



JOHN WESLEY THEOLOGICAL COLLEGE

COURSE TEMATICS

<p>Course: Water Protection & Water Management</p>	<p>Course type: Lectures & seminar</p>	<p>Credits: 3</p>	<p>Course ID: KTAK252</p>
<p>Course responsible: Török Liliana Paraschiva</p>	<p>Programme type: theoretical</p>	<p>Hours/Semester: 20</p>	<p>Assessment: exam</p>
<p style="text-align: center;">Course objectives:</p> <p>The course objective is to identify and explain topics related to importance of water resources (aquifers or surface), protection (identify the main causes for water balance disturbance) and water management (to gain knowledge on different types of water management methods, to understand the importance of sustainable use of water).</p>			
<p style="text-align: center;">Competencies to be improved:</p> <p>Knowledge: T1, T2, T3, T6, T7 Ability: K4, K5 Attitude: A3, A4, A6 Autonomy and responsibility: F2</p>			
<p style="text-align: center;">Compulsory literature:</p> <p>Downloadable course materials provided by the lecturer in the time of the classes indicated in the timetable.</p> <p style="text-align: center;">Recommended literature:</p> <p>Cassin J, Matthews J.H., Lopez Gunn E., (eds.), 2021. Nature-based Solutions and Water Security. An Action Agenda for the 21st Century. 462 p., https://doi.org/10.1016/C2019-0-00102-1</p>			
<p style="text-align: center;">Course content:</p> <p>Water Balance (the water cycle, the distribution of water on Earth) Water Systems (freshwater, ground water, oceanic water) Water Problems & Conservation (depletion of water, flooding, pollution) Water management: Current and future challenges and research directions</p> <p style="text-align: center;">Course requirements:</p> <p>Completing several electronic control tests during the class. Exam grade can be offered based on the average grade of submitted course assignments. Final exam is a cumulative test. If, due to objective reasons, a course has to (and will) be held online, the participation requires stable internet connection, a switched-on webcam, and the use of a microphone at the lecturer's request. In the absence of any of these, the student is considered missing the class.</p> <p style="text-align: center;">Grading scale:</p> <p>Control test grades: >90 %: excellent, 75-89.9 %: good, 60-74.9 %: satisfactory, 45-59.9 %: pass Exam grades: >90 %: excellent, 80-89.9 %: good, 65-79.9 %: satisfactory, 50-64.9 %: pass</p>			
<p>Course Programme: WJLF ENVIRONMENTAL SCIENCE</p>	<p>Semester: 2022_2023_1</p>	<p>Lecturers: Dr. TÖRÖK Liliana Paraschiva</p>	