


# Ocean Sampling Day


- June 2020 -

<b>SAMPLING</b>	 <b>OSD 2020</b>		SAMPLING_Site_OSD-ID*									
			SAMPLING_Site_Name*									
			SAMPLING_Platform									
			SAMPLING_Campaign*		OSD 2020 Sampling							
	SAMPLING_Investigators		Last name*		First name*		Email*					
SAMPLING_Institution details		Institution Name*				Country*						
SAMPLING_Objective		Genomics Observatories monitoring, in the frame of A+ JRA1										
<b>EVENT</b>	EVENT_DateTime (UTC)		yyyy*		mm*		dd*		hh*		mm*	
			Start									
	End											
	EVENT_Lat/Long		+N/-S*		dd.0000*				+E/-W*		dd.0000*	
			Start									
			End									
	EVENT_Device*											
EVENT_Method*												
EVENT_Comment												
<b>ENVIRONMENT</b>	ENVIRONMENT_Marine_Country*		e.g. Italy									
	ENVIRONMENT_Marine_Region*		e.g. Adriatic Sea									
	ENVIRONMENT_Depth (m)*		e.g. 1m									
	ENVIRONMENT_Biome*		e.g. ENVO:00000447 for "marine biome"									
	ENVIRONMENT_Feature*		e.g. ENVO:00002042 for "surface water"									
	ENVIRONMENT_Material*		e.g. ENVO:00002149 for "seawater"									


Fields with an asterisk (\*) are mandatory to be filled in

# Ocean Sampling Day

- June 2020 -


EVENT	ASSEMBLE  <small>ASSOCIATION OF EUROPEAN MARINE BIOLOGICAL LABORATORIES EXPANDED</small>		EVENT_DateTime *					
	OSD 2020		ENVIRONMENT_Depth (m)*					
FILTER SAMPLE	Replicates	Filter #1	Filter #2	Filter #3	Filter #4	Filter #5	Filter #6	
	SAMPLE_Label*							
	SAMPLE_Quantity* (ml)							
	SAMPLE_Filtration Time (minutes)							
	SAMPLE_Container* (e.g. Sterivex, 0,22µm)							
	SAMPLE_Content* (e.g. particulate matter)							
	SAMPLE_Size-Fraction_Upper-Threshold	No pre-filtration	No pre-filtration	No pre-filtration	No pre-filtration	No pre-filtration	No pre-filtration	
	SAMPLE_Size-Fraction_Lower-Threshold (e.g 0,22µm)							
	SAMPLE_Treatment_Chemical	None	None	None	None	None	None	
SAMPLE_Treatment_Storage* (e.g. -80 °C)								

Fields with an asterisk (\*) are mandatory to be filled in

<b>EVENT</b>		EVENT_DateTime *	
	<b>OSD 2020</b>	ENVIRONMENT_Depth (m)*	

ENVIRONMENTAL	CATEGORY	PARAMETER (Unit)	DESCRIPTION	VALUE
	CTD	Conductivity (mS/cm)	Electrical conductivity of H <sub>2</sub> O	
		Temperature (°C)*	Temperature of H <sub>2</sub> O	
		Depth (m)*	Vertical spatial coordinates	
		Salinity (PSU)*	Salinity of H <sub>2</sub> O	
		Fluorescence	Raw (volts) OR converted (mg Chla/m <sup>3</sup> ) fluorescence of the H <sub>2</sub> O	
	Seawater Nutrients Concentration	Nitrate (µmol/L)*	Nitrate concentration parameters in the H <sub>2</sub> Ocolumn	
		Nitrite (µmol/L)*	Nitrite concentration parameters in the water column	
		Phosphate (µmol/L)*	Phosphate concentration parameters in the H <sub>2</sub> O column	
		Silicate (µmol/L)*	Silicate concentration parameters in the H <sub>2</sub> O column	
		Ammonium (µmol/L)*	Ammonium concentration parameters in the H <sub>2</sub> Ocolumn	
	Seawater Chemical Properties	PH*	Alkalinity, acidity and pH of the H <sub>2</sub> O column	
		Dissolved O <sub>2</sub> parameters in the H <sub>2</sub> O column ((µmol/kg)	Dissolved oxygen concentration	
	Seawater Optical Properties	Downward PAR (mE/m <sup>2</sup> /s)	Visible waveband radiance and irradiance measurements in the H <sub>2</sub> O column	
		Turbidity (FTU or NTU)	Transmittance and attenuation of the H <sub>2</sub> O column	

Fields with an asterisk (\*) are mandatory to be filled in

EVENT	ASSEMBLE  ASSOCIATION OF EUROPEAN MARINE BIOLOGICAL LABORATORIES EXPANDED		EVENT_DateTime *	
	OSD 2020		ENVIRONMENT_Depth (m)*	
ENVIRONMENTAL	CATEGORY	PARAMETER (Unit)	DESCRIPTION	VALUE
	Organic Matter	Carbon organic particulate - POC (µg/L)	Particulate organic carbon concentration in the H <sub>2</sub> O column	
		Nitrogen organic particulate - PON (µg/L)	Particulate organic nitrogen concentration in the H <sub>2</sub> O column	
		Carbon organic dissolved - DOC (µmol/L)	Dissolved organic carbon concentration in the H <sub>2</sub> O column	
		Nitrogen organic dissolved - DON (mg/L)	Dissolved organic nitrogen concentration in the H <sub>2</sub> O column	
	Organism Concentration (Amount, Volume or Mass)	Pigment concentrations (mg/m <sup>3</sup> )	Concentration of pigments (e.g. chlorophyll a) extracted and analysed by fluorometry or HPLC	
		Picoplankton - Flow Cytometry (m <sup>3</sup> )	Abundance of cells in the H <sub>2</sub> O column (+other avail. cell properties)	
		Nano/Microplankton (m <sup>3</sup> )	Abundance of cells in the H <sub>2</sub> O column (+other avail. cell properties)	
		Meso/Macroplankton (m <sup>3</sup> )	Abundance of individuals in the H <sub>2</sub> O column (+other avail. properties)	
	Community Production Rate	Primary Production - isotope uptake (mg/m <sup>3</sup> /d)	Primary Production in the H <sub>2</sub> O column	
		Primary Production - oxygen (mg/m <sup>3</sup> /d)	Primary Production in the H <sub>2</sub> O column	
		Bacterial production, isotope uptake (mg/m <sup>3</sup> /d)	Bacterial production in the H <sub>2</sub> O column	
		Bacterial production - respiration (mg/m <sup>3</sup> /d)	Bacterial production in the H <sub>2</sub> O column	

Fields with an asterisk (\*) are mandatory to be filled in