

Climate Change Impacting on Island Liveable Communities and Geographical Structures in Next Decades

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Abstract

World governance is taking too much of time for providing solution to Climate Change (CC) why because, they are not recognized / treating the entire planet as a single laboratory for this CC study. The delay is impacting planet geographical structure and communities. One among them is "Island Communities (Traditions)". These communities recognize density after a huge impact and migrating as refugees to other places, which is again increasing density and rivalry with local communities. Many people losing their lives, belongings and livelihood rights. It is the time to think about climate change solutions for sustainable Development in all parts (Islands, Glaciers, Countries, Mountains, Deserts...) of the planet. Else, the stupidity spreads clashes between species and communities. Also, the above impacts may burry culture and traditions of islands in next decades. This paper explains about the importance of Climate Change for Sustainable Development in any specific area (Village / Town / City / State / Country), it includes their Culture, Food security, Natural Resources, Business for employment and Economy (sovereign. Also, concludes Climate Change solution is an origin for Sustainable Development on this planet.

Keywords: Climate Change, Sustainable Development, Planet, Island Communities

Themes: Climate Change and Sustainable Development.

1. Introduction: As the Climate Change (CC) or Global Warming (GW) is increasing in it's own way, the life of species on this planet is exhaust at all corners. it may be in water, ice, forest, land or island etc. Here, one such community is ISLAND community, which were born with different situation. Billion years ago, the entire planet was covered with ice and slowly opened for life, regimes passed on this planet with different leaderships with several challenges. but, the Climate Change issue is impacting, challenging and reversing the Growth in the present regimes on this planet. Governments are discussing for solution, but Island communities are pandemonium for solutions because, their life (livelihood is on edge on this planet with Ocean rising manifested by Climate Change (CC).

As we aware that, the cumulative pollution levels are main reason for increasing the density of Climate Change (CC) consequences. Islands are impacting much with these consequences because their (government) regular income growth is tied with Nature (Climate). Island governments / investors are getting their regular income with Coastal connected tourism (resorts), fishing infrastructure

(Seas or Oceans) and exporting (Harbor) activities by engaging largest households (employment) for income. Different region Island countries are "shouting against sea level rise" because, these Islands (government) will disappear very shortly and they need

1.1. Land: livelihood providing island area (radius) reducing year by year and will disappear very shortly. means, it require replacement or evacuation of island is very urgent. Also, finding an liberated or unconditional land zone on this planet is not possible.

1.2. Life: If land is disappeared, there is no doubt relocating entire system (species / business / governance) will be a challenge or existing species will exhaust. Today, Island households are spending more time for getting their "minimum livelihood requirement" means unit catchment or working time is wasting with stress created by pollutions (Plastic / maximum exports for getting income / taxes / charities"

1.3. Culture: Most indigenous (less connected to other parts) communities are impacting with Climate Change. Especially very

small island (less than 500 families / members) with special culture are exhaust. if people / government noticed about their exhausting in an area, they will migrate from one place to another place for living (Sustainability)

1.4. Identity: After Migrating to other part of world (other nations), first they forgot their identity of "citizenship" second, their culture / habitat slowly buried, third, treated as slaves for some years.

1.5. Sovereign: Governments are unable to spend more time for development because they are searching solution to "their island submerging" especially, Maldives, Tuvalu, Karibati, Fiji, Palau, Micronesia, Cabo Verde, Soloman, Tangier, Sarichef, Seychelles, Torres Strait, Carteret Islands, Marshall Islands etc After few decades, the islands disappeared / submerged and lost it's antecedent foot-prints [2].

Several island leaders are associated under " Global Island Partnership (GLISPA) and shouting for their "land sustainability" but global governance not giving any kind of "promise or commitment or confident" about their future because it is locked with an enigmatic problem "Climate Change". several Islands are slowly disappearing with different reasons. they are

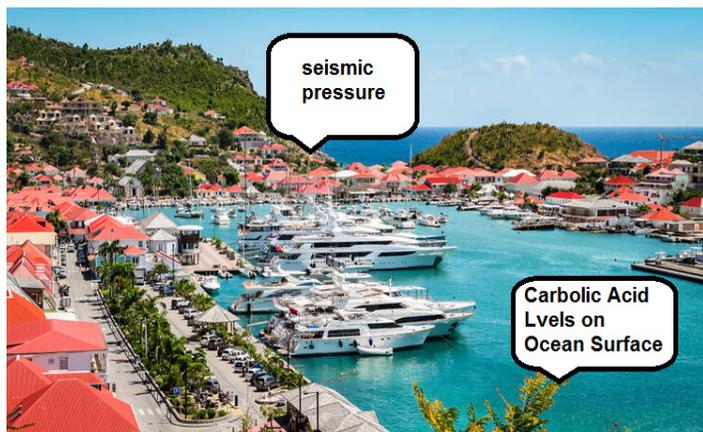
Nature pressure: See below figure, Islands are forcefully uprooting its livelihood economic sustainability with four factors

• **Creative Seismic Pressure:** The increasing Coastal infrastructure for developing tourism destinations in their islands by governments is increasing seismic pressure endlessly in Islands. Several Islands Coastal zone is sinking with this predicament.

• **Cumulative Growth of Carabolic Acid Levels on Ocean Surface:** The cumulative growth of Carabolic Acids on ocean surface manifested by air pollutions are increasing density of wave compressions and rarefaction, which is origin of "easy erosion of coastal regions"

• **Flash Floods** unexpected flash floods are carrying tons of silt from middle zone of islands to their coastal benthos and trudge their impacts in multiple ways (red zones / unit catchment problems / seepages etc).

• **Density of Gales / Heat Waves** These are uprooting the tourism & livelihood infrastructure of people without their involvement and evaporating million rupees of their governments money to restore the structures.



2. Laxity of Governance (Political Parties): In 1988, Maldives authorities forecasted and reported it's disappearing situations after 30 years i.e Prime minister Mr. Maumoon Abdul Gayoom era [3]. From there onwards, the present Prime Minister - Mr. Mohamed Muizzu delivered their lectures on "Maldives Sustainability and sinking". The elected rulers from different political parties are changing but the density (sinking or loss) is increasing tenure by tenure. Several islands from equator to poles (including Tuvalu to Kivalina, the 400-person Alaskan island town) are raising their slogans for protecting their ISLAND / Atoll / Archipelago from Climate Change [4]. Now, the challenge before them(Island Governmants) is "keeping their lat-long on map in the same position with Climate Change solutions under Global Partnership or disappearing".

3. Illiteracy of People and Their Expectations: islands (People) are empowered with tourism / fishing activity / exports etc. most of people are struggling in finding reasons of "sinking and disappearing their Islands / resources". The reality is "Climate Change is universal subject because it is increasing between upper Crust and Ozone i.e it changing and migration with atmosphere", which are increasing ocean acidification, high density cyclones, coastal erosion / sinking etc. As this continues, many big land areas (nations or continents) broke into pieces in coming decades and submerge slowly in few decades i.e may be 2075. so, educating the people / communities to across the world to cross this "emergency situation" is most urgent.



4. Reasons for Quick Sinking: See the adjacent figure, "when the ice sheets are strong with few meters width, they can provide life to many species. once they started melting with Climate Change, they will broke into pieces, melt and turns as water". this is situation of present islands. Islands are providing life to million people and width (sea level) is compressing with poor recharge levels of water (Ground water), sinking quickly, damaging resources and going to create helpless situations on this planet. it should be stopped else ready to die.

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6. Conclusion: "Sustainable Development is Peace policy of Future - Dr. Klaus Topeer". It means ISLAND(S) / Archipelagos / Allots future peaceful life (Sustainability) in the hands of Implementing Climate Change Solutions, delay may double or quadruple the risk of government(s). Present Political parties agenda are designed to "catch Power (Ruling) but not for solving problems". that's why Both island and water species are migrating far distances for sustain but poor species are unable to relocate / migrate from this place to other place. So, Global Island Partnership (GLISPA) should aim "Best Climate Change Solution and request the other (all) governments to implement them", else your investment of "Island Protection" will be nipped in a bud.

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