From coast to deep basins – imaging the dynamic seafloor

Submarine canyons are key areas for understanding the transfer of detrital sediments to the deep basins.

1. Submarine canyon
2. Mud lineations/bedforms
3. Large scale structures at site US5b

Seabed sedimentation, transport and erosional processes can be assessed by using detailed seismo-acoustic information covering large areas.

Multibeam echosounding supported with other sounding methods provide detailed information on bathymetry, seabed topography, seabed substrate/composition and sub-seabed structure.

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