



Tracking impacts of climate change in the Arctic marine ecosystems through cephalopod diversity and life histories

Fact Sheet

Project Information

ArCeph

Grant agreement ID: 101065960

DOI

[10.3030/101065960](https://doi.org/10.3030/101065960)

Project closed

EC signature date

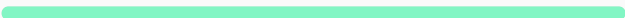
27 April 2022

Start date

15 May 2022

End date

14 May 2024



Funded under

Marie Skłodowska-Curie Actions (MSCA)

Total cost

No data

EU contribution

€ 173 847,36

Investment in EU policy priorities

Digital agenda	☐	Clean air	☐
Artificial Intelligence	☐	Climate action	☐
Biodiversity	☐		

Coordinated by
HELMHOLTZ-ZENTRUM FUR
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Project description

Studying cephalopods to deal with the climate change in the Arctic

The impact of climate change on polar areas imposes quick and efficient interventions. A more accurate ecological monitoring in the Arctic can lead to more rational management of the marine ecosystems and hopefully a limitation of the climate change impact. More specifically, the study of Cephalopoda (Phylum Mollusca), whose characteristics suggest their potential to survive climate change, appears to be promising. By implementing traditional and novel methodologies, the EU-funded ArCeph project investigates the biodiversity, the historical background and the ecological role of cephalopods in the Arctic and their ontogenetic and temporary changes in the climate change context.

Fields of science (EuroSciVoc)

[natural sciences](#) > [earth and related environmental sciences](#) > [atmospheric sciences](#) > [climatology](#) > [climatic zones](#)

[humanities](#) > [history and archaeology](#) > [history](#)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#)



Keywords

[Stable isotope analysis](#)

[environmental DNA](#)

[food web modelling](#)

Programme(s)

[HORIZON.1.2 - Marie Skłodowska-Curie Actions \(MSCA\)](#)

MAIN PROGRAMME

Topic(s)

[HORIZON-MSCA-2021-PF-01-01 - MSCA Postdoctoral Fellowships 2021](#)

Call for proposal

[HORIZON-MSCA-2021-PF-01](#)

[See other projects for this call](#)

Funding Scheme

[HORIZON-TMA-MSCA-PF-EF - HORIZON TMA MSCA Postdoctoral Fellowships - European Fellowships](#)

Coordinator



HELMHOLTZ-ZENTRUM FUR OZEANFORSCHUNG KIEL (GEOMAR)

Net EU contribution

€ 173 847,36

Total cost

No data

Address

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Region

Schleswig-Holstein > Schleswig-Holstein > Kiel, Kreisfreie Stadt

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

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European Union, 2025