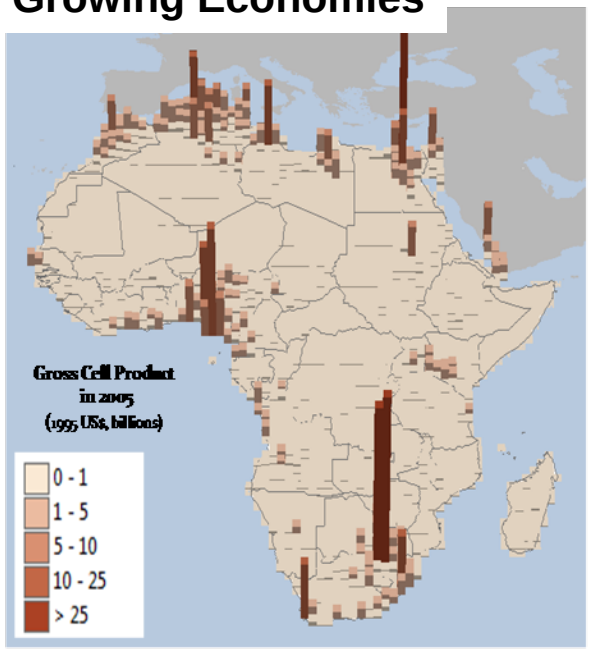


Growing Population

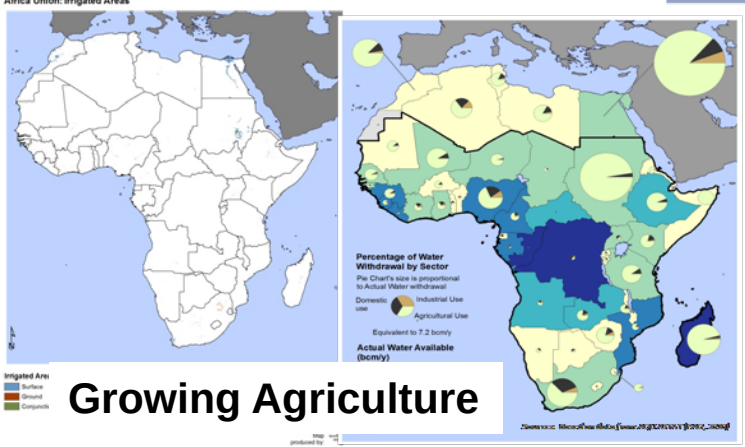
Growing Cities



Growing Economies

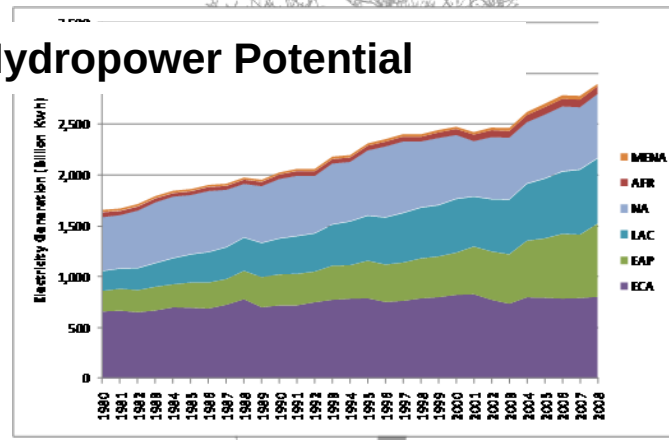


Source: The World Bank AFR Water Resources in a Changing Climate, 2010 based on data from GECON GDP Dataset, Yale University 2010

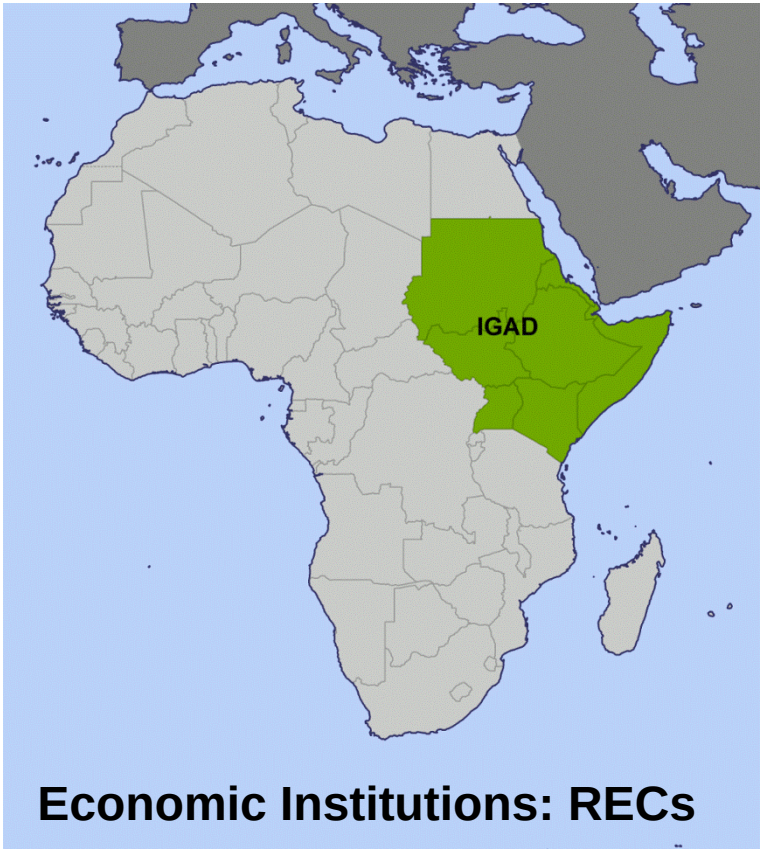


Growing Agriculture

Realizing Hydropower Potential



Need for a regional perspective with a key role for Regional Institutions



Economic Institutions: RECs

Sectoral Institutions: e.g. RBOs

Map produced by:

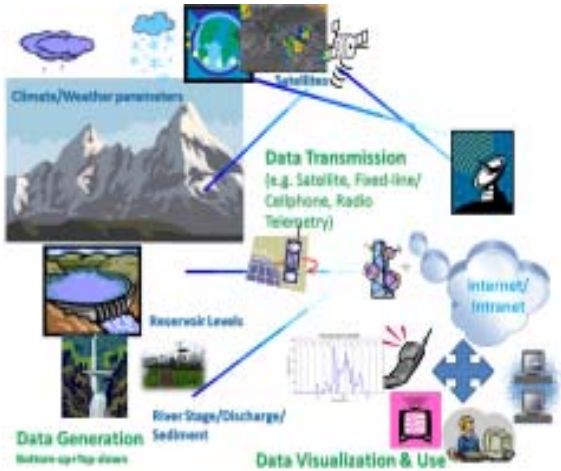
Other Institutions: Climate Forecasting Centers, University Partnerships, etc.

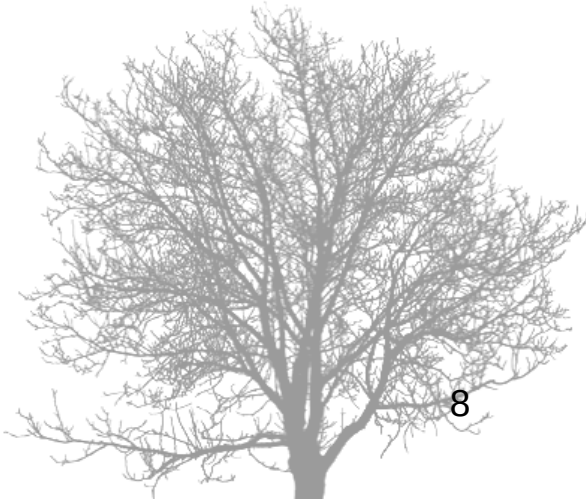
Need to improve readiness…

- There is a need to improve the investment climate for climate investments in Africa. This will require regional and country-level work on climate readiness related to:
  - Information
  - Institutions
  - Infrastructure

Information

- Improved regional ***public-domain knowledge base*** (e.g. of basins, regions) and regional planning tools (e.g. for climate risk analysis of existing and potential investments in river basins) and other decision support tools (for basin/energy systems planning and real-time operations)
- Regional financing and networking of inter-operable ***hydromet systems***; combine with satellite data for improved forecasting and communication for improved flood and drought management
- Regional ***documentation*** of successful adaptation/low-carbon development measures that can be scaled-up



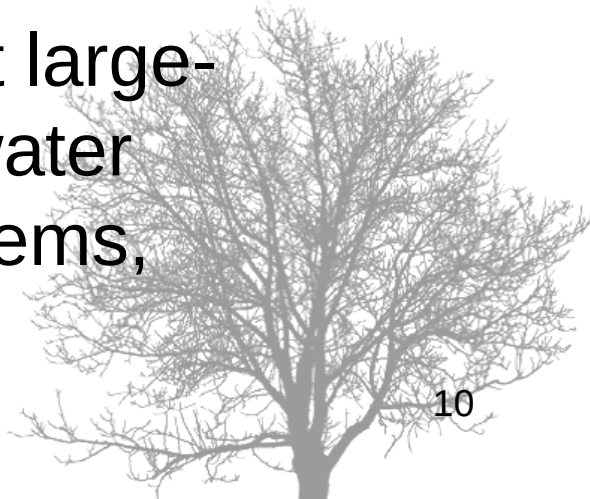


Institutions

- Building Regional ***Institutional and Policy capacity-building*** (Helpdesks at AU/RECs to provide access to information and policy/technical/ communications guidance) and facilitating access to climate finance and NAMA/NAPA preparation, implementation, and monitoring
- Targeted ***training/knowledge sharing*** on climate risks and climate financing at regional and national levels
- Synergistic ***partnerships*** (e.g. with Universities, among RECs and member states) for facilitating studies and action on improved instruments for climate risk management

Infrastructure

- *Facilitate preparation of a pipeline of bankable climate-related investment packages* at regional and national levels
- *Improved real-time hydro-meteorological systems* to promote timely climate risk management in key sectors
- *Promote innovations* in climate resilience/low-carbon development investments – at large-scale and community-levels (e.g. in water infrastructure, agriculture, power systems, transport, etc.)



Conclusion

- Africa needs to demonstrate its readiness for climate investments for climate resilience and low-carbon development
- RECs, RBOs, and other regional organizations can play a significant role in this regard
- This will require the regional organizations to undertake serious, systematic, and concerted efforts to facilitate regional and national activities on information, institutions, and investments across Africa

Thank you

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