

3rd INTERNATIONAL LIVING NORWAY COLLOQUIUM: THE ETHICS AND TECHNICAL KNOW-HOW OF OPEN SCIENCE IN ECOLOGY AND EVOLUTION



- Bridging the gap between researchers, practitioners and policymakers

PROGRAM

Venue: The hybrid conference will be located at NINA-Huset in Trondheim. Høgskoleringen 9, 7034 Trondheim, Norway.

Date: October 25th – 26th.

Day 1, October 25th:

The plan on day 1 is to have a series of lectures covering three main topics. The lecturers will be from various sectors, both from Norway and abroad. The tentative program for day 1 is as follows:

Time	Activity	Description
	Session 1	What tools and know-how do we need to manage our data according to modern expectations? Chair: Erlend Nilsen, project leader of Living Norway Ecological Data Network
10:00-10:10	Welcome:	Signe Nybø, Research director, NINA
10:10-10:30	Living Norway Ecological Data Network - Status and vision:	Erlend B. Nilsen, Senior Research Scientist at NINA, Professor in ecology at Nord University and Anders G. Finstad, Professor, Department of Natural History NTNU University museum.
10:30-10:50	Gold standards for expensive data: streamlining archiving, distribution, and integrated analysis of long-term individual-based data,	Chloe R. Nater, Researcher, NINA
10:50-11:10	LivingNorwayR - Creating a Darwin Core Standard compliant data archive ("a data package") for your biodiversity data,	Matt Grainger, Researcher, NINA and Joseph Chipperfield, Researcher, NINA.
11:10-11:30	Is the peer-reviewed literature a source or sink for open primary biodiversity data?	Caitlin Mandeville, PhD Candidate, NTNU
11:30-11:50	Applying and promoting open science in ecology - surveyed drivers and challenges.	Aud Helen Halbritter Rechsteiner, Researcher, Department of Biological Sciences, University of Bergen (UiB)
11:50	Panel discussion	
12:00-13:00	Lunch	



	Session 2	Ethics and best principles in a FAIR and open data landscape Chair: Anders Finstad, co-PI of Living Norway Ecological Data Network
13:00-13:20	How should we share research data? Recommendations from the Norwegian committee on sharing and reuse of research data: Ingrid Heggland, Senior research librarian, NTNU Library	
13:20-13:40	An Editor's perspectives on data archiving: Daniel I. Bolnick, Editor-In-Chief, The American Naturalist, Professor, Ecology and Evolutionary Biology & Institute for Systems Genomics	
13:40-14:00	Navigating the landscape of sequencing databases and concepts for machine readable data use restrictions: Korbinian Bösl, Data management coordinator, BioMedData & ELIXIR Norway	
14:00	Panel discussion	
14:15-14:45	Coffee break	
	Session 3	User perspectives on open data and open science in ecology and evolution Chair: Katrine Eldegard, Professor NMBU, member of the steering committee of Living Norway Ecological Data Network
14:45-15:05	Modelling the heterogeneity within citizen science data for biodiversity research: Diana Bowler, German Centre for Integrative Biodiversity Research (iDiv)	
15:05-15:25	Standardizing inventory data capture, sharing and re-use for biodiversity modeling and assessment with the Humboldt extension to Darwin Core: Yanina Sica PhD, Data Manager Map of Life, Yale University and Robert Guralnick, Curator of Biodiversity Informatics. Department of Natural History and the Florida Museum of Natural History.	
15:25-15:45	What challenges do a common researcher face in large integrative research projects? Ivar Herfindal, Researcher in population ecology at Centre for Biodiversity Dynamics (CBD), NTNU	
15:45	Panel discussion	

Day 2, October 26th: Workshops

Time	Activity	Description
09:00-12:00	Workshop Session 1	Novel tools for reproducible and transparent workflows in ecology and evolution 08:45-09:00 Caffeine and mingling/logging on 09:00-09:05 Welcome and housekeeping (by Andes G. Finstad) 09:05-10:30 - LivingNorwayR, a comprehensive introduction to the LivingNorwayR package facilitating FAIR treatment of ecological data (by Matthew Granger) 10:30 - 10:45 More Coffee 10:45 - 11:30 Reproducible workflows for synthesis of open data (speakers to be announced) 11:30-12:00 Disseminate your data: How to make your data human-readable (by Jens Åström)

12:00-13:00	Lunch	
13:00-16:00	Workshop Session 2	Open work meeting in the Living Norway Steering committee The Steering Committee work meeting will focus on tossing around ideas for the most important things for the Living Norway Ecological Data Network to focus on in 2021 and onwards. Everyone is welcome to join. A more comprehensive agenda will come. Please indicate if you are interested in joining to erlend.nilsen@nina.no or anders.finstad@ntnu.no before the end of day one to facilitate venue and refreshments.