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Nitrogen Balance of Latvia

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Abstract

The evaluation of nitrogen balance at country level is one of key steps to responsible and effective nitrogen management system development and adoption of reactive nitrogen loss mitigation system. The nitrogen balance of Latvia is developed according to OECD, EMEP. IPCC and EPNB methodologies. The 12 pools of nitrogen inflows and outflows are analysed for time period from 2012 till 2016. The largest flows are related with agricultural sector, as well as transboundary nitrogen flows play very role in nitrogen balance of Latvia. The nitrogen budget of Latvia highlights the complexity of mitigation policy development and support policy decisions.

Keywords: nitrogen balance, reactive nitrogen, circular economy.

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