ACTIVITIES CARRIED OUT UNDER THE PROJECT "ISLANDS OF KNOWLEDGE"	
Module Title:	*Current environmental challenges and climate change*
Task:	*Development, implementation and evaluation of classes in the seminars*
Instructor:	*dr Paweł Wąsowicz, dr Guðný Vala Þorsteinsdóttir, dr Snorri Sigurðsson, dr Sunna Björk Ragnarsdóttir*
Course content:	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:	1. Bajwa AA, Chauhan BS, Farooq M, Shabbir A, Adkins SW. 2016. What do we really know about alien plant invasion? A review of the invasion mechanism of one of the world's worst weeds. Planta. 244(1):39-57. doi: 10.1007/s00425-016-2510-x. 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., Miniat, C.F., Hayes, D.C., Lopez, V.M. (eds) Invasive Species in Forests and Rangelands of the United States. 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,

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4. Palmer, L. How trees and forests reduce risks from climate change. Nat. Clim. Chang. 11, 374–377 (2021). https://doi.org/10.1038/s41558-021-01041-6
5. Cao, S., Liu, Z., Li, W. et al. Balancing ecological conservation with socioeconomic development. Ambio **50**, 1117–1122 (2021). https://doi.org/10.1007/s13280-020-01448-z