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Krimpeneerward (NL): P sources in groundwaters

Altitude in metres with respect to NAP

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Surface and ground waters were sampled in a region rich in peaty soils, with heavy inputs of manure. ¹⁸O is used to understand the source of P in the waters.

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* out of equilibrium



Vlist

Clay/peat at the surface (<2m), clay/sand at depth

Input water at 0.2 mgP/L PO₄ peak at 2 m (4 mgP/L), others < 1 mgP/L



Alterra

Peat at the surface (<2m), sand at depth

Input water at 1.9 mgP/L PO₄ peak at 12 m (3 mgP/L), surface at 0.2 mg P/L