

Enrichment and biogeochemical cycles of phosphorus in a pond Yamada-Onuma

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Phosphorus is an important nutrient which control the primary production in fresh water ecosystem. Yamada-Onuma is a highly eutrophic pond located in western Kanto prefecture (Musashi-Kyuryo).

We report the biogeochemical cycles of phosphorus in this pond in relation to the phosphorus input from feces of water bird on the basis of field observation from October 2004 to November 2006.