

17.09.2018

GLAWCAL #334 COMMENT

MODELLING CLIMIGRATION

Based on

Tarja Ketola “Climate Change Immigrants or Refugees of the Anthropocene — Adapting to or Denying Climate Change?”



A gLAWcal comment on Tarja Ketola "Climate Change Immigrants or Refugees of the Anthropocene — Adapting to or Denying Climate Change?" in Pasi Heikkinen (Ed.) Sustainability and Peaceful Coexistence for the Anthropocene.

nearly all of the low-lying areas of the globe will have to be abandoned as the flooding will cause these areas to be essentially uninhabitable. In this scenario, billions of individuals will have to relocate, placing a great strain on nations that remain above sea level. The policy impact of global climate change is often regarded as apocalyptic, and these models offer ways that this can be regarded as true.

The author offers a model on an orders-of-magnitude scale to show how when certain populations may be forced to relocate due to climate induced changes, there will be great strains on the surrounding nations to resolve these situations. For example, a large low-lying nations that is experiencing long term impacts of climigration may force the relocation of hundreds of millions of people. In another scenario, Puerto Rican citizens left their island in the magnitude of hundreds of thousands to obtain services that could not be provided in the wake of hurricanes. The relocation for many was temporary, as almost the same number of individuals returned in the subsequent months as conditions returned to pre-hurricane status in many areas, but not all. A second modelling tool that the author affords is based upon previous literature on this topic, showing scenarios based upon increases in global temperature. It is often regarded that the temperature cannot exceed a two-degree celsius above pre-industrial averages, without there being disastrous and an irreparable cascading change to the climate. In this model, it is noted that if it reaches above 4-degrees in change that

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To collaborate with Government, Civil society and business community to balance the excess of globalization with Non Trade Concerns.

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To influence policymakers, to raise awareness over Non Trade Concerns, to encourage stakeholder participation, and to disseminate gLAWcal’s publication results.



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