

PERTEMUAN PERSATUAN
Meetings of the Society

Ceramah Teknik (Technical Talk)

Late Cretaceous environmental change

ANDY GALE

Abstrak (Abstract)

The Cretaceous world differed significantly from our own in the lack of polar ice-caps, the very high global sea-levels which resulted in the flooding of many continents, the major palaeogeographic features such as presence of the Tethyan Ocean. The oceans were more prone to anoxia, and widespread organic-rich deposits formed in the shelves and in the ocean basins. I will examine the sedimentary record of this Cretaceous greenhouse world, and speculate as to why so much chalk formed on a global scale.