

1. Record Nr.	UNINA9910955106303321
Titolo	Lake pollution research progress // Franko R. Miranda and Luc M. Bernard, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-60741-905-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (408 p.)
Collana	Air, water and soil pollution science and technology
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Disciplina	628.1/68091692
Soggetti	Water - Pollution - Research Lakes - Environmental conditions - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""LAKE POLLUTION RESEARCH PROGRESS ""; ""CONTENTS ""; ""PREFACE ""; ""AN UPDATED REPORT ON THE WATER CHEMISTRY OF THE LAKES OF CENTRAL ITALY ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""HISTORY ""; ""WATER BALANCE ""; ""WATER QUALITY ""; ""CONCLUSIONS ""; ""ACKNOWLEDGEMENT ""; ""REFERENCES ""; ""ENVIRONMETRICS AS A TOOL FOR LAKE POLLUTION ASSESSMENT ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""THEORETICAL DESCRIPTION ""; ""Cluster Analysis ""; ""Principal Components Analysis ""; ""Principal Components Regression ""; ""N-Way Principal Components Analysis ""; ""Self-Organizing Maps ""</p> <p>""CASE STUDIES """"Lake Pollution Control in Northern Greece ""; ""High Mountain Lakes Monitoring in Southern Bulgaria ""; ""Rila Lakes Interpretation ""; ""Pirin Lakes Interpretation ""; ""Environmetric Assessment of Lake Water for Human Consumption ""; ""CONCLUSION ""; ""REFERENCES ""; ""LAKES IN THE APULIAN KARST (SOUTHERN ITALY): GEOLOGY, KARST MORPHOLOGY, AND THEIR ROLE IN THE LOCAL HISTORY ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""GARGANO ""; ""CONVERSANO ""; ""SALENTO ""; ""CONCLUSION ""; ""REFERENCES ""</p> <p>""ECOTOXICITY AND BIOACCUMULATION OF TOXIN FROM CYLINDROSPERMOPSIS RACIBORSKII: TOWARDS THE DEVELOPMENT OF ENVIRONMENTAL PROTECTION GUIDELINES FOR CONTAMINATED WATER BODIES """"ABSTRACT ""; ""1.0. INTRODUCTION ""; ""2.0.</p>

CYLINDROSPERMOPSIS RACIBORSKII AND ITS TOXIN ""; ""3.0. FACTORS INFLUENCING THE POTENTIAL FOR ECOTOXICITY ""; ""3.1. Growth of C. raciborskii in the Water Column ""; ""3.2. Dynamics of Toxin Production by C. raciborskii ""; ""3.3. Likelihood of Toxin Exposure ""; ""3.4. Assimilation Efficiency ""; ""3.5. Organism Susceptibility "" ""3.6. Production of Toxins and Substances Other than CYN "" ""3.7. Bioaccumulation ""; ""3.8. Coinciding Water Quality ""; ""4.0. TOWARDS THE DEVELOPMENT OF AQUATIC ECOSYSTEM PROTECTION GUIDELINES ""; ""4.1. Guidelines Based Solely on Toxin Concentrations ""; ""4.2. Guidelines Based Solely on Cell Concentrations ""; ""4.3. A Possible Solution ""; ""4.4. Guidelines as Part of a Wider Environmental Management Approach ""; ""5.0. FUTURE WORK ""; ""6.0. CONCLUSION ""; ""REFERENCES ""

""FOCUS ON UNDERSTANDING THE RELATION BETWEEN LAKES AND POLLUTION a€? MODEL-BASED APPROACH AND CASE STUDY OF SUBARCTIC LAKE "" ""ABSTRACT ""; ""INTRODUCTION ""; ""BASIC INFORMATION ""; ""POTENTIALLY TOXIC ELEMENTS ""; ""APPROACH TO LAKE POLLUTION MODEL ""; ""CASE STUDY OF A SUBARCTIC LAKE ""; ""MATERIALS AND METHODS ""; ""RESULTS ""; ""CONSIDERATION ""; ""SUMMARY AND FINDINGS ""; ""ACKNOWLEDGEMENT""; ""REFERENCES ""; ""AQUATIC POLLUTANT ASSESSMENT ACROSS MULTIPLE SCALES ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""SINGLE-SPECIES LABORATORY TESTING ""; ""MICROCOSMS/MESOCOSMS ""; ""FIELD STUDIES "" ""MULTIPLE SCALES OF EVIDENCE STUDIES ""

Sommario/riassunto

Water pollution is the contamination of water bodies such as lakes, rivers, oceans, and groundwater caused by human activities, which can be harmful to organisms and plants which live in these water bodies. Although natural phenomena such as volcanoes, algae blooms, storms, and earthquakes also cause major changes in water quality and the ecological status of water, water is typically referred to as polluted when it is impaired by anthropogenic contaminants and either does not support a human use (like serving as drinking water) or undergoes a marked shift in its ability to support its constituent biotic communities. Water pollution has many causes and characteristics. This book concentrates on lake pollution.