

**Title: A Meta-Analysis of Local Climate Change Adaptation Actions**

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**Abstract:** Local governments are beginning to take steps to address the consequences of climate change, such as sea level rise and heat events. However, we do not have a clear understanding of what local governments are doing -- the extent to which they expect climate change to affect their community, the types of actions they have in place to address climate change, and the resources at their disposal for implementation. Several studies have been conducted by academics, non-governmental organizations, and public agencies to assess the status of local climate change adaptation. This project collates the findings from dozens of such studies to conduct a meta-analysis of local climate change adaptation actions. The studies will be characterized along several dimensions, including (a) methods used, (b) timing and geographic scope, (c) topics covered, (d) types of adaptation actions identified, (e) implementation status, and (f) public engagement and environmental justice dimensions considered. The poster presents the project's rationale and approach and some illustrative findings from early analyses.

**Meeting name:** Carolinas Climate Resilience Conference

**Dates:** April 28, 2014-April 29, 2014

**Location:** Charlotte, NC

**4 keywords:** adaptation, local government, meta-analysis, policy