

Effect of Mangrove Forests in Coastal Flood and Erosion

Authors : Majid Samiee Zenoozian

Abstract : This paper studies the susceptibility of local settlements in the gulf of Oman mangrove forest zone to flooding and progresses considerate of acuities and reactions to historical and present coastal flooding. it is indirect that erosions produced in coastal zones by the change of mangrove undergrowth subsequent from the enduring influence of persons since the late 19th century. Confronted with the increasing impact of climate change on climate ambitious alarms such as flooding and biodiversity damage, handling the relationship between mangroves and their atmosphere has become authoritative for their defense. Coastal flood dangers are increasing quickly. We offer high resolution approximations of the financial value of mangroves forests for flood risk discount. We progress a probabilistic, process-based estimate of the properties of mangroves on avoidance harms to people and property. More significantly, it also establishes how the incessant squalor of this significant ecosystem has the potential to unfavorably influence the future cyclone persuaded dangers in the area.

Keywords : mangrove forest, coastal, flood, erosion

Conference Title : ICACCA 2022 : International Conference on Architecture Criticism and Critical Architecture

Conference Location : Paris, France

Conference Dates : May 16-17, 2022