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# Palaeohydrological changes during the mid and late Holocene in the Carpathian area, central-eastern Europe

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## Abstract

Multi-proxy, high-resolution analyses (lithological, geochemical, environmental magnetism) anchored by 22 <sup>14</sup>C dates, of a 5.53 m long sediment core from Lake Ighiel (Romanian Carpathians, central-eastern Europe) allowed the reconstruction of key local, catchment-lacustrine dynamics and an appraisal of palaeohydrological and palaeoclimatic gradients acting regionally over the last 6000 years. The first sedimentological phase of the record from 6030 to 4200 cal yr BP, is

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