

A Geo-Spatial Assessment of Flood Impacts on Agriculture in Quang Nam Province, Vietnam

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Quang Nam province, with an area of 10.406km² and a population of about 1.5 million people, is located in key economic zone of the Central region of Vietnam. Because of its geographical location and topography, the agricultural province is prone to natural disasters, notably during the cyclone season. During the last decade the average loss is estimated to be 14% of provincial GDP. Floods cause the most damages to the economy and the environment. The damage is particularly serious for the agriculture sector. The aim of this study is to undertake a geo-spatial assessment of flood impacts on agriculture in Quang Nam province.

Keyword: Flood, agriculture, geo-spatial impacts, GIS, Quang Nam, Vietnam.