

Project 1.7. Understanding patterns of emotional responses to climate change and their relation to mental health and climate action taking

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Laboratory: Laboratory of Brain Imaging

WWW: <https://lobi.nencki.gov.pl/>

Background:

The global climate crisis currently poses one of the greatest threats to humanity. To reduce the risks and effects of global warming, people need to radically change their approach to the environment. For many people, the awareness of climate change is a source of stress, sadness and anxiety. At the same time, more and more people around the world engage in climate action. However, we still know surprisingly little about our emotional responses to climate change and their impact on pro-environmental behavior.

Aim:

The aim of the project is to fill the gap in knowledge about emotional reactions to climate change, and their impact on mental health and proenvironmental behavior. In our research, we will conduct four studies using questionnaire and experimental methods.

Abstract for the general public:

<https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2019-06-17/streszczenia/457891-en.pdf>

Requirements:

- MSc in psychology/cognitive science, biology, physics or similar,
- a strong interest in the project,
- readiness to work in a collaborative environment
- participation in scientific projects
- fluency in spoken and written English

Extra assets:

- completed courses in neuroimaging methods
- experience with magnetic resonance imaging (MRI) or electroencephalography (EEG),
- knowledge of statistical software (SPSS, R, AMOS),
- knowledge of high-level, general-purpose programming language (Python, C, Java)
- knowledge of Matlab