

Foraminifera as bioindicators of low-latitude coastal ecosystems

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Foraminifera are unicellular shelled organisms living not only in marine environments, but also in every environment in the world. Although they are well known as tools for studying geological ages and paleoenvironments, they are also useful bioindicators of coastal environments to reconstruct historical changes in water quality and substrates during the "Anthropocene". Foraminifers are abundantly found in low-latitude coastal ecosystems such as coral reefs, mangroves and seagrass beds. In this presentation, I will review the use of foraminifera as bioindicators of water quality and substrates based on my own and other previous studies, and discuss their usefulness and future challenges.

Keywords: coral reef, seagrass bed, sediment, water quality