## Contents Volume 15 1992

Volume	15	No	1
valume	17	- NO	

DALVA M. & MOORE T.R.: Sources and sinks of dissolved organic	
carbon in a forested swamp catchment TIETEMA A. & VERSTRATEN J.M.: Nitrogen cycling in an acid forest	1
ecosystem in the Netherlands under increased atmospheric	
nitrogen input. The nitrogen budget and the effect of nitrogen transformations on the proton budget	21
EMMETT B.A. & QUARMBY C.: The effect of harvesting intensity on the	
fate of applied <sup>15</sup> N-ammonium to the organic horizons of a coniferous forest in N. Wales	47
Volume 15 No. 2	
BOUWMAN A.F.: Agronomic aspects of wetland rice cultivation and	
associated methane emissions	65
BARON J., MCKNIGHT D. & DENNING A.S.: Sources of dissolved and	
particulate organic material in Loch Vale Watershed, Rocky	0.0
Mountain National Park, Colorado, USA	89
NOVAK J.M. & BERTSCH P.M.: The influence of topography on the	
nature of humic substances in soil organic matter at a site in the Atlantic Coastal Plain of South Carolina	111
BERNHARD J.M. & REIMERS C.E.: Benthic foraminiferal population	111
fluctuations related to anoxia: Santa Barbara Basin	127
Volume 15 No. 3	
PULLMAN W.M. & MEYER J.L.: Methane emissions from floodplain	
swamps of the Ogeechee River: long-term patterns and effects of	
climate change	151
AERTS R., BAKKER C. & CALUWE H. DE: Root turnover as determinant of	
the cycling of C, N, and P in a dry heathland ecosystem	175
SCHLESINGER W.H. & HARTLEY A.E.: A global budget for atmospheric	
NH <sub>3</sub>	191
GALLARDO A. & MERINO J.: Nitrogen immobilization in leaf litter at	• • •
two Mediterranean ecosystems of SW Spain	213
Instructions to authors	229
Volume contents / Author index	235