

Underwater Geosciences

Coastal, lacustrine, and marine sciences encompass interactions of physical, chemical, and biological processes. Underwater geological processes influence the cycles, structure and composition of water from rivers and estuaries to lakes and oceans and affects the distribution of habitats.

This interdisciplinary session examines geological processes that occur underwater, from our inland lakes to the coast and the deep ocean. Many such processes can be hazardous to coastal populations and offshore infrastructure, and their understanding is key for coastal and marine management. The aim of this session is to enable scientists from a range of disciplines to interact and learn from each other and facilitate cross-disciplinary collaboration within this dynamic field of research. We encourage contributions to this session that are comprehensive and interdisciplinary within the broad field of geology, from coastal areas such as beaches and estuaries, lakes and rivers, shallower shelves, and slope down to the deep ocean floor.