Accepted Manuscript

Source characterisation of Sedimentary organic matter in mangrove ecosystems of northern Kerala, India: Inferences from bulk characterisation and hydrocarbon biomarkers

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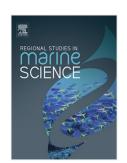
PII: S2352-4855(16)30062-7

DOI: http://dx.doi.org/10.1016/j.rsma.2016.05.006

Reference: RSMA 136

To appear in: Regional Studies in Marine Science

Received date: 31 December 2015 Revised date: 26 April 2016 Accepted date: 18 May 2016



Please cite this article as: Resmi, P., Manju, M.N., Gireeshkumar, T.R., Ratheesh Kumar, C.S., Chandramohanakumar, N., Source characterisation of Sedimentary organic matter in mangrove ecosystems of northern Kerala, India: Inferences from bulk characterisation and hydrocarbon biomarkers. *Regional Studies in Marine Science* (2016), http://dx.doi.org/10.1016/j.rsma.2016.05.006

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Highlights:

- Organic matter provenance includes varying contributions of terrestrial, marine and bacterial end members
- Pre-monsoon season shows domination of planktonic as well as bacterial input
- ❖ Sediment texture, seasons and distance from the Sea influences n-alkane distribution
- Inferences of intense bacterial reworking
- ❖ Significant abundance of methyl alkanes and n-alkyl cyclohexanes in pre-monsoon

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