



ACC DAR Adapting to Climate Change in Coastal Dar es Salaam

International Workshop

TOWARDS SCENARIOS FOR URBAN ADAPTATION PLANNING

Assessing seawater intrusion under climate and land cover changes in Dar es Salaam, Tanzania



WORKING METHOD, FORMATION OF GROUPS AND IDENTIFICATION OF RAPORTEURS

Rome, 20 April 2013



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Objectives

- Is the methodology adopted in WP 2.1 effective for *advancing LCC assessment methods and understanding of its drivers in DSM?*
 - development and validation of a methodology for monitoring Land Cover (LC)
 - analysis of the urban development dynamics occurring in DSM on over the last decade in order to assess the change patterns which prevailed
 - investigation of the relationships between urban sprawl and population growth
- Is the methodology adopted in WP 2.2 effective for *exploring the current degree of seawater intrusion into DSM coastal aquifer, and its relationships with climatic conditions and urbanization processes*
 - Asses local and hydrogeological and geochemical dynamics determining the phenomenon as well as the anthropogenic and climatic factors that have influenced its present condition

Objectives

- **What are the limits and constrains?**

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|-------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------|
| Internal Factors | <ul style="list-style-type: none">– Strengths– Weakness | Technical and scientific constraints |
| External Factors | <ul style="list-style-type: none">– Opportunities– Threats | Practical, Institutional, political |

Objectives

- **What is the way forward?**
 - Valuable aspects to be developed further
 - How can the methodology be improved?
 - Weak aspects to be revised
 - How can the methodology be revised?
 - Alternative options/approaches
 - What are the alternative research paths and/or methodologies?
 - Whether and how the constraints can be circumvented, overcome or converted into opportunities

Method

- 2 groups of 13 people
- Each group needs a scribe, a rapporteur and a facilitator
- Each person respond to the questions in 2-3 min
- Discussion
- Summarize the “Hot Spots”

} 60 min



Presentation of Results By Rapporteur

} 30 min

Topics

Every group will focus on only one Working Paper

- Group 1: Activity 2.1 - Monitoring Land Cover changes in peri-urban settlements
- Group 2: Activity 2.2 - Exploring Climate Change vulnerability scenarios to seawater intrusion