



CIRCUM-PACIFIC COUNCIL

The second edition of *Seafloor Geomorphology as Benthic Habitat: GeoHab Atlas of seafloor geomorphic features and benthic habitats* will be published in late 2019. The 2nd edition expands on the first edition, presenting extensive new data collected over the last ~10 years using new techniques and in different geographic areas. The 53 case studies included in this book represent the “state of the art” in habitat mapping science. They provide concise reports based on a consistent format that all authors followed, with references included for readers to follow-up as needed.

The goals of the second edition are the same as for the original volume. These include four main objectives: (1) to support government spatial marine planning, management, and decision making; (2) to support and underpin the design of marine-protected areas (MPAs); (3) to conduct scientific research programs aimed at generating knowledge of benthic ecosystems and seafloor geology; and (4) to conduct living and non-living seabed resource assessments for economic and management purposes, including the design of fishing reserves. A particular goal of the second edition was to add focus on detecting change in the marine environment (change in the condition of benthic habitats). This is a critical aspect for assessing the performance of policies and legislation enacted by governments. The first edition had gaps in spatial coverage of case studies especially in the Arctic, Asia, Africa and South America. Therefore, the second edition aimed to add new case studies from these unrepresented geographic areas.

This second edition has succeeded in achieving most of these goals. All of the case studies completed an assessment of the condition and trend of their study area, providing information that will be of direct interest and relevance to managers and decision-makers. The volume comprises 53 “case studies” contributed by GeoHab authors from around the world and we have achieved good representation from South America and Arctic regions. However, we have been less successful in filling the gap in Asia and Africa.

Link: <https://www.elsevier.com/books/seafloor-geomorphology-as-benthic-habitat/harris/978-0-12-814960-7>