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Altri autori (Persone)	StoermerEugene F. <1934-> SmolJ. P (John P.)
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Nota di contenuto	; pt. I. Introduction. ; 1. Applications and uses of diatoms: prologue / Eugene F. Stoermer and John P. Smol -- ; pt. II. Diatoms as indicators of environmental change in flowing waters and lakes. ; 2. Assessing environmental conditions in rivers and streams with diatoms / R. Jan Stevenson and Yangdong Pan.
Sommario/riassunto	Diatoms are microscopic algae which are found in virtually every habitat where water is present. This volume is an up-to-date summary

of the expanding field of their uses in environmental and earth sciences. Their abundance and wide distribution, and their well-preserved glass-like walls make them ideal tools for a wide range of applications as both fossils and living organisms. Examples of their wide range of applications include as environmental indicators, for oil exploration, and for forensic examination. The major emphasis is on their use in analysing ecological problems such as climate change, acidification and eutrophication. The contributors to the volume are leading researchers in their fields and are brought together for the first time to give a timely synopsis of a dynamic and important area. This book should be read by environmental scientists, phycologists, limnologists, ecologists and palaeoecologists, oceanographers, archaeologists and forensic scientists.

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