

ERUAIR (ERUA_Air Interdisciplinary Research)

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Keywords

Air, resilience, quality of life, epidemic modelling, environmental awareness, ecocriticism, environmental injustice

Main Research Objective

The ERUAIR cluster seeks to explore, within and through the various disciplines, a deeper understanding and interpretation of the relationship between living beings—primarily humans—and the element of air. Underlying this investigation is the desire to fully offer a definition of quality of life for citizens that gives air the centrality it deserves and can thus participate in redefining European and international environmental policies in a scientific and comprehensive manner. Only a multidisciplinary, transcultural and multi-regional focus can be able to offer an effective complex vision of the relevance and urgency of the air issue. The research carried out so far in the environmental context has neither given the necessary space to the topic nor offered a multifocal investigation. Therefore, the main objective of our interdisciplinary project is to establish air as a key factor in the definition of quality of life, considering pivotal aspects such as resilience, gender innovation, environmental injustice, and ecocriticism. Thanks to an interdisciplinary and intercultural perspective that ranges from epidemic modelling to aesthetic artefacts, from Europe to China, we will engage in fostering and enhancing a new global environmental awareness focused on air.

Main Research Outcome

Dissemination to a larger audience of educational activities aiming at creating a new public awareness on the environmental topic of air. Cooperation with research infrastructures/institutes with which we already have strong relationships (such as Global resilience institute (Boston); European Academy of Management (EURAM); Kobe Institute for Atmospheric Studies; For the Nature Coalition (Bulgaria); Air for Health Association; Laboratory of Practices of Sustainable Development (New Bulgarian University); PLACE FOR FUTURE Transdisciplinary International Education Network of Sustainable Development and Civic Participation; Greek Environmental Science; Hellenic Association for Information and Communication Technologies in Agriculture, Food & Environment (HAICTA); Greek Ecological Science). Publications on open peer-reviewed Journals of specific researches of sub-teams on air. An open-access publication of a collective volume of proceedings after the multi-disciplinary conference stemming from an effective process of mutualisation and exchange of perspective among the different fields. These researches are conducted always through the active involvement of PhD students and fostering young researchers. We also aim to present applications for funds from international calls such as “Rethinking urban spaces towards climate neutrality” (HORIZON-MISS-2024-CIT-01-01).

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