

LIST OF FINAL THESIS

The second cycle study programme Hydraulic Engineering

No.	The topic of the final thesis	The supervisor	The evaluation
2018 m.			
1	The Analysis of Measures for Landslide Management in the Railway Section Jiesia – Rokai*	assoc. prof. dr. V. Grybauskienė	8 (good)
2	An Analysis of Dewatering and Further Use of Ground Excavated in the Port of Klaipėda*	assoc. prof. dr. R. Šadzevičius	8 (good)
3	Analysis of Vacuum Sewerage System Development in Lithuania	assoc. prof. dr. A. Radzevičius	9 (very good)
4	The Analysis of Defects and Damage of Lithuanian Bridges According to Reconstruction Projects	assoc. prof. dr. R. Šadzevičius	8 (good)
5	Opportunities of Reconstruction of Wastewater Treatment Plants with Aeration Channels*	assoc. prof. dr. M. Dapkienė	8 (good)
6	The Analysis of Ecoducts Design Solutions	assoc. prof. dr. V. Gurskis	9 (very good)
7	Investigation of the Main Damages of Land Reclamation Systems of Kretinga District Baubliai and Raguviškės Cadastral Areas	assoc. prof. dr. V. Vaičiukynas	6 (satisfactory)
8	Impact of the Controlled Drainage in Rietavas Municipality, Šiuraičiai Village on run-off, Water Quality and Environment*	assoc. prof. dr. I. Adamonytė	8 (good)
9	Reconstruction Options of Ilgis Polder in Elektrenai Municipality	assoc. prof. dr. T. Sankauskienė	8 (good)
10	Pile foundation installation technologies	assoc. prof. dr. M. Dapkienė	8 (good)
11	Changes of Nitrogen and Phosphorus Fluxes in the Šušvė River under Different Climate Change Scenarios	prof. dr. A. Povilaitis	10 (excellent)
12	Flood Risk Assessment in the Vicinity of Kartena Town using HEC-RAS 1D – 2D Models*	assoc. prof. dr. A. Dumbrasukas	10 (excellent)
13	Assessment of Drainage Channels Deformation using Remote Sensing*	assoc. prof. dr. A. Dumbrasukas	9 (very good)
14	Evaluation of Fails of Water Supply and Waste Water Infrastructure in Kaunas Town	assoc. prof. dr. A. Radzevičius	9 (very good)
15	Analysis of culvert structural design options on road Kaunas–Turžėnai	assoc. prof. dr. R. Šadzevičius	9 (very good)
16	Analysis of Defects in Vilnius City Square Pavement	assoc. prof. dr. R. Skominas	7 (highly satisfactory)
2019 m.			
1	GIS based Urban Flood Mapping*	assoc. prof. dr. A. Dumbrasukas	9 (very good)
2	Validation of Web-based Hydrologic Atlases for	prof. dr. P. Punys	9 (very good)

	the Rivers in Lithuania		
3	Resistance of Military Barriers produced from Different Materials	assoc. prof. dr. R. Skominas	8 (good)
4	Analysis of the Use of Kaunas Waste Water Network for Electric Power Generation*	assoc. prof. dr. A. Kvaraciejus	8 (good)
5	The Analysis of Measures for Seepage Reduction through Kloviniai Earth Dam in Utena	assoc. prof. dr. R. Šadzevičius	8 (good)
6	Analysis of Variants for Landslides Stabilization under the Pedestrian Bridge on Graužė Creek	assoc. prof. dr. R. Šadzevičius	7 (highly satisfactory)
7	Flood Risk Assessment for Kretinga Town - Padvarių Dam Failure Case Study	assoc. prof. dr. A. Dumbrasukas	8 (good)
8	Effect of Aggregates Impurity on Concrete Properties	assoc. prof. dr. R. Skominas	9 (very good)
9	Influence of Aggregates Type on the Properties of Decorative Concrete"	assoc. prof. dr. R. Skominas	9 (very good)
10	Possibilities of the Use of the SEWERCAD V8i Program for Design and Analysis of the Sewer Network	assoc. prof. dr. G. Žibienė	9 (very good)
11	Maintenance Effects on the Hydraulic Properties of Open Ditches*	assoc. prof. dr. A. Dumbrasukas	8 (good)
12	The Analysis of Storm Sewer Systems Construction in Kaunas Free Economic Zone	assoc. prof. dr. T. Sankauskienė	8 (good)
13	Gas Pipeline Crossings through Water Barriers Project and Construction Peculiarities Analysis	assoc. prof. dr. V. Grybauskienė	8 (good)
14	Storm Water Management Strategies Based on Multicriteria Analysis for Vilnius City Districts*	prof. dr. P. Punys	8 (good)
15	Investigation of Influence of Red Color Pigment to Concrete Properties	assoc. prof. dr. V. Gurskis	9 (very good)
16	Analysis of Technical State Changes of Hydraulic Structures in Utena County, Creation of Database and Website	assoc. prof. dr. T. Sankauskienė	10 (excellent)
17	The Distribution of Funds for Repair and Maintenance of State-owned Land Reclamation Structures	assoc. prof. dr. V. Vaičiukynas	7 (highly satisfactory)
2020 m.			
1	Design and Analysis of Stormwater Networks With Storm Water Management Model	assoc. prof. dr. G. Žibienė	9 (very good)
2	An Assessment of Environmental Requirements of Kuodžiai Hydropower Plant	prof. dr. P. Punys	10 (excellent)
3	Comparison of AutoCad civil 3d and Epanet Possibilities For Engineering Network Design and Analysis	assoc. prof. dr. G. Žibienė	8 (good)
4	Possibilities of Fish Migration Restoration in Nemunas River by Kaunas City*	prof. dr. P. Punys	9 (very good)
5	Use of Stone Tile Waste in Concrete Production	assoc. prof. dr. R. Skominas	10 (excellent)
6	Water Management Engineering and Construction Services Export	assoc. prof. dr. I. Adamonytė	8 (good)
7	Evaluation of the Efficiency of Kavarskas Hydropower Plant	assoc. prof. dr. M. Dapkienė	9 (very good)

8	Hydraulic Research of the Planned Railway Bridge Piers on the Neris River Below Jonava	prof. dr. P. Punys	9 (very good)
9	Influence of Unidirectional Deformations of Filtration Materials used in Drainage Systems on Pore Size*	assoc. prof. dr. V. Vaičiukynas	8 (good)
10	Rainwater Collection and its Efficient use in Urban Areas	assoc. prof. dr. A. Radzevičius	8 (good)
11	Effect of Regulatory Drainage in Kaunas District on Runoff and Water Quality*	assoc. prof. dr. I. Adamonytė	6 (satisfactory)
12	Efficiency of Reconstructed Wastewater Treatment Plants of Small Settlements in Šilutė District	assoc. prof. dr. M. Dapkienė	9 (very good)
13	Analysis of Complicated Hydrogeological Conditions During the Ponds Construction	assoc. prof. dr. R. Šadzevičius	7 (highly satisfactory)
14	Research of the Beach Shore Changes Near Giruliai After Sand Replenishment in the Coastal Zone in 2001-2019*	assoc. prof. dr. R. Šadzevičius	9 (very good)
15	Evaluation of Use and of Maintenance Hydrotechnical Structures in Širvintos District Municipality	assoc. prof. dr. V. Gurskis	9 (very good)
16	Research of Installation Technologies of Road Embankment*	assoc. prof. dr. V. Gurskis	9 (very good)
17	Evaluation of Ice Loads by Analysis of Ropeways Structures	assoc. prof. dr. R. Šadzevičius	9 (very good)
18	The Impact of Ground Water Level Change on the Pump Efficiency in Klovainiai Dolomite Quarry*	prof. dr. A. Povilaitis	10 (excellent)
19	An Assessment of Possibilities of Vilnius City Water Networks for Power Generation*	prof. dr. P. Punys	9 (very good)
20	Assessment of Surface Wastewater Treatment in Flooded Streets	assoc. prof. dr. A. Radzevičius	8 (good)

* - the topics of the final theses were initiated by the social partners of the higher school.