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Academic Degree:	dr hab. inż. (DSc.)
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UPWr Base of Knowledge - link:	<a href="https://bazawiedzy.upwr.edu.pl/info.seam?id=UPWr4edd48bfb3a24212acaa1c83c721f7e3&amp;affil=&amp;lang=pl">https://bazawiedzy.upwr.edu.pl/info.seam?id=UPWr4edd48bfb3a24212acaa1c83c721f7e3&amp;affil=&amp;lang=pl</a>
Researchgate:	
Personal website / Working group website:	
Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca)):	JAWECKI B. 2019: Manager/coordinator of the LGD Gromnik grant no. 7/G/2018/06, entitled: Promotion of the Gromnik LGD area through the development and publication of a reviewed publication (monograph) devoted to the cultural and natural values related to the extraction and use of rocks from the Strzelin region and a series of promotional lectures/lectures entitled "The role of quarries and the use of local rocks in shaping the landscape of the Strzelin region." The contract was financed under sub-measure 19.2 "Support for the implementation of operations under the community-led local development strategy" covered by the Rural Development Program for 2014-2020 for operations implemented under the grant project of the Gromnik Local Action Group Association.
PhD topic:	Dynamics of landscape changes in mining areas - proposal of guidelines for limiting the impact of the exploitation of hard rock raw materials on the landscape
Research discipline in Doctoral School:	Environmental Engineering, Mining and Energy
Short description of the research problem to be solved in the PhD (minimum 1000 characters):	The presented research topic focuses on research on the dynamics of transformation of the quarry landscape in terms of changes in the use and development of mining areas resulting from open-pit mining of compact rock raw materials and their processing, as well as the visual transformation of the landscape in terms of the interior of the quarry, close view and open landscape. The research will concern three types of excavations: deep, slope-deep and slope. The result of the conducted research will be the verification of the general thesis that changes in the landscape of mining areas depend on the type of quarry (deep pit, slope-pit and slope excavation) and its type (block or aggregate) and are characterized by high dynamics both in terms of changes in the use and development of the mining area and and the visual role of the quarry in the landscape. The proposed research will be based on the analysis of the development of mining areas, based on orthophotomaps made in various periods, as well as on the analysis of panoramas of the landscape with the quarry (close view and open landscape) and the landscape of the quarry (interior of the quarry). The result of the work will be the identification of areas with the greatest dynamics of landscape changes, identification of their causes and development of guidelines to reduce the undesirable impact of the extraction of hard rock raw materials on the landscape.
Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters):	"Completed second-cycle studies in the following fields: landscape architecture, spatial management, architecture, other fields, e.g. environmental protection, environmental engineering with specializations in environmental impact assessment. Knowledge of the GIS environment is recommended, e.g. ArcGIS, Qgis, other programs enabling map creation and spatial analysis. Knowledge of visualization programs or the ability to perform visualizations while maintaining perspective and scale is recommended. Fluent knowledge of Polish. Knowledge of English on min. B2 level is required. Recommended publication and/or conference achievements."
a) Project title:	none
b) Agreement number:	none
c) Number of months in the project to support PhD student (in months; starting from 1st of October 2024):	0
Project website:	