

SCIENTIFIC MISSION WITHIN UNIGreen Joint Research Centre no. 4 (JRC4)

Title of the Scientific Mission (SM)	Ecosystem Services In Functional Connectivity
Organizing University	Warsaw University of Life Sciences (SGGW), Poland
Organizing Unit	UNIGreen JRC4 Biodiversity, Forestry, and Agroecology
Coordinator	Wojciech Kędziora (ORCID 0000-0002-1469-9532) wojciech_kedziora@sggw.edu.pl
Dates from-to (in total 5 days)	8-12.09.2025
Location	SGGW Forest Experimental Station, Rogów, Poland (https://maps.app.goo.gl/GkkV249e6X4mPrYFA)
Accommodation	SGGW field hotel (to be booked by organisers) (https://maps.app.goo.gl/WSumuDBsLV1VW63C9)
SM program	Day 1: Arrival of participants, registration, icebreaker Day 2: Conservation forests in the Forest Experimental Station Rogów. Does conservation ensure the sustainability of all ecosystem services? Comparison with the surrounding forests on the same soil types. Day 3: Hydrogenic habitats (Popień Forest). Impact of beavers on wetland forest persistence, habitat mosaic, and biodiversity. Mapping the impact of beavers – how far does the impact extend from the watercourse? Day 4: Project brainstorming (focus on Biodiversa+ upcoming call in 2025), verification of competences Day 5: Group photo, certificates, departure of participants
SM objectives	<ul style="list-style-type: none"> • Intensification of academic exchange by enhancing access to advanced research resources • Facilitation of mobility for academics and doctoral students • Establishing international scientific networks among participants • Improving research quality through knowledge exchange • Advancing UNIGreen towards becoming a collaborative community focused on innovation and sustainability
Target group	Researchers and PhD students of UNIGreen Alliance universities
Prerequisites	Forestry education equivalent to EQF 7 and forestry-related research

Project UNIGreen Skills – Mobility Training Program, Agreement no. BPI/WUE/2024/1/00014/U/00001 in the frame of the Support for European Universities Program, Polish National Agency for the Academic Exchange.
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Training hours	30
Topics of training	<ul style="list-style-type: none"> • Ecosystem services recognition and value • Impact of climate change on ecosystem services • Various ecosystem services links
Form of training	Face to face
Didactics methods	Lectures, field work, workshop, group project
Training materials	Manuals
Literature	<ol style="list-style-type: none"> 1. Millennium Ecosystem Assessment (Ed.), 2005. Ecosystems and human well-being: synthesis, The Millennium Ecosystem Assessment series. Island Press, Washington, DC. 2. United Nations (Ed.), 2018. Forests and water: valuation and payments for forest ecosystem services. United Nations, Geneva, Switzerland. 3. United Nations, United Nations, United Nations Environment Programme, Food and Agriculture Organization of the United Nations (Eds.), 2014. The value of forests: payments for ecosystem services in a green economy, Geneva timber and forest study paper 1020-2269. United Nations, Geneva. 4. Fornal-Pieniak, B., Mandziuk, A., Stangierska, D., Parzych, S., Arsénio, P.M.R., 2023. Preferences of Young Adult Visitors to Manor Parks in South Poland: A Study on Ecosystem Services and Scenic Quality. Land 12, 323. https://doi.org/10.3390/land12020323
Form of confirmation	Document confirming: <ol style="list-style-type: none"> 1) description of learning outcomes related to the acquired competence, 2) confirmation that the verification was carried out based on the defined verification criteria, 3) confirmation that solutions ensuring the separation of the learning process from the verification were used.
Trainer	Agnieszka Mandziuk (0000-0002-0623-767X)
Verificator	Michał Orzechowski (0000-0002-3618-3107)
Methods of archiving	<ul style="list-style-type: none"> • Participation list • Photos • Participants documentation • Questionnaires
Recruitment	Online in accordance with the recruitment regulations – attachment 1
Financing	Based on project regulations – attachment 2

Evaluation	Online questionnaire		
Learning outcomes	Description	Verification criteria	Means of verification
Knowledge	Participant knows and understands ecosystem services and their importance in modern biodiversity and forestry problems	<ul style="list-style-type: none"> • Participant understands what is the ecosystem service • Participant understands the importance of the ecosystem service for forests 	<ul style="list-style-type: none"> • Quiz • Matching examples
Skills	Participant can categorise ecosystem services into groups and value their importance	<ul style="list-style-type: none"> • Participant know how to categorise the ecosystem services in forests • Participant knows how to evaluate the ecosystem services in forests 	<ul style="list-style-type: none"> • Case study • Map of ecosystem services
Social competences	Participant is ready to work in a group setting to achieve desired goals as well as serve as a peer	<ul style="list-style-type: none"> • Participant is able to take part in group work • Participant is able to provide peer feedback 	<ul style="list-style-type: none"> • Feedback sandwich • Checklist participants