

Lake User Consultation Meeting

Monday 19.05.2014

Villa Grazioli, Via Umberto Pavoni 19, 00046 Grottaferrata Roma

ESA ESRIN, Via Galileo Galilei 64, 00044 Frascati Roma

Shuttle Bus from Centre Frascati, Piazza Marconi, to Villa Graziolo 08:15

09:00	09:20	Introduction, welcome, objectives of the meeting	Marc Paganini, ESA
09:20	09:50	DIVERSITY II project overview	Carsten Brockmann, BC
09:50	10:20	GloboLakes project overview	Andrew Tyler, Univ. Stirling
10:20	10:40	Earth Observation of Inland Waters	Carsten Brockmann
10:40	11:10	Break	
11:10	12:40	Application topics (WFD, catchment scale processes, biodiversity), avoiding methodological discussions	
		Water Quality Monitoring by NIVA	Anna-Birgitta Ledang, NIVA
		Lakes monitoring in the UK - challenges now and in the future	Bill Brierley, FBA & EA
		Use of remote sensing for lake (and coastal) ecosystem monitoring at the Finnish Environment Institute (SYKE)	Sampsa Koponen, SYKE
		iDIV presentation	Jörg Freyhoff, iDIV (pot.)
		Feedback from user questionnaires	Carsten Brockmann
12:40	13:00	Discussion triggered by key questions. Goal: clarifications and feedback	Discussion lead CB
13:00	14:00	Lunch	
14:00	15:00	From EO products to Higher Level products and indicators: Short introductory presentations on Diversity II 1st order indicators, GloboLakes higher level products and 2 EO users	
		Lake selection and the determination of global scale metrics for interpreting change	Eirini Politi, Univ. Dundee
		Operationalising the Global Observatory for Lakes	Steve Groom, PML
		From EO products to Higher Level products and biodiversity indicators	Daniel Odermatt, BC
15:00	15:15	Discussion; goal is to come up with suggestions for temporal and spatial aggregation in view of first and second order indicators	Discussion lead DO
15:15	15:45	Break	
15:45	16:35	Continuation of discussion, triggered by a 2nd order biodiversity indicator concept presentation	
		Diversity II data and products supporting estimation of ecological status	Petra Philipson, BG
		Determining trends in lake phenology from the MERIS archive	Peter Hunter, Univ. Stirling
		Contrasting EO indicators with biodiversity data	Joao Campos, CIBIO
		Discussion; goal is to come up with suggestions for temporal and spatial aggregation in view of first and second order indicators	Discussion lead DO
16:35	16:55	Preparing the future: what do the new satellites offer us? Introduction by a presentation on S2, 3, L8 and impact on inland water remote sensing. 1 user presentation	Carsten Brockmann
16:55	17:15	Discussion triggered by some key questions. Goal: requirements on EO data, in view of Sentinel 2+3	Discussion lead CB
17:45	19:00	Apperitivo	

Tuesday 20.05.2014

Hands-on experience with Lakes products and tools

ESRIN

Training Room

MORNING		Sentinel 2 Workshop	
14:40	16:20	ESRIN TRAINING ROOM Introduction to DIVERSITY II Lake Products Unpacking First Level Indicators: How a phenological time series is constructed (Demonstration) Put your hands on MERIS products (guided tutorial, PC and data are available in the room)	
16:20	16:50	Break	
16:50	18:30	ESRIN TRAINING ROOM Interactive training: - introduce the DIVERSITY L2 products and processing - the new BEAM 5 Binning tool - managing Time series - pixel extraction	
18:30		Sentinel 2 Workshop, Poster Session	

