

# ARCHEOLOGICKÁ KOLOKVIA

podzim 2018

Ústav archeologie a muzeologie si Vás dovoluje pozvat na přednášku:

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## Dynamic waterscapes: water and man in northern central Europe during the late Holocene

přednáška se bude konat ve středu **14. 11. 2018 v 17.30**  
v učebně **T103/4** (Ústav archeologie a muzeologie FF MU,  
Kounicova 67a – budova VUT, Brno.)

### Abstract:

Knowledge of regional palaeo- and historic hydrology is essential for understanding current environmental issues, such as the causes of recent hydrologic changes, impacts of land use strategies and effectiveness of wetland restoration measures. Even the interpretation of model results on future impacts of climatic and land-cover changes may be improved using (pre-)historic analogies. Although hypothesized already for the late Bronze Age, according to dated field evidence intentional human impact on the waterscapes of the central European lowlands did not appear until the Roman period in the west (W Germany) and until the high Medieval period in the east (E Germany, Poland). Such impact comprised, for example, channel construction, impoundment of rivers and streams by water milling, irrigation, diking, and peatland cultivation. The lecture sheds light on the current state of knowledge on human transformations of the regional waterscapes particularly focusing on the Medieval and the Modern periods.



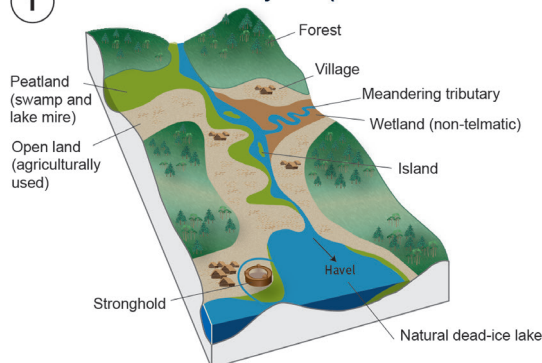
**Dr. habil. Knut Kaiser**

*(GFZ German Research Centre for Geosciences)*

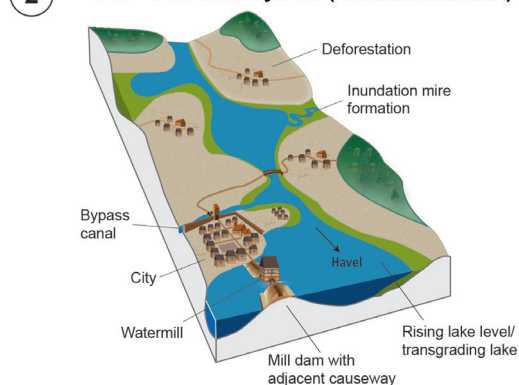
Physical Geographer specialized in Soil Science, Geomorphology and Geoarchaeology. He has finished 2001 a doctoral thesis on lake-basin evolution in northern Germany and has finished 2008 a habilitation thesis on Holocene environmental changes on the Tibetan Plateau/China. He works as a senior scientist at GFZ German Research Centre for Geosciences Potsdam. Currently, his researches concern a broad spectrum of questions on Holocene palaeohydrology of the central European lowlands, on late Quaternary relief and soil formation in this area and on the Medieval geomontan-archaeology in the central European uplands.



### 1 11th – 12th century A.D. (Late Slavonic Medieval)



### 2 13th – 14th century A.D. (German Medieval)



### 3 20th – 21st century A.D.

