21 October
09:00-10:00  Mingle, coffee and fruits.

10:00-10:20  Welcome to the 3rd national Geolearning Forum!
iEarth – Teaching and learning (culture) for the future. Practical information, Led by iEarth Centre Leader Jostein Bakke, UiB.

10:20-11:00  Keynote 1. Led by Ilan Dehli Villanger, UiO.

Ilan Dehli Villanger: human gardener, senior adviser and project manager “ForVei”, MN-faculty UiO.

11:00-11:15  Coffee break and fruits

11:15-12:15  Session 1

Finding out what works and not in your teaching – led by Guro Lilledal Andersen and Anders Mattias Lundmark, UiO

Teaching can be tricky. What should be kept, and what changed? And how should it be changed? Who would know? In this session we'll explore different ways of getting and giving feedback.

12:15-13:15  Lunch

13:15-14:15  Session 2

Landing that position – how to increase competence awareness in academia – led by Ingvild Lorentzen, Oda Bjørnsdatter, Johanne Sofie Lund and Iver Martens, UiT - The Arctic University of Norway

Career learning is emphasized as one of the key priorities for the future academia. Students, employers and governmental forces has an increased focus towards career attractiveness and employability. We believe this to multi-faceted issue, where there is a certain gap in the terms and language applied between the industry and the academia, where students are left alone upon bridging that gap. Helping both students and their teachers becoming more aware of the spoken language in the employment market is believed to be a step forward in career learning. Through this short workshop we aim to introduce students and teachers to the key terms of competence and knowledge.
mapping, systemizing skills and competencies, competence communication among others. Introducing both students and teachers to the concept we expect a major wakeup call when we explore the converging and non-converging zones of knowledge in this field between the two groups.

14:15 – 14:30 **Coffee Break**

14:30 – 15:30 **Session 3: Sharing session.**

Several short and interesting presentations. 5–15 minutes. Wait and see.

15:30 – 16:15 **Sharing session continues with mingle and coffee**

16:15–17:00 **Open session + summing up all the sessions.**

18:30 **Dinner at Hotell Leangkollen**

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**22 October**

08:30-09:00 **Mingle and coffee**

09:00-09:15 **Introduction day 2**

09:15-10:00 **Keynote 2. Led by Tone Gregers**

My story - from what the student is to what the student does.

*Tone Gregers: Senior lecturer in biology, author, award winner for innovation, for science communication, and for teaching excellence, and excellent teaching practitioner at UiO*

10:00 –10:15 **Coffee break**

10:15-11:15 **Parallel Session**

1) **Designing student learning trajectories – led by Bjarte Hannisdal and Dario Blumenschein, UiB**

A bachelor programme in Earth science often appears simply as a list of courses, and it can be difficult to make sense of the programme as a whole. As a student, do you see how the bachelor degree prepares you for the future? As an instructor, do you see how your teaching fits in a bigger picture? How can we represent the activities students do and connect them into coherent learning progressions that prepare students for their future? Come join us at this workshop where we will introduce a simple, user-friendly interactive tool to
share ideas for student learning activities and explore how we can connect the dots.

2) **Improving supervision of master students** – led by Tom Arne Rydningen and Siri Elén Karlsen.

Supervisors have a high degree of freedom when it comes to supervision of master students, and there are many different viewpoints among both supervisors and students on how supervision is best done. In this workshop, we will facilitate for exchange of experience when it comes to supervision strategies, and we will discuss clarification of expectations, deadlines and feedback, as well as collaboration and work-life relevance.

11:15-11:30 **Coffee break and fruits**

11:30-12:30 **Parallel session**

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12:30-13:30 **Lunch**

13:30-14:30 **Parallel Session**

1) **Exploring present and future digital learning tools parallel** – led by Marius Jonassen, UNIS
In this workshop we will showcase future-oriented digital learning tools, ranging from virtual field trips to video instructionals, with examples from among others recent projects funded by iEarth. We will invite the participants to share their own experiences with digital learning tools and for a discussion on how they can adapt the showcased tools at their own institutions.

2) New Earth Science instructors - workshop on how to teach confidently with a sense of legitimacy – led by Anders Ahlberg, Lund University and UiT- The Arctic University of Norway

On group level, academic teaching has positive effects on junior Science instructors’ own scientific thinking in their disciplines (Feldon et al. 2011). For some, teaching interaction with students is immediately conceived as rewarding whereas others find their first student encounters intimidating. In this workshop we will 1) depart from knowledge on how Science instructors typically evolve in their early stage, 2) share personal early experiences of Science teaching, and 3) jointly develop robust strategies for how novel instructors can approach their first geoscience teaching tasks with a sense of confidence and legitimacy.

14:30-14:45 Coffee break

14:45-15:00 Highlights of the 2021 Geolearning Forum - Led by iEarth progress domain 3 leader Anders Mattias Lundmark, UiO.