UArctic Thematic Network on Digital North: Three-Dimensional Technologies and Arctic Education

Activities 2022

Research projects:

- Digital North: Bridging Collections and Arctic Communities with Three-Dimensional Technology

  Project aim and partners:

  The UArctic Thematic Network Digital North: Three-Dimensional Technologies and Arctic Education explores how emergent digital tools, including three-dimensional modeling, can support locally articulated desires in the Sámi homelands.

  The project was made possible with UArctic-funding from UiT The Arctic University of Norway, and is currently a cooperation between the University of Maine, University of Nebraska-Lincoln, Sámi Education Institute in Finland, the Sámi Museum in Karasjok, and Sámi University of Applied Sciences.

  https://www.uarctic.org/news/2022/10/project-activity-digital-north-three-dimensional-technologies-and-arctic-education/

Outreach:

- Presentation in Raising Indigenous Voices in Academia Conference, October 24, 2022. Matthew Magnani, Jelena Porsanger, Sami-Ásllat Laiti, Natalia Magnani, Anne May Olli, Paula Rauhala and Samuel Valkeapää "Raising Indigenous Voices through Small Museum Collections: Community Reconnections from Sápmi to the Smithsonian Institution"

  https://www.umt.edu/natives-strengthening-indigenous-languages-cultures/conference-info.pdf

  https://umaine.edu/news/blog/2022/10/11/reminder-umaine-a-site-for-raising-indigenous-voices-in-academia-and-society-on-oct-24/

Activities planned and conducted 2023

Funding from the University of Maine was used to acquire new digital equipment to make high quality 3D tours of museums for educational outreach.

In April TN will pilot this technology by making 3D tours of the Sámi Museum in Karasjok, and outdoor craft learning environments in Sápmi.

In 2023 TN has continued and nearly finished group publications slated for submission to *Museum Anthropology* (to be submitted for review in April), and *Current Anthropology* (to be submitted in August) to disseminate the TN's work in peer reviewed venues.

TN leader Matthew Magnani is preparing applications for larger pools of funding to the National Science Foundation's Arctic Social Sciences Program to support continued work of the group members pursuing research questions related to the use of digital technologies and Arctic education.