

Contents Volume 23 1993

Volume 23 No. 1

J. M. BLAIS & J. KALFF: Atmospheric loading of Zn, Cu, Ni, Cr, and Pb to lake sediments: The role of catchment, lake morphometry, and physico-chemical properties of the elements	1
J. KESSELMEIER, F. X. MEIXNER, U. HOFMANN, A. AJAVON, S. LEIMBACH & M. O. ANDREAE: Reduced sulfur compound exchange between the atmosphere and tropical tree species in southern Cameroon	23
J. KESSELMEIER & L. MERK: Exchange of carbonyl sulfide (COS) between agricultural plants and the atmosphere: Studies on the deposition of COS to peas, corn and rapeseed	47
J. A. AMARAL, C. A. KELLY & R. J. FLETT: Measurement of organic- ³⁵ S and organic-S in lake sediments: Methodological considerations	61

Volume 23 No. 2

G. GERARD & J. CHANTON: Quantification of methane oxidation in the rhizosphere of emergent aquatic macrophytes: defining upper limits	79
A. HAMBUCKERS & J. REMACLE: Relative importance of factors controlling the leaching and uptake of inorganic ions in the canopy of a spruce forest	99
E. CL. MARNETTE, H. HOUWELING, H. VAN DAM & J. W. ERISMAN: Effects of decreased atmospheric deposition on the sulfur budgets of two Dutch moorland pools	119
Announcement	145

Volume 23 No. 3

S. P. SEITZINGER, L. P. NIELSEN, J. CAFFREY & P. B. CHRISTENSEN: Denitrification measurements in aquatic sediments: A comparison of three methods	147
D. W. JOHNSON, W. T. SWANK & J. M. VOSE: Simulated effects of atmospheric sulfur deposition on nutrient cycling in a mixed deciduous forest	169
P. M. VITOUSEK, L. R. WALKER, L. D. WHITEAKER & P. A. MATSON: Nutrient limitations to plant growth during primary succession in Hawaii Volcanoes National Park	197
Instructions for authors	217
Volume contents / Author index	223