

Contents:

Prediction of siltation processes in reservoirs

Natália Junáková, Zuzana Kleščová, Marcela Gergel'ová..... 7

Comparison of Invest and ARIES tools focusing on recreational ecosystem services

Vilém Pechanec, Pavel Cudlín, Ivo Machar, Helena Kilianová 12

A proposal for the tourism attractiveness in the south-west part of the Slovak rural landscape

Andrea Jakubcová, Henrich Grežo, František Petrovič..... 17

Use of GIS and hydrological models in the process of implementation European Directive 2007/60/EC in the field of flood management

Marcela Gergel'ová, Žofia Kuzevičová, Martina Zeleňáková, Jan Unucka, Štefan Kuzevič... 26

The current state of revitalization evaluation of watercourses in terms of recreational potential of the model area of the river Ostravice in Ostrava

Ivana Lampartová, Jiří Schneider..... 32

Willingness to pay for services provided by forest ecosystems of the Training forest enterprise Masaryk Forest Křtiny

Petra Hlaváčková, David Březina, Dalibor Šafařík 41

Interactions of recreation and landscape protection in Slovakia

Attila Tóth, Mária Bihuňová, Denisa Halajová, Roberta Štěpánková 51

Methods for determination of grain size curves

Hana Uhmánová, Lukáš Smelík..... 56