

Contents

Transboundary Water Cooperation for Sustainable Development of the Sava River Basin	1
Dejan Komatina and Samo Grošelj	
Climate Change Impact on Flood Hazard in the Sava River Basin	27
Mitja Brilly, Mojca Šraj, Andrej Vidmar, Miha Primožič, and Maja Koprivšek	
Climate Projections for the Sava River Basin	53
Andrej Ceglar and Jože Rakovec	
Integrated Approach to the Evaluation of Chemical Dynamics and Anthropogenic Pollution Sources in the Sava River Basin	75
Nives Ogrinc, Tjaša Kanduč, and David Kocman	
Elements and Persistent Organic Pollutants in the Sediments of the Sava River	95
Janez Ščančar, Ester Heath, Tea Zuliani, Milena Horvat, Jože Kotnik, Silva Perko, and Radmila Milačič	
Metal Bioavailability in the Sava River Water	123
Zrinka Dragun, Vlatka Filipović Marijić, Marijana Vuković, and Biserka Raspor	
Potentiometric Determination of Anionic and Nonionic Surfactants in Surface Waters and Wastewaters	157
Milan Sak-Bosnar, Dubravka Madunić-Čačić, Zorana Grabarić, and Božidar Grabarić	
Ecotoxicological Characterization of the Sava River: Biomarker Responses and Biological Assays	177
Tvrtko Smital and Marijan Ahel	

Microbial Characterisation of the Sava River	201
Damir Kapetanović, Irena Vardić Smrzlić, Damir Valić, Emin Teskeredžić, Stoimir Kolarević, Karolina Sunjog, Jelena Tomović, Margareta Kračun-Kolarević, Jelena Knežević-Vukčević, Momir Paunović, Zoran Gačić, and Branka Vuković-Gačić	
Algal Communities Along the Sava River	229
Snežana B. Simić, Vesna R. Karadžić, Mirko V. Cvijan, and Božica M. Vasiljević	
Aquatic and Wetland Vegetation Along the Sava River	249
Branko Karadžić, Snežana Jarić, Pavle Pavlović, and Miroslava Mitrović	
Zooplankton Community Along the Sava River	317
Aleksandar M. Ostojić, Ivana D. Radojević, and Anita Galir Balkić	
Aquatic Macroinvertebrates of the Sava River	335
Andreja Lucić, Momir Paunović, Jelena Tomović, Simona Kovačević, Katarina Zorić, Vladica Simić, Ana Atanacković, Vanja Marković, Margareta Kračun-Kolarević, Sandra Hudina, Jasna Lajtner, Sanja Gottstein, Đurađ Milošević, Stefan Anđus, Krešimir Žganec, Martina Jaklič, Tatjana Simčić, and Marina Vilenica	
Ichthyofauna of the River Sava System.....	361
Predrag Simonović, Metka Povž, Marina Piria, Tomislav Treer, Avdul Adrović, Rifat Škrijelj, Vera Nikolić, and Vladica Simić	
Fauna of the Riparian Ecosystems: Amphibians, Reptiles, Birds, and Mammals	401
Jelka Crnobrnja-Isailović, Avdul Adrović, Marko Čaleta, Nada Ćosić, Dušan Jelić, Dražen Kotrošan, Duje Lisičić, Saša Marinković, Katja Pobljšaj, Primož Presetnik, and Goran Sekulić	
Genotoxicological Studies of Lower Stretch of the Sava River	437
Branka Vuković-Gačić, Stoimir Kolarević, Karolina Sunjog, Jelena Tomović, Margareta Kračun-Kolarević, Jelena Knežević-Vukčević, Momir Paunović, and Zoran Gačić	
Indicative Status Assessment, Biodiversity Conservation, and Protected Areas Within the Sava River Basin	453
Vladica Simić, Ana Petrović, Boris Erg, Duška Dimović, Jarmila Makovinska, Branko Karadžić, and Momir Paunović	
Index	501

The Sava River

Milačić, R.; Scancar, J.; Paunović, M. (Eds.)

2015, XIV, 506 p. 127 illus., 107 illus. in color.,

Hardcover

ISBN: 978-3-662-44033-9