

Geo-Ecological Modelling of Non-Communicable Diseases in Kashmir Valley, North Western Himalayas, India

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Abstract—The present study is an attempt to examine the Geo-ecological modelling of non-communicable diseases in north western Himalayan valley of Kashmir. For the sake of delineation of diseases intensity regions of the study area, the disease composite index has been applied. The study envisaged inter-district variations with Anantnag, Baramulla and Srinagar districts falls under high rate of disease intensity (53.7-71.1-CI), however, Bandipora, Kupwara, Budgam, Ganderbal and Shopian fall under the low (<36.3-CI) category of disease intensity while others are in moderate category. The impact of this regional disparity were found corresponding with the changing socioeconomic environment of the study area. Change in the scenario can be brought by snuffing out the regional disparities in the study area.

Keywords: Kashmir valley, Diseases, Composite Index, Disease Intensity Regions.