



# ÚSTAV GEOLOGIE A PALEONTOLOGIE PŘÍRODOVĚDECKÉ FAKULTY UNIVERZITY KARLOVY

si vás dovoluje pozvat na kombinovaný paleontologicko-sedimentární seminář, který se koná  
ve středu **19. dubna 2023** od **14:50** ve **Velké paleontologické posluchárně**  
Paleontologický seminář (MG422S42A) a Seminář ze sedimentární geologie (MG421S35B)

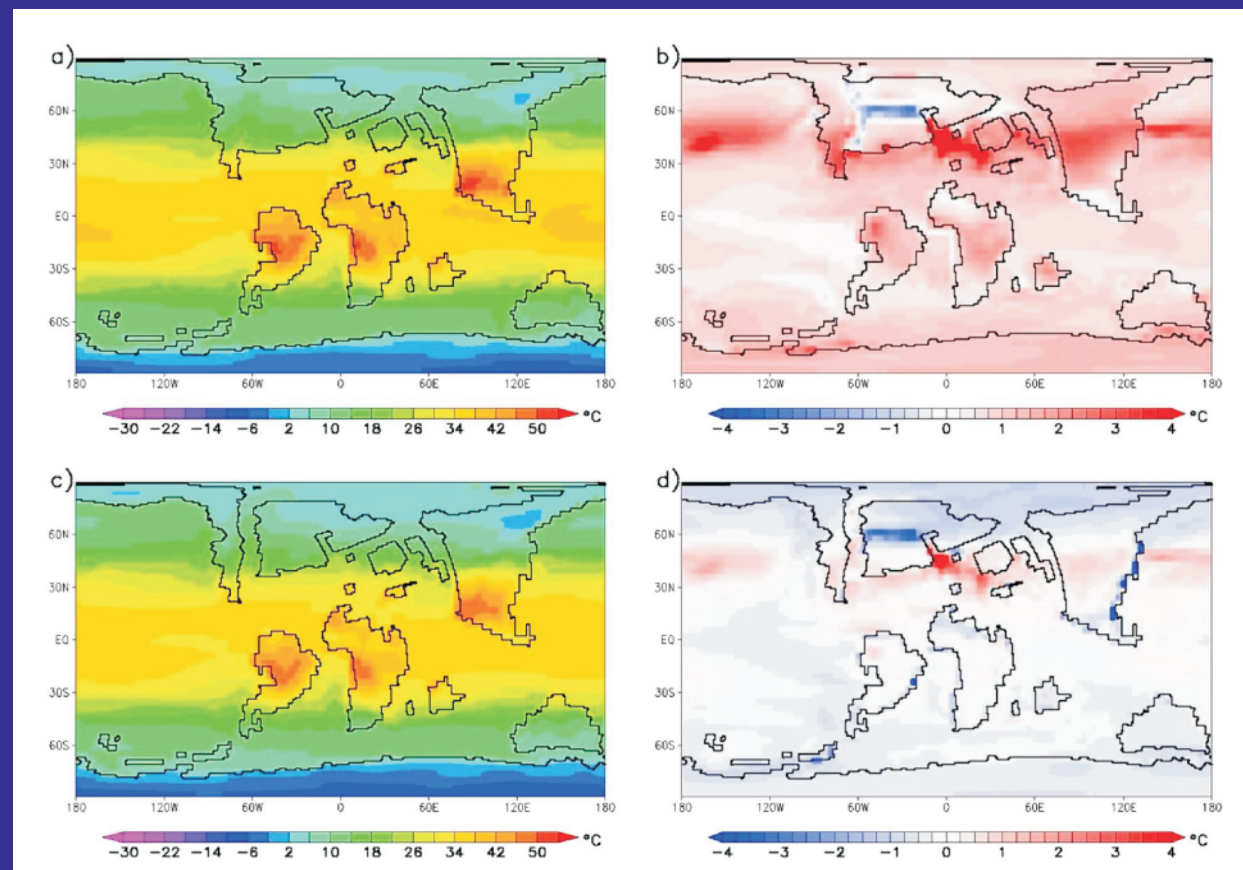


## Using Earth System Models to understand palaeoclimate and paleoenvironmental changes: two case studies from the Cretaceous greenhouse

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This special „double“ seminar will introduce the audience to the general principles of Earth System modelling and illustrate their application by two case studies dealing with Cretaceous paleoclimate / paleoceanography at the peak and decline of the greenhouse regime.



Reconstruction of the West Antarctic mid-Cretaceous (90 Ma) temperate rainforest. Image credit: J. McKay