

Vaiga Vyšniauskienė

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2020 – 2023 Vilnius University, Climate systems / Master degree.
Thesis: “Climatic characteristics in the South-eastern Baltic region over the last 500 years”.

2005 – 2010 Vilnius University, Meteorology and hydrology / Bachelor degree.
Thesis: “The Temperature Advection Impact on the Surface Extreme Temperature Development”.

PROFESSIONAL EXPERIENCE

2006 – 2020 Administrator
UAB "R.A.C.H.E.L. Consulting"
Environmental and public health projects management.

RESEARCH INTERESTS

The climate change impact on the relationship between regional weather anomalies and prevailing atmospheric circulation types in Baltic region. The main goal would be to answer the question how formation of weather anomalies has changed due to changes in large-scale atmospheric circulation patterns during historical period in the South-Eastern Baltic region. The first step would include an analysis of the classifications that are under German Weather Service supervision: a) the objective classification of circulation types and b) the subjective classification of large scale circulation types in Europe (Hess – Brezowsky). In the second step it is planned to use the backward trajectory analysis for studying the air mass advection impact on regional/ local weather anomalies. Another part of theme should cover the analysis of the frequency of atmospheric circulation types in the Baltic region in different periods of the 21st century with the aid of outputs of climate models and their ensembles.