

Marine Chemistry, 68(1-2), December 1999

**Studies in Chemical Oceanography: a collection of papers dedicated to Professor J. Dennis Burton in honour of his contributions to Marine Chemistry**

...

Studies in Chemical Oceanography: a collection of papers dedicated to Professor J. Dennis Burton in honour of his contributions to Marine Chemistry, Pages 1-4

The inputs of dust derived elements to the Sargasso Sea; a synthesis, Pages 5-14  
T. D. Jickells

The trace metal chemistry of atmospheric dry deposition samples collected at Cap Ferrat: a coastal site in the Western Mediterranean, Pages 15-30  
R. Chester, M. Nimmo and M. R. Preston

Aeolian sources of rare earth elements to the Western Pacific Ocean, Pages 31-38  
M. J. Greaves, H. Elderfield and E. R. Sholkovitz

Island weathering: river sources of rare earth elements to the Western Pacific Ocean, Pages 39-57  
E. R. Sholkovitz, H. Elderfield, R. Szymczak and K. Casey

The role of entrained sediments in sea ice in the distribution of aluminium and iron in the surface waters of the Arctic Ocean, Pages 59-70  
C. I. Measures

Spatial variability of particle associated trace elements in near-surface waters of the North Atlantic (30°N/60°W to 60°N/2°W), derived by large volume sampling, Pages 71-86  
Joachim Kuss and Klaus Kremling

Photoreduction of mercury in sea water and its possible implications for Hg<sup>0</sup> air-sea fluxes, Pages 87-95  
M. Costa and P. S. Liss

Processes influencing distributions and concentrations of Cd, Cu, Mn and Ni at the North West European shelf break, Pages 97-115  
A. C. Le Gall, P. J. Statham, N. H. Morley, D. J. Hydes and C. H. Hunt

The balance of supply of nutrients and demands of biological production and denitrification in a temperate latitude shelf sea — a treatment of the southern North Sea as an extended estuary, Pages 117-131  
D. J. Hydes, B. A. Kelly-Gerreyn, A. C. Le Gall and R. Proctor

Sub-part per trillion levels of lead and isotopic profiles in a fjord, using an ultra-clean pumping system, Pages 133-143  
V. Stukas, C. S. Wong and W. K. Johnson

Particulate metals and their settling velocities in the Humber Estuary, UK, Pages 145-168  
G. E. Millward, T. K. Sands and C. F. Jago

Arsenic concentrations and speciation in the tissues and blood of sea mullet (*Mugil cephalus*) from Lake Macquarie NSW, Australia, Pages 169-182  
W. Maher, W. Goessler, J. Kirby and G. Raber