

## **“Cross Country Analysis for the Impact of Culture on Ecology and Peace”**

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Culture Based Development (CBD) individual and regional analysis has demonstrated that places that provide highly for ecological goods are also high on the provision of other public goods. The aim of this paper is to cross check two questions. Firstly, it inquires whether provision for peace (approximated with defense spending, cultural cohesion and welfare effort) and provision for environmental concerns are also having a common trend across space. The rationale for this expectation is that cultural attitudes with high other-regarding preferences motivate the provision of any type of public good, while environment and peace are two types of public good. Second, I would like to check whether the aggregation of the effect makes any difference. We all know that aggregation on different levels shows differences in the sign of the effect for population and economic growth relationship and for altruism of individuals and groups. Hence, the question is whether the coincidence between level of provision of public goods for same underlying cultural attitudes will hold the same way on national (country) level as it was previously found for individual and regional level. Using a composite dataset with indicators obtained from the World Value Survey and the Estes Weighted Index of Social Progress for year 2010 and for 147 countries and 88,681 individual observations, I apply both individual and country level analysis and confirm that cultural filtering drives the other regarding preferences that determine the local provision of both environmental and peace related public goods.

**Keyword:** *environment, peace, culture, individual, regional, country*