



Norwegian University  
of Life Sciences



# Arctic WASH Online Course Water, Sanitation and Health in the Arctic

June 20<sup>th</sup>- July 8<sup>th</sup> 2022

**Organised by:**

[UARCTIC Thematic Network on Arctic WASH](#)



# Arctic WASH Online Course

## Experience

- Circumpolar perspective
- Lectures by leading scientists and practitioners in the field
- Online discussion sessions with instructors
- Active student engagement and collaboration through modern e-learning facilities

## Topics

- Current status of water and sewer service in the Arctic
- Environmental impacts of water and sewer in the Arctic
- Local pollution aspects
- Climate change and WASH
- Indigenous knowledge and WASH
- Health and risk assessment of water and sewer in the Arctic
- Technology: experience and developments



# Arctic WASH Online Course

## Confirmed teachers

Pernille Erland Jensen, Technical University of Denmark  
Aaron Dotson University of Alaska Anchorage  
Sherilee Harper University of Alberta  
Aaron Cooke Cold Climate Housing Research Center  
Petter D. Jenssen Norwegian University of Life Sciences  
Roland Kallenborn, Norwegian University of Life Sciences  
Rob Jamieson Dalhousie University  
Kenneth Johnson National Research Council Canada  
Yury Sumarokov Northern State Medical University  
Cheryl Rosa, USARC , Alaska  
Michael G. Bruce, CDC, Alaska  
Maria Gunnarsdottir, University of Iceland  
Gunvor M. Kirkelund, Technical University of Denmark  
Lisbeth Truelstrup Hansen, Technical University of Denmark

**Level:** Graduate and post-graduate level depending of the final assignment

**Workload and credits**  
5 ECTS or 3 Credits  
120 hours

## Tools:

- Video recorded lectures to watch when it fits your time zone
- Individual assignments with peer feedback
- Quizzes
- Online discussions scheduled to fit the full range of time-zones represented as good as possible



# Arctic WASH Online Course

**For students enrolled at one of the organizing institutions please enroll at your home university by notification of the university organizer no later than 1<sup>st</sup> of April:**

Professor Petter D. Jenssen Norwegian University of Life Sciences, [petter.jenssen@nmbu.no](mailto:petter.jenssen@nmbu.no)

Associate Professor Pernille Erland Jensen, Technical University of Denmark, [pej@byg.dtu.dk](mailto:pej@byg.dtu.dk)

Professor Aaron Dotson University of Alaska Anchorage, Aaron Dotson, [addotson@alaska.edu](mailto:addotson@alaska.edu)

Associate Professor Sherilee Harper University of Alberta [sherilee.harper@ualberta.ca](mailto:sherilee.harper@ualberta.ca)

Professor Rob Jamieson Dalhousie University, Rob Jamieson [jamiesrc@dal.ca](mailto:jamiesrc@dal.ca)

Head of the Department of International Cooperation, Yury Sumarokov Northern State Medical University, [sioury@mail.ru](mailto:sioury@mail.ru)

**For students from DTU Partner Universities** (listed here: [DTU Beyond Borders](#)). participation is free, provided **application by 1<sup>st</sup> of March 2022** here: <http://www.icn.dtu.dk/>. Please also notify Pernille Erland Jensen, Technical University of Denmark, [pej@byg.dtu.dk](mailto:pej@byg.dtu.dk), whom can also be approached for any questions regarding the application.

**For participants from other universities or businesses** tuition fees will apply, but tuition fee waivers may be granted to students with documented long term engagement in the Arctic. Please direct you application to enroll to: Associate Professor Pernille Erland Jensen, Technical University of Denmark, [pej@byg.dtu.dk](mailto:pej@byg.dtu.dk) by sending an e-mail with a ½ page motivation letter stating your educational background, any relevant professional experience, as well as previous engagement in the Arctic **no later than 1<sup>st</sup> of April**. Notice of tuition fee waiver and enrollment procedure will be given no later than 5<sup>th</sup> of May.

