Introduction to the AGEDI Local, National, and Regional Climate Change Programme

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AGEDI
مبادرة أبوظبي العالمية للبيانات البيئية
Abu Dhabi Global Environmental Data Initiative

هيئة البيئة - أبوظبي
Environment Agency - ABU DHABI

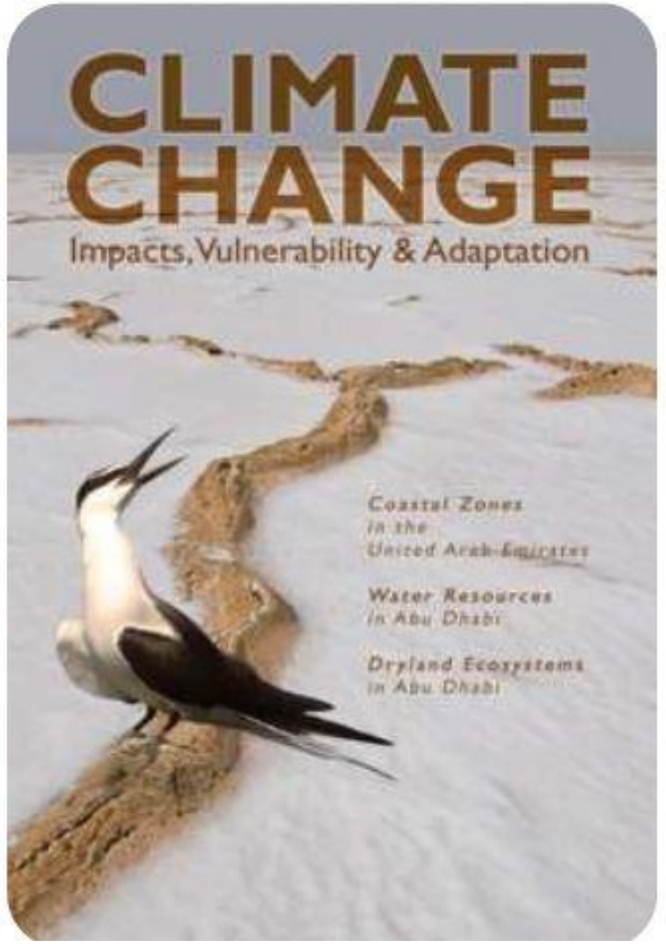
AGEDI Climate Change Program

A multi-stage process, implemented over several years, was the basis for the development of the overall scope of the Phase II work programme for the climate change rapid and systematic assessment.

- In 2008, the EAD completed the first-ever climate change vulnerability assessment for the emirate/nation

While several systems and sectors were screened as potentially highly vulnerable to climate change, the focus of this original assessment was on coastal zones, water resources, and dryland ecosystems.

Results were synthesized in the UAE's Second National Communication (MOE, 2010), which was submitted in 2010 to the Secretariat of the United Nations Framework Convention on Climate Change.



Background to Programme

AGEDI launched a follow-up to this initial study in 2011 with the aim of establishing a climate change work programme that could build upon, expand, and deepen understanding of vulnerability to the impacts of climate change as well as to identify practical adaptive responses at local, national and regional levels.

A 5-stage stakeholder consultative process involving nearly 100 stakeholders helped define the overall scope of the programme, and establish the types of outputs that were considered to be the most useful for future policymaking at the multiple scales envisioned.

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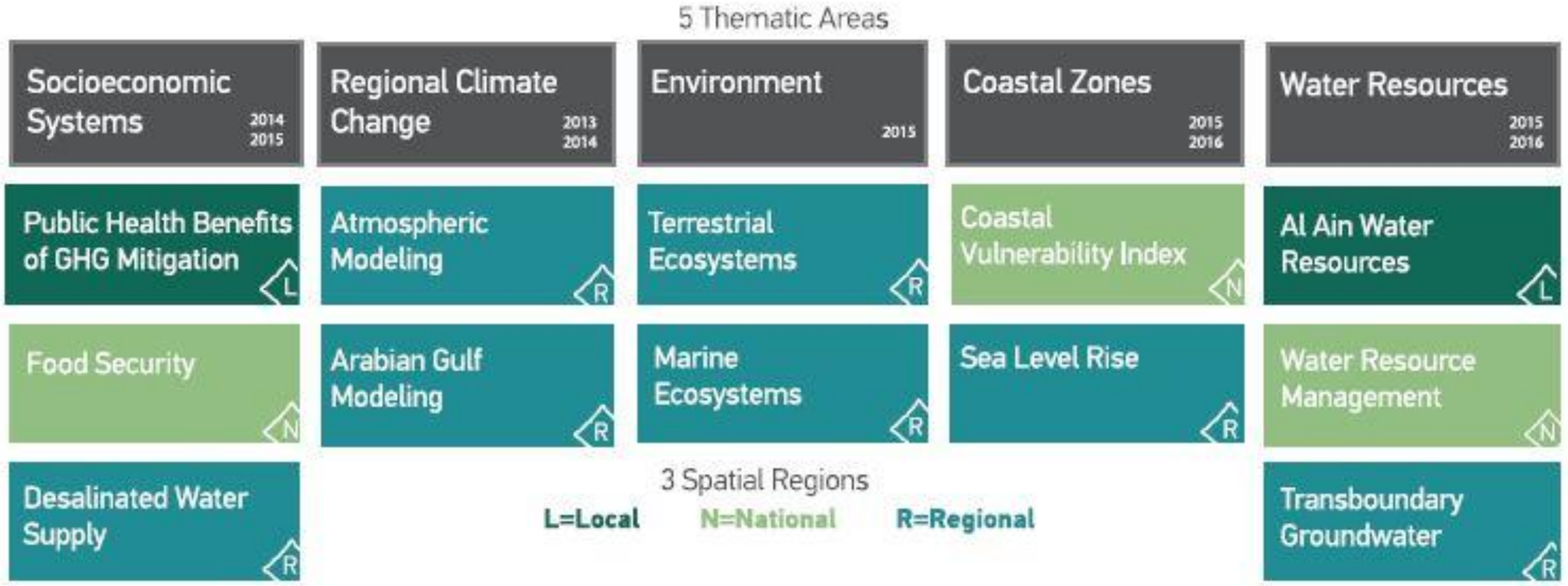
SPATIAL SCOPE

- Local
- National
- Regional

LNR Climate Change Assessment Project
2013-2016



12 Sub-projects
Assess the Impacts, Vulnerability & Adaptation to
Climate Change in the Arabian Peninsula

AGEDI

Over 40 Programmatic Outcomes

https://www.ccr-group.org/cc-inspectors

- High-resolution maps for policy-makers
- User-friendly datasets for follow-up research by the regional scientific community All the projects will have this
- Comprehensive technical reports
- High-resolution maps depicting current and future habitat suitability for key species
- Adaptation options
- High-resolution maps depicting species invasion/extinction and fish catch potential
- High-resolution maps depicting future groundwater levels
- Costs and benefits of data options
- Adapted models for Abu Dhabi conditions
- High-resolution maps depicting future water resource requirements
- Model outputs for follow-up scientific research. All projects will have shareable models
- High-resolution maps depicting future water recharge scenarios
- High-resolution maps depicting High-resolution maps depicting air quality improvements
- High-resolution maps depicting Arabian Gulf impacts All the regional ones
- Model datasets for follow-up research by the regional scientific community

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