



Amenazas naturales en el litoral Pacífico colombiano asociadas al ascenso del nivel del mar [

Universidad Nacional de Colombia. Departamento de Geografía, 2005

text (article)

Analítica

This paper analyses the potential impact of sea level rise associated with global climate change along the Colombian Pacific coast, estimated in one meter by the year 2100. Based on the study of coastal landforms, related dynamic processes and their recent evolution, this study evaluates the threat of coastal flooding and associated erosional processes related to sea level rise. In the study, it was determined that 617 Km² of coastal lowlands will suffer flooding, while 5 894 Km² will be affected by ponding and localized flooding, whereas 8,9% of the coastline is highly susceptible to erosion, including important urban sectors as Buenaventura and Tumaco, as well as many towns and villages distributed along the coast

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