

Iceland Liechtenstein Norway grants

The "Islands of Knowledge" project benefits from a grant of €155,956.00 from Iceland, Liechtenstein and Norway under the EEA Funds. The project aims to develop a culture of quality in the education sector by diagnosing, planning, developing and implementing by 30.04.2024 a concept of university education based on universal design, inclusive and personalised education, as well as the teaching of key skills from the point of view of socio-economic needs and competences necessary for the free adaptation of students and graduates of the University of Silesia in Katowice to changing times.

ACTIVITIES CARRIED OUT UNDER THE PROJECT "ISLANDS OF KNOWLEDGE"	
Module Title:	<i>Current environmental challenges and climate change</i>
Task:	<i>Development, implementation and evaluation of classes in the seminars</i>
Instructor:	<i>dr Paweł Wąsowicz, dr Guðný Vala Þorsteinsdóttir, dr Snorri Sigurðsson, dr Sunna Björk Ragnarsdóttir</i>
Course content:	<ol style="list-style-type: none"> 1. Natural and anthropogenic determinants of biological invasions in the context of climate change. 2. The importance of microorganisms in environmental DNA diversity. 3. Nature conservation efforts in policy making: Iceland- Poland 4. Tree planting as a solution to climate change problems. 5. Monitoring and its relevance to nature conservation: environmental, social and economic contexts.
Literatura:	<ol style="list-style-type: none"> 1. Bajwa AA, Chauhan BS, Farooq M, Shabbir A, Adkins SW. 2016. What do we really know about alien plant invasion? A review of

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	<p>the invasion mechanism of one of the world's worst weeds. <i>Planta</i>. 244(1):39-57. doi: 10.1007/s00425-016-2510-x.</p> <ol style="list-style-type: none">2. Meyer, S.E., Callaham, M.A., Stewart, J.E., Warren, S.D. (2021). Invasive Species Response to Natural and Anthropogenic Disturbance. In: Poland, T.M., Patel-Weynand, T., Finch, D.M., Miniati, C.F., Hayes, D.C., Lopez, V.M. (eds) <i>Invasive Species in Forests and Rangelands of the United States</i>. Springer, Cham. https://doi.org/10.1007/978-3-030-45367-1_5.3. Sahu A., Kumar N., Singh Ch. P., Singh M. 2023. Environmental DNA (eDNA): Powerful technique for biodiversity conservation, <i>Journal for Nature Conservation</i>, 71, 126325, https://doi.org/10.1016/j.jnc.2022.126325.4. Palmer, L. How trees and forests reduce risks from climate change. <i>Nat. Clim. Chang.</i> 11, 374–377 (2021). https://doi.org/10.1038/s41558-021-01041-65. Cao, S., Liu, Z., Li, W. et al. Balancing ecological conservation with socioeconomic development. <i>Ambio</i> 50, 1117–1122 (2021). https://doi.org/10.1007/s13280-020-01448-z
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