

General Theme 1

1.9

This Open Session invites contributions from general and interdisciplinary topics within the diverse fields of Carbonates (marine and continental) and Bioconstructions. The session provides an opportunity to present studies that do not sit comfortably within any of the research topics covered by the special themes.

Topics of interest include (but are not limited to) studies on modern and ancient: shallow-marine reefs and deep water mounds; microbial and carbonate deposits associated with cold methane seeps and high-temperature black and white smokers and implications for evolution of life on Earth and extra-terrestrial planets; controls on diagenetic processes in shallow and deep burial settings; isotopic and elemental tracers in paleo-oceanography and global change; understanding the controls on calcite and aragonite seas through time; organic and inorganic controls on carbonate precipitation in the marine and continental realms; the warm-cool-cold carbonate depositional systems and their impacts on diagenetic processes.