

ECOLOGICAL IMPACTS OF THE OIL INDUSTRY

**Proceedings of International Meeting
organized by The Institute of Petroleum
and held in London in November 1987**

**Edited by
BRIAN DICKS**

**Published on behalf of
The Institute of Petroleum, London**

1989

JOHN WILEY & SONS
Chichester • New York • Brisbane • Toronto • Singapore

CONTENTS

List of Contributors	vii
Foreword	ix
The Origins and Growth of the Oil Pollution Research Unit J. M. Baker and B. Dicks	1
Rocky-shore Monitoring A. Little and K. Hiscock	9
Oil in Wetlands J. M. Baker, J. A. Bayley, S. E. Howells, J. Oldham and M. Wilson	37
The Effects of Oil and Dispersants on Seagrasses in Milford Haven S. Howard, J. M. Baker and K. Hiscock	61
Sediment Macrofaunal Communities from Oil Ports to Offshore Oilfields D. Levell, D. Rostron and I. M. T. Dixon	97
Determination of Hydrocarbons in Environmental Samples: Sampling and Analytical Variability S. E. Howells, N. M. Dodd and C. Turner	135
The Role of Dispersants in the Persistence and Fate of Oil in Sediments D. I. Little and J. M. Baker	169
Sediment and Contaminant Transport in Milford Haven D. I. Little and P. McLaren	203
Coastal Sensitivity Mapping for Oil Spills B. Dicks and R. Wright	235

Monitoring the Sullom Voe Terminal	
S. S. C. Westwood, G. M. Dunnet and K. Hiscock	261
Refinery-effluent Discharges into Milford Haven and	
Southampton Water	
B. Dicks and D. Levell	287