

eLTER Information Management Training

26.2.-1.3.2019 Umweltbundesamt GmbH, Meeting room IHG 3, Ingen-Housz-Gasse 3, 1090 Vienna

Date	time from	time to	topic		description	Responsible person
Tuesday, 26.2.2019	13:30	14:00	Registration & Lunch break			
	14:00	14:15	Welcome	INTRO		Giorgio Matteucci
	14:15	14:30	Introduction to eLTER Training Sessions	INTRO	overview of the organisational details and outline of the training workshop	Johannes Peterseil
	14:30	15:30	Who are we? - Introduction of participants and expectations for the workshop	INTRO	short introduction of the workshop participants and their expectations	all
	15:30	16:00	Coffee break			
	16:00	17:30	eLTER Information System - infrastructure to share and access data from long term research	PRES	introduction to LTER Europe and the requirements for the documentation and integration of data from a wide range of long term observation sites	John Watkins
Wednesday, 27.2.2019	09:00	09:15	Summary and outline of the day	DISC		Christoph Wohner
	09:15	09:45	What, where, how? - Metadata for the documentation of research activities and sites	PRES	Overview on metadata needs and metadata formats being used in the eLTER context.	Christoph Wohner
	09:45	10:30	DEIMS-SDR: Hands-on session on data documentation and data sharing	TRAIN	Documentation of research sites and research activities using DEIMS-SDR. Data provided by the participants can be uploaded to B2SHARE and documented (focus on sites during the first part of the session)	Christoph Wohner
	10:30	11:00	Coffee break			
	11:00	11:45	DEIMS-SDR: Hands-on session on data documentation and data sharing	TRAIN	session continued (focus on datasets during the second part of the session)	
	11:45	12:30	Site data management - experiences from LTER Zöbelboden (AT)	PRES	Insights to the organisation of data flows from the Zöbelboden long term observation site in Austria	Hannes Kobler
	12:30	14:00	Lunch break			
	14:00	14:30	Providing data for eLTER - the eLTER reporting formats for the provision of research data	PRES	Introduction to eLTER data formats and OGC data services; each 30min	Christoph Wohner
	14:30	15:00	How to provide? - Data services for the provision of research data	PRES	Introduction to relevant data services used in the eLTER context. eLTER builds on standardised open source solutions which are combined building the eLTER Information System	Alessandro Oggioni
	15:00	15:30	Hands-on session on providing data as service using the eLTER Central Data Node	TRAIN	Overview on the workflows and tools to provide data from long term observations using the the eLTER Central Data Node facility. This will include testing the data node using own data.	John Watkins
	15:30	16:00	Coffee break			
	16:00	17:30	Hands-on session on providing data as service using the eLTER Central Data Node	TRAIN	session continued	Sue Rennie
		19:30	22:00	Working dinner "Gasthaus Wickerl" Porzellangasse 24a, 1090 Vienna Workshop summary and questions		
Thursday, 28.2.2019	09:00	09:30	Summary and questions	DISC		Johannes Peterseil
	09:30	10:30	Hands-on session on discovery and visualisation of data using the eLTER Data Integration Platform	TRAIN	Overview on the features of the eLTER Data Integration Platform including linking of existing data services and data portals, as well as the discovery of datasets in the eLTER Data Cloud	Vladan Minic
	10:30	11:00	Coffee break			
	11:00	11:30	Hands-on session on discovery and visualisation of data using the eLTER Data Integration Platform	TRAIN	session continued	Vladan Minic
	11:30	12:30	EnvThes - speaking a common language to annotate and discover environmental data	PRES	The use of a common semantic for the annotation of (meta)data as well as for the naming of parameters is crucial when working in a distributed environment. EnvThes provides a common semantic base for eLTER and LTER Europe. The session will provide an overview on EnvThes and the underlying semantic concepts and workflows.	Barbara Magagna
	12:30	14:00	Lunch break			
	14:00	15:30	How to use? - Hands-on session on data access using tools like R or python	TRAIN	Data services allow a dynamic access to data. R provides packages to access OGC SOS services. The session will provide an overview on how to access data provided through OGC SOS and generating simple statics and plots. Required software: R / R-Studio	Alessandro Oggioni
	15:30	16:00	Coffee break			
	16:00	17:00	Data Management Planning - steps forward to open data and open science	PRES	Proper planning of data collection and data management should ensure the availability and re-useability of data in the long term. The session will focus on the formulation of Data Management Plans (DMP) for scientific projects.	Ralph Kunkel
	17:00	17:30	Feedback and questions			
Friday, 1.3.2019	09:00	09:30	Summary and outline of the day	DISC	Summary of the previous day and collection of open questions	Johannes Peterseil
	09:30	10:30	Provenance - tracking the origin of data	PRES	Knowing the source and characteristic of data used in a scientific analysis is important to ensure the reproducibility of the results. The session provides an overview on tracking the provenance of research data.	Doron Goldfarb
	10:30	11:00	Coffee break			
	11:00	12:00	Feedback and wrap up of the training			
	12:00	12:30	Closing of the meeting			