



# MANTEL WORKSHOP 1

## Introduction to Mantel, Extreme Climatic Events and High Frequency Monitoring

Estonian University of Life Sciences

Tartu, Estonia

4<sup>th</sup>-8<sup>th</sup> September 2017



### SUNDAY 3<sup>RD</sup> SEPTEMBER

Delegates arrive throughout the day

### DAY 1, MONDAY 4<sup>TH</sup> SEPTEMBER

7.30	<i>Breakfast at Motel</i>	
9.00	<ol style="list-style-type: none"> <li>Welcome and Introductions</li> <li>Introduction to the MANTEL Project</li> <li>Introduction to each ESR, their research background and their new institute</li> <li>MANTEL training programme and skills development</li> </ol>	<p>Alo Laas &amp; Eleanor Jennings</p> <p>Eleanor Jennings</p> <p>Each ESR</p> <p>Biel Obrador</p>
10.40	<i>Coffee break</i>	
1100	What is an extreme climatic episode? Presentation and interactive discussion	Stephane Goyette/All
12.00	<i>Lunch</i>	
13.00	Introduction to High Frequency Monitoring and datasets, including typical tools used	Alo Laas/Eleanor Jennings
13.30	Field trip to HFM location to deploy/measure data	Alo Laas
17.00	<i>Return from field trip: Ad hoc time and beer</i>	
18.30	<i>Workshop dinner</i>	
19.30	Evening Seminar: Gender in the research landscape (online exercise)	Eleanor Jennings
20.30	<b>CLOSE OF DAY 1</b>	

Day 2, TUESDAY 5 <sup>TH</sup> SEPTEMBER		
7.30	<i>Breakfast at Motel</i>	
9.00	Overview of 'Thesis in Three' challenge for ESRs	Eleanor Jennings
9.05	Lake physics and mixing events	Ian Jones
9.50	Phytoplankton dynamics	Bas Ibelings
10.30	<i>Coffee break</i>	
10.45	The impact of heatwaves on lakes and reservoirs	Rita Adrian
11.30	Introduction to data quality control (QC) and General Discussion	Don Pierson
12.00	<i>Lunch</i>	
14.00	PhD Thesis Defense (Tartu)	Pille Meinson
17.00	<i>Ad hoc time/ ESRs prepare for Thesis in Three</i>	
18.30	<i>Workshop Dinner</i>	
19.30	Meeting of ESRs with WP7 Leader and Coordinator	Each ESR
	Prepare Thesis in Three	
20.30	<b>CLOSE OF DAY 2</b>	

DAY 3, WEDNESDAY 6 <sup>TH</sup> SEPTEMBER		
7.30	<i>Breakfast at Motel</i>	
9.00	Communicating Research	Alec Rolston
10.00	Data Quality Assurance (QA) and Quality Control (QC) – Examples from the Burrishoole catchment	Elvira de Eyto
10.30	<i>Coffee break</i>	
11.00	Working with data QA/QC (presentation and administering task to ESRs)	Alo Laas
12.00	<i>Lunch</i>	
13.00	Collect and assess HFM data from Monday's fieldwork continued	Alo Laas
14.40	<i>Coffee break</i>	
15.00	HFM data analysis	
16.00		
17.00	<i>Ad hoc time</i>	
18.30	<i>Workshop Dinner</i>	
19.30	Thesis in Three presentations	Each ESR
	<b>CLOSE OF DAY 3</b>	

<b>DAY 4, THURSDAY 7<sup>TH</sup> SEPTEMBER</b>		
<b>7.30</b>	<b><i>Breakfast at Motel</i></b>	
9.00	Supervisory Board meeting  ESRs to continue working on group QA/QC presentations	All supervisory board members  All ESRs
<b>10.30</b>	<b><i>Coffee break</i></b>	
10.45	ESRs meet with co-supervisors	All ESRs and co-supervisors
<b>12.00</b>	<b><i>Lunch</i></b>	
13.00	ESR career development planning meetings with supervisory teams	All
<b>14.40</b>	<b><i>Coffee break</i></b>	
15.00	An introduction to ecosystem services and the role of aquatic ecosystems	Elisabeth Ruijgrok & Vicenc Acuna
<b>17.00</b>	<b><i>Ad hoc time</i></b>	
<b>18.30</b>	<b><i>Workshop dinner and PARTY</i></b>	
	<b>CLOSE OF DAY 4</b>	

DAY 5, FRIDAY 8 <sup>TH</sup> SEPTEMBER		
8.00	<i>Breakfast at Motel</i>	
10.00	ESRs present group task on QA/QC to Supervisory Board	All ESRs
1150	Closing remarks	Eleanor Jennings
12.00	<i>Lunch</i>	
13.00	Workshop Closes	