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Session

S20

www.cbga2010.org
info@cbga2010.org

S20 Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea

Conveners: [Soterios Varnavas](#) (GR), [Konstantinos Papavasileiou](#) (GR) & [David Cronan](#) (UK)

This session accepts both full papers and abstracts

Submarine mineralisation processes during the last 10 years received considerable attention after the impressive findings and perspectives associated with the Marine mineral resources, and submarine metallogenesis.

In the broader Carpathian-Balkan area some basins like the Aegean and Black Sea, whilst received extensive and thorough studies concerning their Geotectonic evolution and status, on the other hand received relatively much less attention concerning their metallogenesis and mineralization processes . Taking into consideration the fact that in these areas there are extremely important features such as, the volcanic and hydrothermal activity on the Hellenic Volcanic Arc, the hydrothermal activity in the immature Northern Aegean Trough, the formation of important placer minerals in the continental shelf of the Eastern Macedonia and Thrace, the important anoxic environments in the Black Sea, it is quite clear that these subjects require a more thorough and recent approach connected with the new developments and findings concerning the metallogenesis and mineralization processes.

Furthermore this session will attempt to explore the relationships between modern day hydrothermal activity in the Aegean and ancient hydrothermal ore deposits there.