

Title:	Hydrostructures pressure on environment
Lecture hours:	15
Study period: (summer/winter)	Winter, summer
Number of credits:	5
Assessment methods:	Graded credit
Language of instruction:	English
Prerequisites:	Course for geography students
Course content:	<p>Introduction part (lecture):</p> <ol style="list-style-type: none"> 1. Characteristics of hydrostructures (dam and hydropower plant, weirs, river banks strengthening – eg. groynes, etc.) 2. Influence of hydrostructures on: water flow dynamics, water management, water quality, sediment dynamics, (micro)climate, touristic use of water, etc. <p>Field part (field exercise):</p> <ol style="list-style-type: none"> 1. Field visit on selected hydrostructures (functioning, management, etc.).
Learning outcomes:	<p>K01 – student knows the hydrostructure constructions goals;</p> <p>K02 – student knows the principles of hydrostructures functioning;</p> <p>S01 – student is able to determine the impact of a hydrostructures on the environment;</p>
Name of lecturer:	dr Dawid Szatten
Email address:	szatten@ukw.edu.pl