

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

updated 26.04.2021

WP9 task	AQUACOSM-plus partner	Mesocosm Facility	Jun	Jul	Aug	Sep	Oct	Nov	Dec
9.03	METU	METU Mesocosm System				9.03			
9.07	UMU	Mesocosm Facility at Umeå Marine Science Center (MF-UMSC)						9.07*	--->
9.11	LMU	LMU Mesocosms	9.11						
9.15	CNRS-CEREAP	National Experimental Platform in Aquatic Ecology (PLANAQUA)	9.15 (1)						
			9.15 (2)						
						9.15 (3)			
9.16	AU	Lake Mesocosm Warming Experiment (LMWE)		9.16					
9.17	UE	Iberian Pond Network IPN	9.17						
9.20	GEOMAR	Kiel Off-Shore Mesocosms for Ocean Simulations (KOSMOS)				9.20			
9.22	UH	Tvärminne Mesocosm Facility (TMF)							

#	Open for AQUACOSM-plus approved TA applicants to participate in planned mesocosm experiment (see below)
	Open time slot for mesocosm experiments for AQUACOSM-plus approved TA applicants' own project ideas
	Not available for AQUACOSM-plus Transnational Access activities

\* this experiment is planned to be conducted into 2022 (not shown in the current TA-Calendar)

### Experiments planned at AQUACOSM-plus partner facilities, open for Transnational Access from April to December 2021

9.03	<b>A salinity gradient study at contrasting nutrient loadings in lake mesocosm. Project Lead:</b> Meryem Beklioğlu, Erik Jeppesen, Juan Pablo Pacheco . <b>Timing:</b> September - December 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/metu-mesocosm-system/">https://www.aquacosm.eu/mesocosm/metu-mesocosm-system/</a>
9.07*	<b>First full winter mesocosm experiment in arctic like conditions at Umeå Marine Sciences centre Project lead:</b> Henrik Larsson. <b>Timing:</b> November 2021 to May 2022*. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/mesocosm-facility-at-umea-marine-sciences-center-mf-umsc/">https://www.aquacosm.eu/mesocosm/mesocosm-facility-at-umea-marine-sciences-center-mf-umsc/</a>
9.11	<b>Investigating effects of invasion and food web structure on plankton communities and its consequences on food web dynamics. Project lead:</b> Dr. Maria Stockenreiter; Prof. Herwig Stibor. <b>Timing:</b> April to October 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/lmu-mesocosms/">https://www.aquacosm.eu/mesocosm/lmu-mesocosms/</a>

9.15 (1)	<b>(1) Effects of global changes on network architecture in spatially heterogeneous artificial lakes. Project Lead:</b> Dr. Gérard LACROIX. <b>Timing:</b> 1 April to 31 September 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>
9.15 (2)	<b>(2) RESTORE / Freshwaters – Responses of freshwater plankton communities to terrestrial dissolved organic matter input and water temperature increase. Project Lead:</b> Dr. Florence Hulot. <b>Timing:</b> 1 June to 31 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>
9.15 (3)	<b>(3) DEGRADASOUND – Response of freshwater invertebrate communities to the degradation of soundscapes. Project Lead:</b> Dr. Vincent Vincent Médoc and Marilyn Beauchaud. <b>Timing:</b> 1 September to 16 October 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>
9.16	<b>Tracking the effects of temporary stratification under contrasting climate scenarios: part 2. Project Lead:</b> Thomas Davidson. <b>Timing:</b> 01 July to 30 September 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/au-lake-mesocosm-warming-experiment-lmwe/">https://www.aquacosm.eu/mesocosm/au-lake-mesocosm-warming-experiment-lmwe/</a>
9.17	<b>Multi-site experiment on community and functional ecology experiments under climate change from semi-arid regions to mountain-top locations across the Iberian Peninsula. Project lead:</b> Miguel Araújo. <b>Timing:</b> 01 April - 31 July 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>
9.20	<b>KOSMOS-Gran Canaria 2021 - First in situ mesocosm experiment to study the potential risks and co-benefits of ocean alkalization in a pelagic ecosystem. Project lead:</b> Ulf Riebesell. <b>Timing:</b> Early September to mid October 2021. <b>Information:</b> <a href="https://www.aquacosm.eu/mesocosm/kosmos-kiel-off-shore-mesocosms-for-ocean-simulations/">https://www.aquacosm.eu/mesocosm/kosmos-kiel-off-shore-mesocosms-for-ocean-simulations/</a>