AQUACOSM - Transnational Access (TA) in 2019

updated 24.4.2019

	Mesocosm Facility	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	FVB-IGB IGB-LakeLab							A					
2	UiB Mesocosm Centre					B							
3	NIOO/KNAW Limnotrons			C1					C2				
4	HCMR Cretacosmos					D1				D2			
5	METU Mesocosm system					E							
6	GEOMAR KOSMOS												
7	GEOMAR KOB BENTHOCOSM							F					
8	CNRS-MARBEC MEDIMEER					G							
9	UMU MF-UMSC								H				
10	WCL LMI-1A AquaScale						I						
10	WCL LMI-1B LipTox												
10	WCL LMI-2B EcoCatch							J					
11	LMU SLS-Mesocosms					M		N					
12	ENS PLANAQUA Outdoor												
12	ENS PLANAQUA ExpLakePlatform			O									
13	AU LMWE					P							
14	**SYKE-MRC**								Q				
15	UH Tvarminne						R						
16	CIBIO UE-Iberian Ponds			S									
17	IMPERIAL SMF					T							
18	NIVA SEF-Hard Bottom					U1							
18	NIVA SEF-Flumes								U2				
19	UBA FSA					V							

X planned mesocosm experiment with AQUACOSM funded users and participants (title and lead below)

planned mesocosm experiment still open for AQUACOSM TA applicants (title and lead below)

not available for AQUACOSM Transnational Access activities

Experiments at facilities of the AQUACOSM partners with Transnational Access user suppport in 2019

A	Connectivity and Synchronisation of Lake Ecosystems: Following a phytoplankton bloom by manipulating connectivity and retention time in a large-scale enclosure experiment. Project lead: Stella Berger and Sabine Wollrab. Planned in August 2019 with 2 weeks flexibility before and after.
B	BIP-WEB, Maria Segovia
C1	EMERGEDISRUPT: Can emerging pollutants such as pharmaceuticals and microplastics affect trophic interactions in the aquatic foodweb? Project lead: Lisette de Senerpont Domis and Ellen van Donk. 01 January-31 March 2019.
C2	Microplastics, Claire Gwinnett
D1	Experiment I: Addressing the impacts of a low-dose addition of silver nanoparticles vs. silver ions in a coastal marine ecosystem. Project leader: Dr. Paraskevi (Vivi) Pitta, Ms. Anastasia Tsiola
D2	Experiment II: Deepening the knowledge on the dissolved phosphorus uptake in the P-limited Eastern Mediterranean. Project leader: Dr. Paraskevi (Vivi) Pitta, Ms. Ioulia Santi, Mid Sept - mid Oct 2019.
E	Systems responses to recurrent pulses of dissolved organic carbon (DOC), Project Lead: M. Beklioglu. May 1st- July 31st 2019.
F	The effect of warming on macroalgae-consumer-parasite interactions. Project lead: Martin Wahl. 01 April - 30 October 2019.
G	“Summer in Spring”, Heat wave effects on Mediterranean Plankton communities: Resistance, Resilience and Recovery (Heat Plank 3R). Project Lead: Francesca Vidussi and Behzad Mostajir. Planed for one month during May-June 2019.
H	CYANOWEB, Jacob Carstensen; COSMOS, Marco J Cabrerizo
I	Mixotrophy under future climatic conditions: Studying the effect of increasing inputs of allochthonous carbon and rising water temperatures on the microbial food web, particularly focused on mixotrophic protist. Project lead: Robert Fischer & Robert Ptacnik
J	ExSONIC, Marcus Klaus
M	Trait-related feedback dynamics in natural plankton communities. Large scale mesocosms experiment (within DynTrait). Project lead: Maria Stockenreiter. May to June 2019.

N	Experiments on benthic pelagic coupling and the sensibility to heat waves and agricultural run-off. Project lead: Herwig Stibor July 2019
O	New insights on the links between global changes, community structure and ecosystem stability (ECOSTAB). Project lead: Gérard Lacroix and Elisabeth Thébault. Jan-Dec 2019.
P	Tracking the effects of changes in nitrogen loading at contrasting climate scenarios. Project lead: Erik Jeppesen. April 2019 and onwards.
Q	**Comparing the effects of conventional and biodegradable microplastics on the lower planktonic food web of the northern Baltic Sea (COMB). Project Lead: Maiju Lehtiniemi. 26.8. – 6.9.2019. https://www.aquacosm.eu/mesocosm/syke-mrc-marine-research-centre-mesocosm-facility/**
R	UH participates in the Joint Mesocosm Experiment JOMEX: System responses to DOC a pulse, utilizing pelagic mesocosms in the brackish water environment of the Baltic Sea. Project lead: Marko Reinikainen. Tentative time-window 24 June -19 July (open for discussions with TA users)
S	Multi-site climate change experiment (flooding, warming and drought) from semi-arid regions to mountain-top locations across the Iberian Peninsula. Project lead: Miguel Matias and Miguel Araújo. Jan-Dec 2019.
T	96 mesocosms in a long-term climate warming experiment with treatments including ambient conditions, gradients of warming (+1.5oC to + 8oC) and extreme warming events. Project lead: Prof Guy Woodward. Jan-Dec 2019.
U	NIVA Hard bottom 12 large mesocosms with seaweed ecosystem studies testing two stressors each and in combination. Stressors will be suggested as a follow up of the 2018 experiment with mesopredators (small fish and crabs) effects on the ecosystems during ca. 6 months. The 2018 ecperiment was successful, but the conditions with hot summer and no precipetation was extreme and and a repetition of this particular experiment will be interesting under assumed different ambient conditions. Project lead: Hartvig Christie. Mai-Oct 2019.
V	Degradation of plastics in the shoreline of fresh water bodies. Project Lead: Stefan Meinecke. May-Aug 2019.