Permanent Mission of the Federated States of Micronesia to the UN



Federated States of Micronesia

FSM s c i te is tropic, ith he vy ye round rinf, especi, y in the estern is nds Its is nds re octed on the southern edge of the typhoon et ith typhoon se son et een une nd Dece er

Biophysical Impacts of Climate Change

Sea-Level Rise

Fooding in the FSM have creased in recent years In Dece er President Mori decared and e ergency fo o ing tidate the start of coded usiness properties ho es and coast ines resulting in the need to evacuate the fractioners. The stor ashed eters of shore ine ith search and sate ater causing coast, er on and soi da age and _9s ands ere co p etery inundated

ith tot, of ost vince adds in its jurisdiction FSM f, ces the ch, enge of ide y dispersed population that is the eto c i te change and sea eve rise. On the one h, and residents of iso ted is ands re vulner, e due to pro i ity to the oce n and their geographic iso tion. On the other h, and very dense y populated coast, are s in the center the seves are eco ing overdeve oped and cro ded and re so vulner, e to sea eve rise the every sign is ands are difficult to access central are so vulner.

Coral Reefs

The is and s of FSM support three types of reef for ations fringing reefs arrier reefs and a to s. In a states is and ers have a strong dependence on core reefs and a rine resources oth econo ic y and cu tur, y y _9 = 9 y o _9 y -9 y r 4 z y _9 4 y

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Security Implications of Climate Change

Food Security

Food security is gro ing concern in FSM ith increasing and pressures that strain gricu tura efforts and food supp y coast, erosion and increased incidence of pests and disease in gior crops such as an anguar and taro States such as Chuu are particular y vulner, e eccuse it contains percent of FSM s population yet on y percent of its are e soi Food security is further threatened y the current food crisis projection are yet high prices

Fisheries

Changes in c i atter reason of fecting the avairation is in the solution of t

Agriculture

Eighty percent of FSM s popu tion he su sistence or se i su sistence ive ihoods Step e food crops re non toro readfruit coconut citrus and ye s hie gricu ture products do not constitute gree pert of FSM se ports gricu ture is gior contri utor to individue inco es and ive ihoods It current y cocounts for _9 of FSM s GDP and In su sistence ctivities ounted to fot to househo d inco e

Bec, use of the country s s , size , nd i ited iodiversity crop su stitution, i ities , re i ited , s , re i ities to store crops , nd food A , c of tr, nsport, tion to , nd fro cert, in out ying is , nds c, n

Public Health

FSM s he, th c, re syste hi e gener, y in good condition is, so very dependent on e, ther, nd c i , tic conditions ith its increased e posure to drought, nd stor s , ter s, nit, tion is e pected to decrease, nd dise, se out re, s to rise During the ENSO ye, r of _99 _99 there , s increased incidence of s in dise, se In Apri , n out re, of cho er, of Pohrpei infected, ppro i , te y peop e, nd c, used de, ths v

Migration

hi e FSM s popu tion is spre, d out ong ony is onds densities or high, ong the o ying coast A out of FSM s popu tion on d econo ic infrastructure or coast d in the coast, or great seventeen percent of FSM s tot, population or people ive in the outer is onds-oto s -9

Internal Migration, Relocation and Climate Displacement

o unt_ery re oc_etions h_eve_e re_edy occurred ithin the St_ete of Y_ep_end other is _ends_es_e resu t of incre_esed se_e eve rise_e ong the co_est_end s_e t_e ter incre_ese in their e s Popu_etions h_eve_e oved fro o ying_eto s to ore centr_e higher is ends incre_esing the density in the centers end ending to ending to estimate the species of resources especies y in Chuu

External Migration

Loss of islands

Bec, use the FSM cont, ins, high nu er of o ying, to is and srising no ore than t o to three eters, ove se, eve they are at high ris of tot, su ergence due to se, eve rise Those is ands are typic, y oc, ted, ay fro the centr, is ands and often define the orders and EEZ of the FSM

The dverse i pects of c i et change ter the physic and cape of the FSM ho e is and are to the danger of dis prearing entire y or of eco ing uninh, it e No ount of dapt tion to c i et change can e sufficient to prevent the oss of is ands

The oss of is , nds i not on y resu t in the os

Conclusion

C i _te ch_nge h_s _ re_dy sho n_ ide v_riety of neg_tive i p_cts on the FSM Se_ eve s_re rising co_sts_re eroding n_tur, resources_re eing dep eted _ters_re incre_sing y cont_ in_ted _nd e tre e e_ther events _re incre_sing in severity _nd frequency At the s_ e ti e resett e ents h_ve_ re_dy een triggered y these _dverse i p_cts Together ith popu_tion pressures on the centr_ is _nds the functioning of govern ent_nd the de ivery of _sic services c_n e thre_tened

These i process have i pications for nation, security and are on the threshold of endangering region, and internation, peace and security in the ider Procific is and region Countries i e the FSM are on the front ines of these i process ith ou