

Guidelines for proposals – iEarth development projects Spring 2021

iEarth's vision is to “*create a student-centred, innovative learning environment for future Earth system scientists and citizens to meet complex societal challenges and opportunities. This will be done by promoting active learning and real-world problem-solving through a nationally integrated Earth system science education with a global perspective*”. In iEarth, students and instructors is joining forces to renew our Earth system science education”

The iEarth development project funds are an incentive and motivation to develop teaching and learning cooperation across departments and universities, engage students in improving their learning environment, collect data, to develop teaching and learning in geoscience and to promote SoTL (Scholarship of Teaching and Learning).

Projects can apply for funding up to 50 000 NOK. If a larger budget is needed to carry out the project, iEarth can help to find alternative funding sources.

Projects can run for 2 years and, if needed, projects can apply for follow-up funding.

Call for projects – communication and timeframe

For a period of 5 years there will be two calls every year. It is possible to apply for the same project more than once, also if the project has received funding before.

- Call date: 15th of February 2021
- Application deadline: 15 March 2021
- Funding decision (with feedback) will be sent within six weeks after application deadline
- Start of project: the following fall, unless otherwise specified in the project description
- To apply, use attached form

Next call for iEarth development projects will be autumn 2021.

Who can apply?

Faculty, postdocs, PhD students, and students from geoscience institutions. Instructors and students at Norwegian institutions outside iEarth can also apply for funding, however it is required that there exists collaboration with colleagues at the iEarth institutions.

What can you apply for?

See the [iEarth centre plan](#) for examples. We encourage applicants to contact progress domain leaders if they are especially interested in topics covered by the five iEarth progress domains. Examples of project topics include, but are not limited to:

- Development of a new course based on student active learning approaches

- Development of new student activities
- Development of new teaching methods and material
- Teaching issues related to the Covid-19 lockdown
- Activities improving the student learning environment
- Trying out new teaching methods and materials
- Investigating learning outcomes (SoTL)
- Development of software to be used in an existing course
- Development of visual evaluation tools
- Production of instructional videos

Funding can be requested for teachers who temporarily need to hire replacements (or teaching assistants) for their teaching to work on such projects. Project funds may also include conference fees to attend SOTL conferences.

iEarth funding does not cover:

- Teaching sabbatical
- Fieldwork or excursions
- Equipment

The iEarth project evaluation committee and evaluation

The evaluation committee consists of the education chairs of the iEarth institutions, one committee member with a formal background in education research, the iEarth centre leader and a student representative. The committee publishes a list of funded projects within 6 weeks after the application deadline. The projects may receive full or partial funding. The iEarth network coordinator will report to applicants by email and funded projects will be announced on www.iearth.no.

In case of potential conflicts of interest in the committee, the member with conflict of interest will be excluded in the evaluation of the projects in question.

Project evaluation criteria

The funded projects need to:

- Be aligned with the iEarth vision
- Contribute to one or more of the five iEarth progress domains, as specified in the action plan (https://iearth.no/files/2020/06/Action-plan-iEarth_final.pdf)
- Include a plan for communicating, sharing, and/or distribute the results from the project

The project will be given priority if it includes:

- Co-creation with students
- Involvement of colleagues
- Involvement of several institutions (both iEarth partner institutions and other)
- A communication and dissemination plan (if possible, for larger projects, include plans to publish a peer review paper in an educational journal or present at a SoTL conference)

Project reporting and dissemination

It is a requirement that all funded projects will benefit the iEarth community and that there is alignment between the [DIKU plan for SFUs](#) as well as the contract between iEarth and DIKU.

In addition to sharing and disseminating project results, funded projects need to submit a short report (1-5 pages) following the IMRAD framework. The report will be added to the *iEarth Education Research Publication Series* and made available on www.iearth.no. By adding the project report to our publication series it becomes citable, and authors can use it as a publication in their resumes.

A report template is available on www.iearth.no along with examples from other projects. In addition, iEarth will provide workshops for the funded projects to support the development and to aid in the report writing.

The projects that receive iEarth funding requires a dissemination strategy and here are some examples of dissemination that can be included in this strategy:

- Workshop or presentation at the Geolearning forum
- Workshop, presentation, or poster at other relevant conference
- Workshop at departments for/with students
- Information, results, and findings shared at www.iearth.no
- Scientific publication

Questions related to the proposal can be directed to your local Education Chair:



Karianne Lilleøren



Bjarte Hannisdal



Kjersti B. Daae



Anders Schomacker



Marius Jonassen

Application form – iEarth project funding

Name of activity/project:
Responsible: [name(s) and institution(s) of the responsible person(s)]
Email address of corresponding author

Applications should not exceed 2 pages (font size 11, maximum numbers of characters 7000).

1. About the project

Title and short description

2. The project aim and relevance for the iEarth vision and progress domains

(mention which specific courses the project will be relevant for, if this is applicable)

3. The project plan, milestones, allocation of responsibilities and resources

4. Plan for evaluation, dissemination, and reporting

5. Transfer value to other teachers

6. Budget

Template budget

Request from iEarth:	XXXXX NOK
Funding from other sources	XXXXX NOK
Total:	XXXXX NOK

	(show calculation in this column)	Costs
Salary		
Travel		
Food		
Other		
Total		