

Archeology Expanded - A Multidisciplinary Approach for Natural Disaster Response

Long-term Vulnerability and Climate Change: Analyzing Three Archeological Sites on the Colombian Caribbean Island of Santa Catalina

Víctor Andrés Pérez Bermúdez and Daniela Vargas Ariza

Abstract

This article evaluates the vulnerability index of three elements associated with the historical and fortified heritage of Santa Catalina Island, a volcanic promontory located in the northwest of the Colombian Caribbean. The extremely active 2020 Atlantic hurricane season intensified the loss of valuable heritage assets of the Raizal community. Taking into account their intangible and historical values, the analysis focuses on the impacts of climate change on these elements over time, with the aim of contributing to scientific debate in the awareness and protection of cultural heritage for future generations.

Keywords: Climate change. Hurricanes. Vulnerability. Defense and fortified systems. Santa Catalina.

A BEFORE AND AFTER OF THE FORTIFIED SYSTEM OF SANTA CATALINA AFTER HURRICANE IOTA

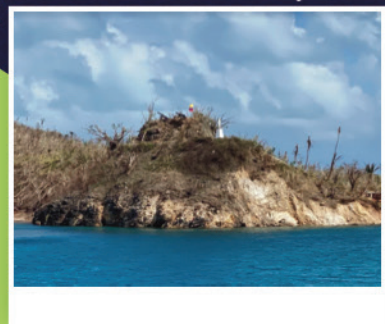


Santa Cruz Platform



Fort Beach

Liberty Fort or Warwick



B E F O R E

A F T E R