



Visibility	Visibility	Public
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Responsible party for this dataset	Organisation	Danube Delta National Institute for Research & Development (INCDDD)
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Identification	Title	phytoplankton spectral fluorescence DDBR
	URL	dataportal.aquacross.eu/dataset/phytoplankton_spectral_fluorescence_ddbr
	Abstract	The amount of phytoplankton in the aquatic ecosystems can be described as chlorophyll concentration. The measurements of chlorophyll content of the algae populations have been done since the early 1960s using fluorescence emission around 685 nm. In the last two decades researches on the fluorometric differentiation of algal population based on energy transfer and fluorescence emission for rapid in situ estimation of individual algal groups have been carried out in Europe. Based on spectral evaluation of phytoplankton during 2008-2013, the variability of phytoplankton population in terms of chlorophyll content and cyanobacteria biomass, the risk for modification of phytoplankton population and the degree similarity between some lakes of the Danube Delta Biosphere Reserve have been established.
	Creation date	2014-01-20
	Publication date	2014-06-30
	Last revision date	2014-06-30
	Lineage	The work is based on in-situ measurements performed in 2008 - 2013 period, in several lakes from the Danube Delta Biosphere Reserve (Romania).
	Related publications	
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Keywords	Free keywords	Biota, Protected sites, Phytoplankton, Danube Delta Biosphere Reserve, Romania
	Vocabulary title	
	Vocabulary date	
	Vocabulary date type	
Classification	Topic category	Biota
	INSPIRE theme	Protected sites
Spatial Information	Resource type	
	Spatial representation type	
	Projection	
Spatial extents	Case Study 3 . Danube River Basin	
	North	50.24



	South	42.08
	East	29.76
	West	8.15
Temporal extents	Individual date	
	Start date	2008-03-03
	End date	2013-10-31
Distribution	URL	<u>(www-address)</u>
	Name	phytoplankton spectral fluorescence DDBR
	Format	.html