

Climate Change and Global Warming

February 27-28, 2019
Prague, Czech Republic

Daniel Erdelyi, Expert Opin Environ Biol 2019, Volume: 8
DOI: 10.4172/2325-9655-C1-044

THE REGIONALITY OF CLIMATE CHANGE IN HUNGARY

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Climate Change is a global phenomenon which has geographically varying impacts. In order to fulfil Hungary's climate obligations and implement effective adaptation practices, we need to understand the working mechanism of climate change in smaller territorial units. Regional differentiating is of paramount importance in regional strategy making. This article is part of an on-going research which aims to identify local impacts of climate change and the local answers against it. This paper highlights the results of the first step of the research which aims to find Hungary's most climate vulnerable regions. The identification is done by a two-steps method whose first element is the spatial analysis of climate impacts using the cartograms of the National Adaptation and Geoinformation System database. Based on the regional inequalities the most climate exposed Hungarian NUTS 1 regions are identified. The next step is the analysis of the environmental and socio-economical aspects of climate adaptation in which "priority sensitive natural areas" of the Government Decree 2/2002. (I. 23.) and the "LAU1 areas which are needed to developed by complex programmes" of the 290/2014. (XI. 26.) Government Decree, and their intersections are examined. The results of the examination are visualised by thematic cartograms.

Biography

Daniel is a geographer (BSc), Eotvos Lorand University, HU-Budapest and a regional and environmental economist (MA), Szent Istvan University, HU-Godollo committed to environmental and climate issues. He is researching the regionality of climate change as a PhD student primary affiliation, Szent Istvan University, HU-Godollo promoting system innovation as a Climate-KIC Pioneer and helping enterprises, municipalities to access EU funds as a project consultant.

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