

Hadal geology

Plate subduction

Hydration of
hadal lithosphere

Dehydration of
hadal lithosphere

V-topography

Fluid discharge

Earthquake

Turbidity current

Hadal life

Chemolithoautotrophic
community

Chemosynthetic
community

Heterotrophic
community

Benthic fauna

Accumulation of
organic matter

Accumulation of
pollutant

Chemical environment

Ocean current

Hadal environment