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ve **čtvrtek 30. března 2023** od **14:50** ve **Velké paleontologické posluchárně**
Paleontologický seminář (MG422S42A) a Seminář ze sedimentární geologie (MG421S35B)

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Neogene Evolution of Adana Basin, Southern Anatolia-Turkey

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The Adana Basin is located in southern Turkey, very close to the microplate triple junction (Arabian, African, and Aegean-Anatolian). The Neogene sequence is represented by sedimentary rocks that deposited during the Aquitanian-Pliocene time period. The first deposition in the Adana Basin, uncomfortably overlying Palaeozoic-Mesozoic sediments, consists of Oligocene-Lower Miocene fluvial and lacustrine red beds. In Aquitanian-

Burdigalian, with the beginning of the transgression, shallow marine at the basin margin and reef carbonates at the topographic highs deposited with lateral and vertically transitional contacts. Langhian-Serravalian basin became deeper and represented by two submarine fans. On the submarine fans, the first with

deep marine and then shallow marine character with regression that begins. On the other hand, Tortonian sequence formed with terrestrial, deltaic and shallow marine environments. These units are followed by shallow marine siliciclastics, evaporites and fluvial sediments representing the Messinian Salinity Crisis.

