

Developing City-Level Sustainability Indicators in the Mena Region with the Case of Benghazi and Amman

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Abstract : The development of an assessment methodological framework for local and institutional sustainability is a key factor for future development plans and visions. This paper develops an approach to local and institutional sustainability assessment (ALISA). A methodological framework to assist the clarification, formulation, preparation, selection, and ranking of key indicators to facilitate the assessment of city sustainability at the local and institutional level in North African and Middle Eastern cities. According to the literature review, this paper formulates a methodological framework, ALISA, which is a combination of the UNCSD (2001) Theme Indicators Framework, and the issue-based Framework illustrated by McLaren (1996). The methodological framework has been implemented to formulate, select, and prioritize key indicators that most directly reflect the issues of a case study at the local community and institutional level. Yet in the meantime, there is a lack of clear indicators and frameworks that can be developed to apply successfully at the local and institutional levels in the MENA Region, particularly in the cities of Benghazi and Amman. This constrains an essential issue for sustainability development estimation, which leads to the research objectives of this paper as (1) the challenges and barriers for both cities to become sustainable and (2) the development of a framework using appropriate indicators from the local level.

Keywords : sustainability indicators, approach to local and institutional level, ALISA, policymakers. impact factor: conflict, security, development

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