

Geowissenschaftliches Kolloquium

Coral reef records of sea-level change and reef development during the last deglaciation

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Coral reefs are sensitive recorders of past sea-level, climatic and environmental changes. They form archives that may be used to understand the long-term behavior of the tropical ocean/atmosphere system in response to anthropogenic and natural forcing. Coral reef records of the last deglaciation (i.e. the last 23,000 yrs) are of special interest as this period is generally seen as a potential recent analog for the environmental changes that our Planet may face in the near future.



Dr. Gilbert Camoin is Senior Research Scientist at the CNRS-CEREGE, Aix-en-Provence, France. His major scientific interests concern the records of sea level and environmental/climatic changes by reefs and carbonate platforms and the impact of such changes on carbonate systems. Since 2012 he is managing ECORD (European Consortium for Ocean Research Drilling), the European participation to the International Ocean Discovery Program.

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