

OPTIMISE Toulouse Workshop 20th to 22nd November 2017

W&BP goal

Bring together the achievements of OPTIMISE for Final Report and publications all objectives

W&BP outputs

Detailed report on completion of OPTIMISE objectives for inclusion in Final Report to be submitted to COST. Plus review of final work on 3 papers currently being written for submission to an international scientific journal and publication of OPTIMISE BUS on Action website

We will use the Toulouse workshop:

- a) as preparation for the OPTIMISE Final Report which requires the mapping of activities and outputs (with explicate links to evidence i.e. urls, ppts, publication etc) to the objectives we proposed in the MoU.
- b) a review of where we are at and if anything still needs to be done to complete OPTIMISE objectives
- c) an update on STSMs over the duration of the Action and no previously presented
- d) a presentation on OPTIMISE BUS
- e) a demonstration of a RTK GPS system by Emlid

The local organiser (Jean-Louis Roujean) will organise a field trip to 2 ICOS sites, weather permitting.

Draft programme for OPTIMISE Toulouse 20th to 22nd November

Monday 20/11/2017		
Morning	Travel to Toulouse	
Afternoon 14:00 to 18:00 Training and STSM presentations		
	Jean-Louis Roujean	Introduction to science at host institute
	Radek Juszczyk	Summary of Training and STSMs carried out since start of Action (Skype)
	Julia Kelly	Title?
	Laura Mihai	Optimized spectrometers characterization procedure for near ground support of ESA FLEX observations
Tuesday 21/11/2017, 09:00 to 10:30, Working Group 1		
WG1	Andy Hueni	Overview of WG1 and aims and objectives
WG1 D1:	S. Wittenberghe	Best practice metadata set (outcome of Luxembourg workshop)
WGD2	A. Hueni	SPECCHIO Updates: Spatial capabilities, hosting by Geoscience Australia, OPTIMISE Training School Data
WG1 D3	TBD or A. Hueni	Wireless sensor to database dataflow
WG1 D4	A. Hueni	Data preprocessing and metadata augmentation

WG1 D4 (cont)	A Hueni (student TBC)	Software interface for the Flox/Rox instruments	
WG1 D5	A. Hueni (very short presentation):	Spectral Database API for and implementation of biogeochemical modeling algorithm	
Open floor discussion & coffee break			
Tuesday 21/11/2017, 11:00 to 12:30 WG2			
	Enrico Tomilleri	Overview of WG2 and aims and objectives	
	Enrico Tomilleri	Flux tower footprint tool	
	Helge Aasen	Questionnaire and OPTIMISE BUS (Helge Should or could this be somewhere else in the programme?) (Skype)	
	Dmitriy Ershov of Emlid & Denis Nikolaev	External expert-company talking about rtk gps for UAV	
	Jon Atherton	Hyytiala	
	Alasdair Mac Arthur	Piccolo spectrometer system concept and developments	
Open floor discussion and lunch			
Tuesday 21/11/2017, 14:30 to 18:00 WG2			
	Christiaan van der Tol	Overview of WG2 and aims and objectives Skype (Peiqi assist?)	
	Javier Pacheco	Linking optical information and plant physiology in manipulation experiments	
	Nastassia Vilfan	The relation between leaf spectral reflectance, fluorescence and photosynthesis (Fluspect-CX)	
	Peiqi Yang	Reflectance, fluorescence and photosynthesis in vertically heterogenous canopies (mSCOPE)	
Open floor discussion			
Wednesday 22/11/2017 Morning			
TBC Weather dependent	Field trip to ICOS core sites Incl Dmitriy Ershov & Denis Nikolaev from Emlid RTK GPS demo		
Wednesday 22/11/2017 Late Afternoon			
	Dmitriy Ershov & RTK GPS data processing		
	3 papers status review and Action SI (if needed)		
Discussion on final conference and work to be completed before end of Action			

Suggested hotels Hotel Phoenicia

Hotel de France

Hotel Riquet

Hotel Castellane

Hotel du Taur

Hotel Victor Hugo

Hotel Sainte Claire

Hotel Ours Blanc