

# THE CLASSIFICATION OF TIDAL FLAT TYPE USING HYPERSPECTRAL IMAGE

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**Abstract:** The characteristics of hyperspectral images contain lots of information about the object better than satellite images. This paper was to classify tidal flat composing substances by hyperspectral images. So it was identified type of tidal flat classifying composed substances. Also it was understood about environments around tidal flat region due to identify halophytes in tidal flat. Therefore it was showed that make a map of environment of tidal flat applying to classification methods of tidal flat type to other regions.

**Keyword :** Tidal Flat, Hyperspectral image, Environments