

## AQUACOSM - Opening for Transnational Access (TA) in 2021

updated 14.12.2020

WP6 task	Mesocosm Facility	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
3	NIOO-KNAW Limnotrons								
4	HCMR Cretacosmos					4.1 and 4.2			
7	GEOMAR KOB				7				
10	WCL LMI-1A AquaScale							10.1	
10	WCL LMI-2B CARBOCROBE (former EcoCatch)					10.2			
11	LMU Mesocosms SLS			11	11	11	11	11	
12	ENS PLANAQUA ExpLakePlatform				12				
12	ENS PLANAQUA								
15	UH Tvärminne Mesocosm Facility				15				
16	CIBIO UE-Iberian Ponds			16					
18	NIVA SEF-Hard Bottom				18.1				
18	NIVA SEF-Flumes				18.2				

#	Planned mesocosm experiment with space for AQUACOSM funded participants (title and lead below)
	Open time slot for mesocosm experiments for AQUACOSM funded users' own projects
	Not available for AQUACOSM Transnational Access activities

### Experiments planned at facilities of the AQUACOSM partners, open for Transnational Access until end of July 2021

4.1	<b>1) Drug or bug? Effects of aquaculture antibiotics on the marine plankton food web (AQUA drugs), Project Lead: Paraskevi (Vivi) Pitta. Timing: 17 May- 30 June 2021. Information: <a href="https://www.aquacosm.eu/mesocosm/cretacosmos/">https://www.aquacosm.eu/mesocosm/cretacosmos/</a></b>
4.2	<b>2) BrownMed: Effect of brownification on the oligotrophic environment of the Eastern Mediterranean (JOMEX). This experiment will be a combination of WP6 and WP9. Project Lead: Vivi Pitta. Timing: 17 May- 30 June 2021. Information: <a href="https://www.aquacosm.eu/mesocosm/cretacosmos/">https://www.aquacosm.eu/mesocosm/cretacosmos/</a></b>
7	<b>Effect of fluctuating warming on macroalga - epiphyte - mesograzers - parasite interactions (BIOMOD), Project lead: Martin Wahl, Timing: 1 April - 31 July 2021. Information: <a href="https://www.aquacosm.eu/mesocosm/kob-kiel-outdoor-benthocosms/">https://www.aquacosm.eu/mesocosm/kob-kiel-outdoor-benthocosms/</a></b>

10.1	<b>1) Light-dependent dynamics of the microbial food web (at facility LMI 1A Aquascale). Project Lead:</b> Sarah Princiotta, Robert Ptacnik. <b>Timing:</b> probably July 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/lunz-mesocosm-infrastructure-lmi/">https://www.aquacosm.eu/mesocosm/lunz-mesocosm-infrastructure-lmi/</a>
10.2	<b>2) Degradation of fibres in streams (3F). Project Lead:</b> Afsane KRUSZELNICKI. <b>Timing:</b> May 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/lunz-mesocosm-infrastructure-lmi/">https://www.aquacosm.eu/mesocosm/lunz-mesocosm-infrastructure-lmi/</a>
11	<b>Investigating effects of disturbances on aquatic communities and its consequences for community composition, food web structure and trophic transfer efficiencies. Project lead:</b> Dr. Maria Stockenreiter; Prof. Herwig Stibor. <b>Timing:</b> March to July 2021. <b>Information:</b> <a href="https://www.aquatic-ecology.bio.lmu.de/fieldstation/index.html">https://www.aquatic-ecology.bio.lmu.de/fieldstation/index.html</a> <a href="https://www.aquacosm.eu/mesocosm/lmu-mesocosms/">https://www.aquacosm.eu/mesocosm/lmu-mesocosms/</a>
12	<b>New insights on the links between global changes, community structure and ecosystem stability (ECOSTAB). Project Lead:</b> Elisa Thébault and Gérard Lacroix. <b>Timing:</b> 1 April - 30 July 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/national-experimental-platform-in-aquatic-ecology-planaqua/">https://www.aquacosm.eu/mesocosm/national-experimental-platform-in-aquatic-ecology-planaqua/</a>
15	<b>Impact of salinity change on food web interactions in marine plankton communities. Project lead:</b> Aleksandra Lewandowska. <b>Timing:</b> Apr/May 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/tvarminne-mesocosm-facility-tmf/">https://www.aquacosm.eu/mesocosm/tvarminne-mesocosm-facility-tmf/</a>
16	<b>Multi-site climate change experiment (flooding, warming and drought) from semi-arid regions to mountain-top locations across the Iberian Peninsula. Project lead:</b> Miguel Matias and Miguel Araújo. <b>Timing:</b> Mar-Jul 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/iberian-pond-network-ipn/">https://www.aquacosm.eu/mesocosm/iberian-pond-network-ipn/</a>
18.1	<b>1. SEF-Hard Bottom: Impacts of nutrients and ocean darkening on shallow coastal communities and system functioning (FutureMAREsmeso) Project lead:</b> Eli Rinde and Camilla With Fagerli. <b>Timing:</b> April-July 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/solbergstrand-experimental-facility-sef/">https://www.aquacosm.eu/mesocosm/solbergstrand-experimental-facility-sef/</a>
18.2	<b>2. SEF-Flumes: Impact of flow alterations and warming on microbial communities and system functioning. Project lead:</b> Benjamin Kupilas and Nikolai Friberg. <b>Timing:</b> April-June 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/solbergstrand-experimental-facility-sef/">https://www.aquacosm.eu/mesocosm/solbergstrand-experimental-facility-sef/</a>