Deirmendjian, Loris, Descy, Jean-Pierre, Morana, Cedric, Stoyneva-Gärtner, Maya, Bouillon, Steven, Okello, William, & Borges, Alberto. V. (2020). **Dataset for "Limnological changes in Lake Victoria since the mid-20th century"** [Data set]. Zenodo. https://doi.org/10.5281/zenodo.4247352

Dataset of light- (Secchi depth, vertical attenuation coefficient, euphotic depth), physico-chemical- (oxygen saturation, water temperature, specific conductivity, pH) and ecological-parameters (inorganic nutrients, particulate organic carbon, particulate nitrogen and phosphorus, Chlorophyll-a, phytoplankton biomass and composition) obtained from samples collected in Lake Victoria, a large lake in East Africa. Samples were collected in 2018-2019 in nearshore and offshore waters (Uganda), during three contrasting seasons: heavy rains (March), low rains (October) and dry (June), which corresponded to distinct water column mixing regimes, respectively, late-stratified, early-stratified and mixed regimes. Sampling was carried out during day light (between 7 am and 6 pm) in shallow nearshore sites (23, 15 and 16 stations for the mixed, early- and late-stratified seasons, respectively) to deeper offshore (7, 8 and 10) sites. At each sampling site we measured light parameters and we carried out vertical profiles (at a depth interval of 10 m, from the lake surface to the lake bottom) of physico-chemical and ecological parameters. In addition, while traveling between each sampling site we performed continuous measurements of physico-chemical parameters.

Methods available from

Deirmendjian, L, Descy, J-P, Morana, C, et al. Limnological changes in Lake Victoria since the mid-20th century. *Freshw Biol*. 2021; 66: 1630– 1647. https://doi.org/10.1111/fwb.13780