

Logaldalli namma/ logaldalliid namaid: Per Anton Øverseth Olsen

Institušuvdna: UiT Norgga Árktaš Univeristehta

E-mail: per.a.olsen@uit.no

Sámi engineering science and duodji

Čoahkkáigeassu/ abstrákta:

I want to discuss the relationship between Sámi engineering science and duodji as a subject for both duodji and traditional knowledge students, and engineering students.

For several years there has been, and still is, an incentive to include Sámi topics in a broader range of higher education in Norway. Some examples are UiT's strategy, Eallju, the universities' obligations to perform reconciliatory actions as dictated by the Truth and Reconciliation report, and projects such as "Balanseprosjekt om involvering av samiske perspektiver ved breddeuniversitetene". Some universities have extra obligations due to their influence and importance in the region. Education in technology is one of the fields where there is a lack of Sámi context, which one can argue has a negative impact on how technology affects Sámi people. At the same time, Sámi and other indigenous peoples are increasingly adopting modern technologies in their traditional livelihoods and work. Examples include the use of drones in reindeer herding and nature monitoring, non-traditional materials used in duodji, navigation equipment in fishing vessels, a variety of language-related technologies, and different IoT technologies. Despite the frequent use of these technologies, there are few examples of engineering science addressing Sámi technology, and even fewer examples of such topics in educational programs.

During the workshop, participants will investigate the following topics:

- 1) Some foundational principles of Sámi technology, and how these relate to duodji and Sámi values
- 2) Intersections between teaching in duodji and teaching in technology
- 3) How and where technology should be introduced to Sámi students
- 4) How and when Sámi topics should be introduced to engineering students