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## **The Social Contexts of Fog-Water Project Success and Failure**

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The authors have conducted a detailed analysis of the project state, community mobilization and history of fog water projects in Kolbung in Eastern Nepal and Tojquia in Guatemala. The goal of the research is to more clearly understand the patterns of behaviors that contribute (positively or negatively) to project adoption and sustainability within the local cultural, social, religious and economic contexts of the communities in question and, by extension, to other environments in which fog collection projects are being evaluated. The authors undertake an exhaustive examination of the formal, informal and technical behaviors of the two communities regarding the introduction, maintenance and current state of fog collection projects. The authors proceed to deconstruct and analyze the contexts of project success and failure, discussing the causal and supporting factors leading to the current state of fog collection projects in their respective environments. This paper focuses on two project areas and surrounding communities; Tojquia in Guatemala, and Kolbung, in Eastern Nepal. FogQuest (FQ), a Canadian non-governmental organization (NGO), along with local and international partners has operated and developed fog-water projects in the research areas. This research focuses on recent projects; between 2008 and 2018. The researchers were prompted to undertake the research as a direct result of witnessing first-hand the decline and failure of the LFC installation at Kolbung, a process that began in 2010 and continued to until 2017, at which point the physical structure of the LFC began to fail and the collector was no longer capable of collecting water. The decline of the projects in Nepal, while the projects in Tojquia were thriving raised many questions pertaining to theories of change, the introduction of technology as they might affect program adaption to local socio-cultural and socio-economic behaviors and expectations as compared.

Keywords: Fog-water, Nepal, Guatemala, Water, Success, Failure, Comparative Analysis, Cultural, Religious, Economic, Ethnic, Political