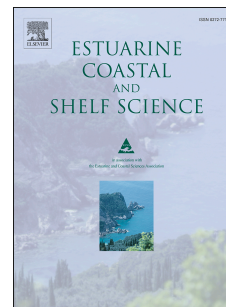


# Accepted Manuscript

Predominant terminal electron accepting processes during organic matter degradation: Spatio-temporal changes in Ashtamudi estuary, Kerala, India

Salom Gnana Thanga Vincent, R.R. Reshmi, S. Junaid Hassan, K. Deepa Nair, Ajayakumar Varma



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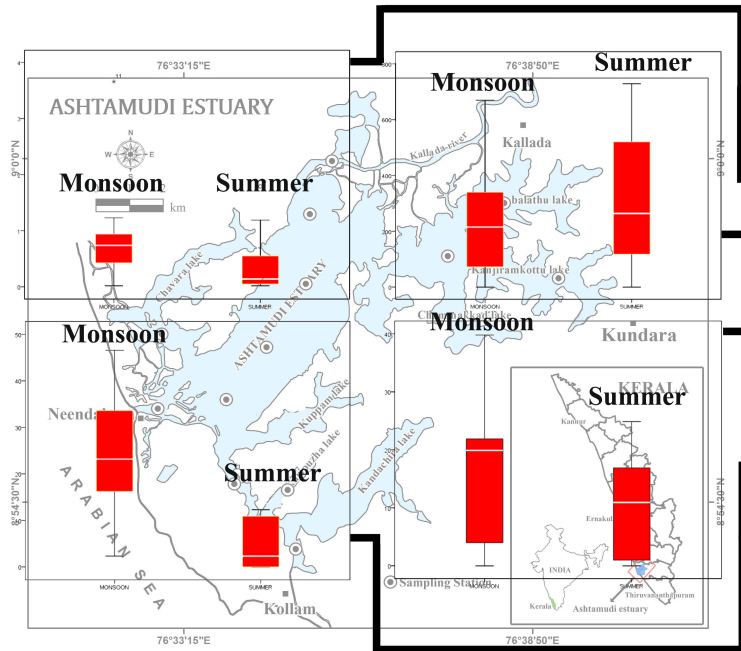
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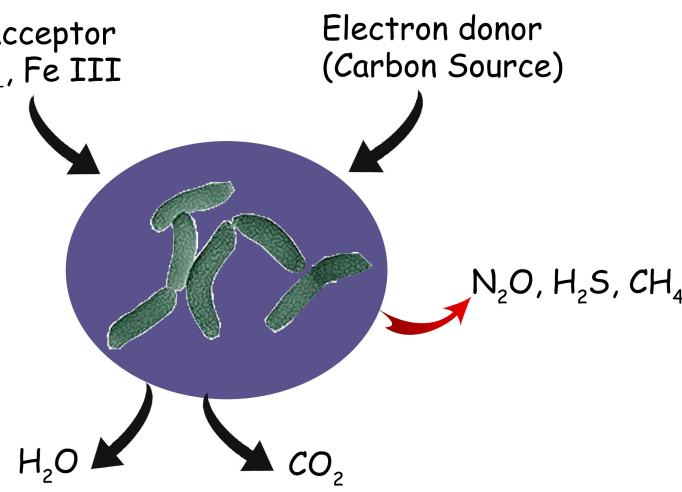
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- Electron acceptor  $\text{NO}_3^-$ ,  $\text{SO}_4$ , Fe III
- Methane production rate ( $\text{nmol cm}^{-3} \text{ day}^{-1}$ )
- Sulphate reduction rate ( $\text{nmol cm}^{-3} \text{ day}^{-1}$ )
- Iron reduction rate ( $\text{nmol cm}^{-3} \text{ day}^{-1}$ )
- Nitrate reduction rate ( $\text{nmol cm}^{-3} \text{ day}^{-1}$ )



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