

Coastal Seafloor Geomorphology: launching of a new field and perspectives

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The coastal seafloor at depths shallower than ~130 m was subjected to alternating subaerial erosion and sedimentation during Quaternary sea-level change. However, the coastal seafloor is rarely discussed in conventional geomorphology. Recently, the development of exploration technology such as multibeam echo sounder survey enables us to observe the accurate and detailed coastal seafloor geomorphology. In this presentation, we discuss the novelty and possibilities of coastal seafloor geomorphology based on case studies from around the world and research materials of our group.

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