

SPATIO-TEMPORAL CHANGES IN THE CROPPING PATTERN OF PADDY FIELDS IN KERALA STATE, A GEOSPATIAL ANALYSIS ON PALAKKAD DISTRICT

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ABSTRACT

Paddy field of Kerala is a typical ecosystem; this wet land ecosystem is under threat since mid seventies, as there is a steady decline in the area under concentration of paddy, giving rise to several negative effects on environmental and social functions. This conversion of paddy fields are transformed into plantation crops and non agriculture uses, if necessary steps are not taken to stop the conversion, the coming generation will not witness any practices of paddy cultivation, this typical ecosystem, keeping this in mind Palakkad district the rice bowl of Kerala is taken for investigation. The present investigation aimed to understand the changes in the cropping pattern of paddy, rice production and productivity of Palakkad district.

KEYWORDS: Paddy Cultivation, Wetland Ecosystems, Transform, Cropping pattern, Rice Bowl of Kerala