



Environmental Micropaleontology

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Book Condition: New. Publisher/Verlag: Springer, Berlin | The Application of Microfossils to Environmental Geology | Microfossils are ideally suited to environmental studies because their short generation times allow them to respond rapidly to environmental change. This book represents an assessment of the progress made in environmental micropalaeontology and sets out future research directions. The taxa studied are mainly foraminifera, but include arcellaceans, diatoms, dinoflagellates, and ostracodes. The papers themselves range from reviews of applications of particular taxa to specific case studies. | Foreword; S.J. Culver. Preface; R.E. Martin. Introduction; R.E. Martin. Part I: Baseline Studies of Foraminifera. 1. When does environmental variability become environmental change? The proxy record of benthic foraminifera; J.W. Murray. 2. Distribution trends of foraminiferal assemblages in paralic environments: a base for using foraminifera as bioindicators; J.-P. Debenay, et al. Part II: Water Quality in Modern Marginal Marine and Freshwater Environments. A: Foraminifera. 3. Benthic foraminifera as bioindicators of heavy metal pollution: a case study from the Goro Lagoon (Italy); R. Coccioni. 4. Impact of anthropogenic environmental change on larger foraminifera, Tarawa Atoll, Kiribati, South Pacific; M.T. Ebrahim. 5. Larger foraminifera as indicators of coral-reef vitality; P. Hallock. B: Ostracoda. 6. Ostracoda in detection of sewage discharge...



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