

Phosphorus retention in a constructed wetland

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In the Netherlands, like in many other countries, source measures are not sufficient to reduce the P loads to surface waters below the required levels for environmental goals. Several alternative measures are being investigated to mitigate P loads. This poster presents the preliminary results for a constructed wetland since 2006. A longer research period is required for a sound evaluation because the various processes involved (reed development, nutrient uptake, harvesting, organic matter formation, sorption to the wetland soil, etc.) have not reached equilibrium yet. During 2008 average P retention was 25-30%.