

CONTENTS

Preface		vii
Chapter 1	Assemblages of Zoosporic True Fungi, Heterotrophic Straminipiles and Plasmodiophorids in Freshwater Ecosystems <i>Agostina V. Marano, Carmen L. A. Pires-Zottarelli Frank H. Gleason, Sigrid Neuhauser and Mónica M. Steciow</i>	1
Chapter 2	Aquatic Ecosystem Health: A Review <i>Surjya Kumar Saikia, Santanu Ray, Joyita Mukherjee and Madhumita Roy</i>	57
Chapter 3	The Eutrophication of Aquatic Ecosystems: Causes, Effects and Rehabilitation <i>Gabriela Elena Dumitran and Liana Ioana Vuță</i>	103
Chapter 4	Peculiarities of Aquatic Ecosystems Functioning with Anthropogenic Impact: (Thermodynamic Aspect) <i>A.M. Nikanorov and M. M. Trofimchouk</i>	139
Chapter 5	Cyclic Recurrence of Intrareservoir Processes when Anthropogenic Impact Occurs on Freshwater Ecosystems <i>A.M. Nikanorov and B.L. Sukhorukov</i>	169

Chapter 6	Change of Biodiversity of Subarctic Freshwater Ecosystems: Case Study Russian North-West Region	195
	<i>T.I. Moiseenko, A. N. Sharov, O.I. Vandysh, V. A. Yakovlev and C. N. Gashev</i>	
Index		217