

Publication

Reversibility of soil acidification by reduction of acid input - an experiment with undisturbed soil columns

Book Item (Buchkapitel, Lexikonartikel, jur. Kommentierung, Beiträge in Sammelbänden)

ID 1089843

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Year 1992

Title Reversibility of soil acidification by reduction of acid input - an experiment with undisturbed soil columns

Editor(s) Teller, A.; Mathy, P.; Jeffers, J. N. R.

Book title Responses of Forest Ecosystems to Environmental Changes

Publisher Springer

Place of publication Dordrecht

Pages 789-790

ISSN/ISBN 978-94-011-2866-7

The acidification of soils has affected many forest ecosystems in the industrialized regions of the world. Data from ion budget studies indicate that there may be a remarkable retention of inorganically bound sulfate in these soils. It remains uncertain how previously adsorbed sulfate will react when sulfur loading is decreased. In this regard, desorption of previously adsorbed SO₄²⁻ may affect the sulfate concentration in the soil solution.

edoc-URL <http://edoc.unibas.ch/47347/>

Full Text on edoc No;

Digital Object Identifier DOI //doi.org/10.1007/978-94-011-2866-7_163

ISI-number WOS:A1992BX60T00159