

Geowissenschaftliches Kolloquium

Seasonal dynamics of biological processes in dimictic lakes

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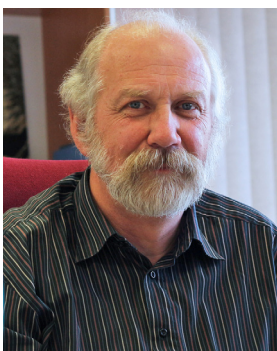
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In northwestern Germany, subsurface dissolution of Upper Jurassic evaporites and the subsequent collapse of the overlying Quaternary glacial and postglacial sediments resulted in the development of several lakes in the past 2500 years. Exhibiting different trophic levels today, these lakes develop an intense seasonal stratification displaying an anoxic lower half of the water column. Within this setting, biogeochemical processes display distinct seasonal dynamics.

Prof. Strauss studied geology at the TU Clausthal-Zellerfeld and obtained his doctoral degree from the University of Göttingen.

After postdoctoral research in the US, he completed his habilitation at the Ruhr-

University Bochum. Since 1999, he is Professor at the University of Münster. His research centers on the evolution of the ocean-atmosphere system, on modern submarine hydrothermalism, and on the anthropogenic influence on terrestrial ecosystems.



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