

## **Vegetation Index over Kerala, India in Relation to the Rainfall Pattern**

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The rain pattern and vegetation are showing variation over the last decade. This affects the biodiversity of Kerala. In this paper, a systematic study of vegetation with the help of satellite images over the past three years was done to find out the variations in vegetation index and the related rainfall pattern .

**Key words:** *Vegetation Index, change detection, image registration, Kerala, monsoon, remote sensing*

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