

**DISSERTATION TOPICS AND SUPERVISORS IN ENVIRONMENTAL ENGINEERING SCIENCE FIELD (T004)
FOR 2022**

No.	Topic	Supervisor	Research Group
1	Potential of energy production from hemp	Prof. Eglė Sendžikienė	Prof. Violeta Makarevičienė
2	Investigation of stormwater (surface runoff) in urban areas	Prof. Petras Punys	Prof. Algirdas Radzevičius, Dr. Egidijus Kasiulis
3	The impact of preparation and sustainable use of fast-growing hybrid plants on energy conversion and environmental pollution	Prof. Algirdas Jasinskas	Prof. Egidijus Šarauskis Prof. Eglė Jotautienė, Nerijus Striūgas
4	Technological and environmental assessment of processing and use of invasive plants for energy purposes	Prof. Algirdas Jasinskas	Prof. Egidijus Šarauskis Prof. Eglė Jotautienė Nerijus Pedišius
5	Telematics data use for influence on environment reduction	Asoc. prof. Antanas Juostas	Prof. Dainius Steponavičius Prof. Egidijus Šarauskis Prof. Eglė Jotautienė
6	Use of porous alkali-activated materials for the adsorption of heavy metals from wastewater	Prof. Danutė Vaičiukynienė	Prof. Algirdas Radzevičius
7	Reduction of environmental pollution in precision tillage technologies	Prof. Egidijus Šarauskis	Dr. Vilma Naujokienė Dr. Sidona Buragienė Dr. Kristina Lekavičienė
8	Managing the sustainability and efficiency of the food raw material drying process using environmentally friendly solutions	Asoc. prof. Egidijus Zvicevičius	-
9	Reduction of pollution in road transport environment by growing CO2 absorbing agriculture crop	Dr. Kristina Lekavičienė	Prof. Egidijus Šarauskis Dr. Vilma Naujokienė Dr. Sidona Buragienė
10	Sustainability analysis of biomethane production technologies and the influence on environmental pollution	Asoc. prof. Kęstutis Venslauskas	-
11	Research of technical state evaluation, reconstruction or renaturalisation possibilities of neglected hydroschemes	Asoc. prof. Raimondas Šadzevičius	Asoc. prof. Rytis Skominas
12	Application of micro and nanobubble technology in irrigation: impact on water use efficiency and the environment	Prof. Arvydas Povilaitis	-
13	Environment protection and resource saving by using drones for spraying of agricultural plants	Prof. Dainius Steponavičius	Dr. Aurelija Kemzūraitė
14	Effectiveness of the system for determining the spatial distribution of mycotoxins in reducing pollution in crop production	Dr. Vilma Naujokienė	Prof. Egidijus Šarauskis Prof. Dainius Steponavičius Dr. Kristina Lekavičienė