



Residency Application Guidance Notes

Objectives

Our objectives are to:

- Facilitate visual and sound-based creative explorations of data from marine climate science
- Produce creative digital expressions as an entry point for public audiences to engage with the science and consequences of climate change in the marine and coastal environment
- Focus this task on the science of major changes underway in the Arctic, out-of-sight for most but with global reach and important consequences for Scotland.

Key aspects will be:

- Work with a marine climate scientist to co-create an approach to exploring and expressing their data and research
- Employ innovative and/or technological methods that culminate in works that are predominantly or entirely digital in form, with guidance from Creative Informatics. (See [Creative Informatics](#) for inspiration).
- Resulting commissioned works for which venue-based exhibition will have limited space or infrastructure requirements and may even be exhibited in multiple locations simultaneously. Consequently, works will also be readily shared and experienced online
- Documentation of the creative process through the residency and commissioning phases, culminating in the production of a coherent piece that can be shared online (e.g. video or report with photographic timeline)

Eligibility

We invite applications from:

- Visual and sound artists
- Creatives who have already identified a marine climate scientist for collaboration
- Creatives who have not identified a collaborating scientist but can demonstrate a creative approach well-suited to art-science collaboration for public impact and one or more of the scientific themes outlined below

Budget

Budget: all costings include VAT if chargeable

Residency fee: £3000 artist fee (per artist)

Following the residency there will be an opportunity for further commissioning of artworks (by September 2021). The budget for commissions, subject to approval, is £9000 across the two commissions/artists (including materials)

In the context of ongoing Covid restrictions and risk we anticipate this largely being an online residency, with scientist-creative meetings taking place by video conference. This can remain under review as the year progresses and opportunities for travel and in-person meetings considered; we have a travel and expenses budget for this possibility.

We are developing an ambitious programme of exhibition and online public sharing opportunities for the resulting works, for impact before, during and after the United Nations CoP26 climate negotiations to be held in Glasgow in November.

There is a separate budget to accommodate travel and subsistence during the residency and exhibition phase of the project. We also have some separate budget for transport cost of any works to the exhibition venues if required and for the documentation of the creative process and exhibiting, in collaboration with the artists.

Science Themes

Science themes are framed by the Blue Action project:

The [Blue-Action](#) project is a major European research project investigating the effect of a changing Arctic on weather and climate. As the main science partner in Ocean ARTic, the science themes within the project are framed by its scope, although collaborating scientists do not need to be from the Blue Action project. Broadly, key themes are:

1. **Drivers of changes in the Arctic.** This can include how we understand these changes such as ocean observations (e.g. temperature at different depths) and [remote sensing](#), changing ocean parameters such as heat transport on ocean currents, or large-scale changes in ocean circulation (e.g. the [AMOC](#)).
2. **Impacts of climate change in the Arctic.** This can include sea ice loss, permafrost melt, or changing currents.
3. **Impacts of Arctic changes on lower latitudes.** This can include ocean and atmospheric impact pathways of weather and climate on areas across Northern Europe, extreme weather events and changes to ocean currents.
4. **How we can predict future impacts of Arctic changes.** This involves large scale ocean computer modelling, ocean “memory”, and accounting for uncertainty and bias in climate predictions.
5. **Societal impacts and adaptation.** This can involve how we use predictions and data to advise communities and businesses (e.g. fishing and shipping) on how to adapt to climate-driven changes in the Arctic that are already happening or coming

Selection Process

The selection process will consider:

- Evidence of previous collaborative work with scientists or a clear enthusiasm to develop this approach in their work
- Clarity of thought on, and proposed creative approach to, an art-science collaboration for public impact on one or more of the science themes (see below)
- Willingness to explore creative application of data-driven innovation/technology
- Recognition of need for predominantly or entirely digital works that can be experienced both (a) in a venue with limited space or infrastructure requirements and (b) online.
- Willingness to document and share creative process
- Achievability within timeframe, including indication of time commitment
- Thought to practicalities of online scientist-creative collaboration during likely ongoing Covid-restrictions

The selection panel will consist of representatives of the project partners.

Note that a review of progress from the residency in late-June will invite proposals for commissioned work from the artists. A decision on whether to proceed to commissioning of works from the artists in residence will be based on:

- Clear use of or inspiration from data/science in the development of creative ideas
- Indication of capacity of final works to have public impact, inspiring thought and conversation on climate issues
- Confidence that exhibitable outputs can be delivered in time available and in form suitable for finalising exhibition and public sharing (venue-based and online)

Timeframe

The application form should be completed online by 5pm (GMT) on the 28th April 2021

For any questions, please email hello@peopleoceanplanet.com with the subject line 'Ocean ARTic'.

Any interviews will be held by video call on Friday 7th May.

Successful artists will need to be available to start the residency by week commencing 17th May.

Project Partners:

