

Supporting Information.

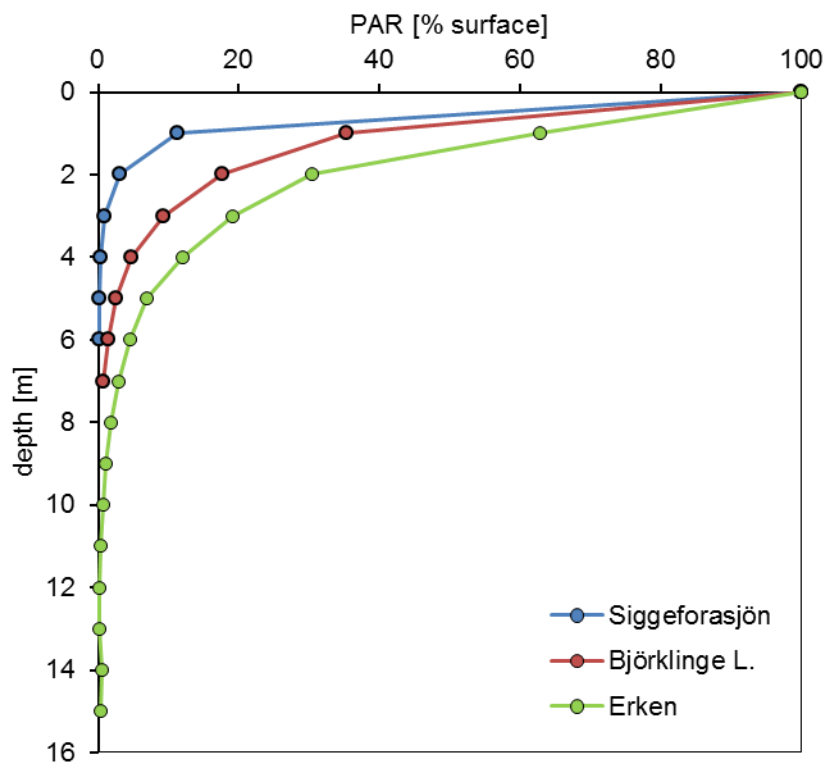


Figure S1. Photosynthetically active radiation (PAR) attenuation in the three experimental Lakes during water sampling.

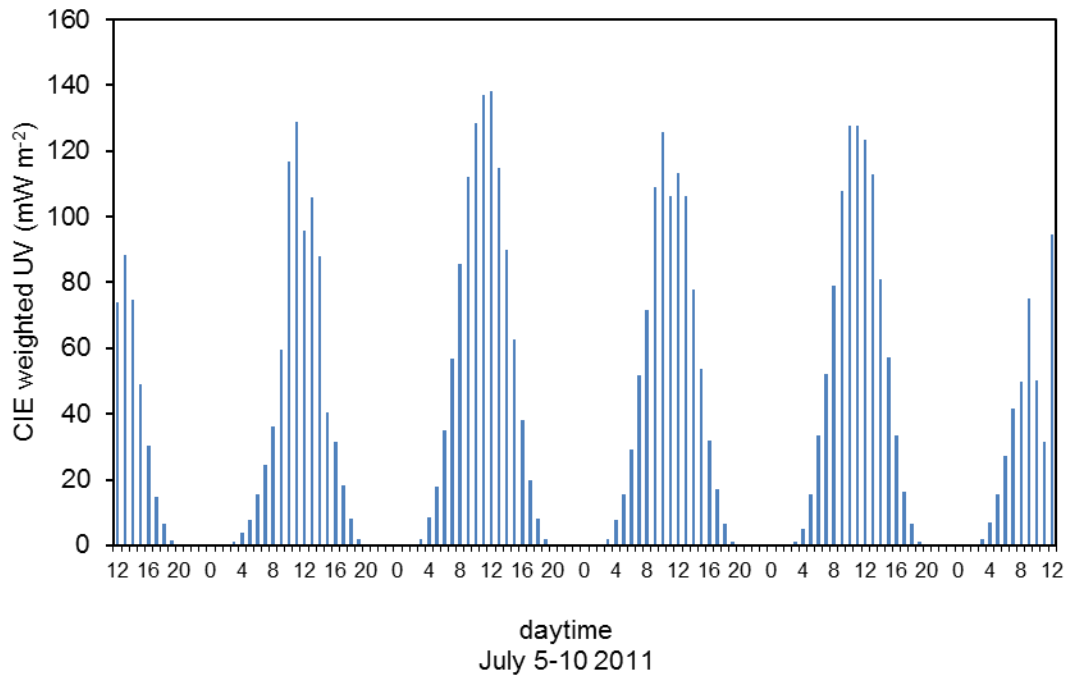


Figure S2. CIE weighted irradiance at the days of the experiment. Data from the STRÅNG model – a spatially resolved model for solar radiation provided by Sveriges meteorologiska och hydrologiska institute (SMHI). <http://strang.smhi.se/>.

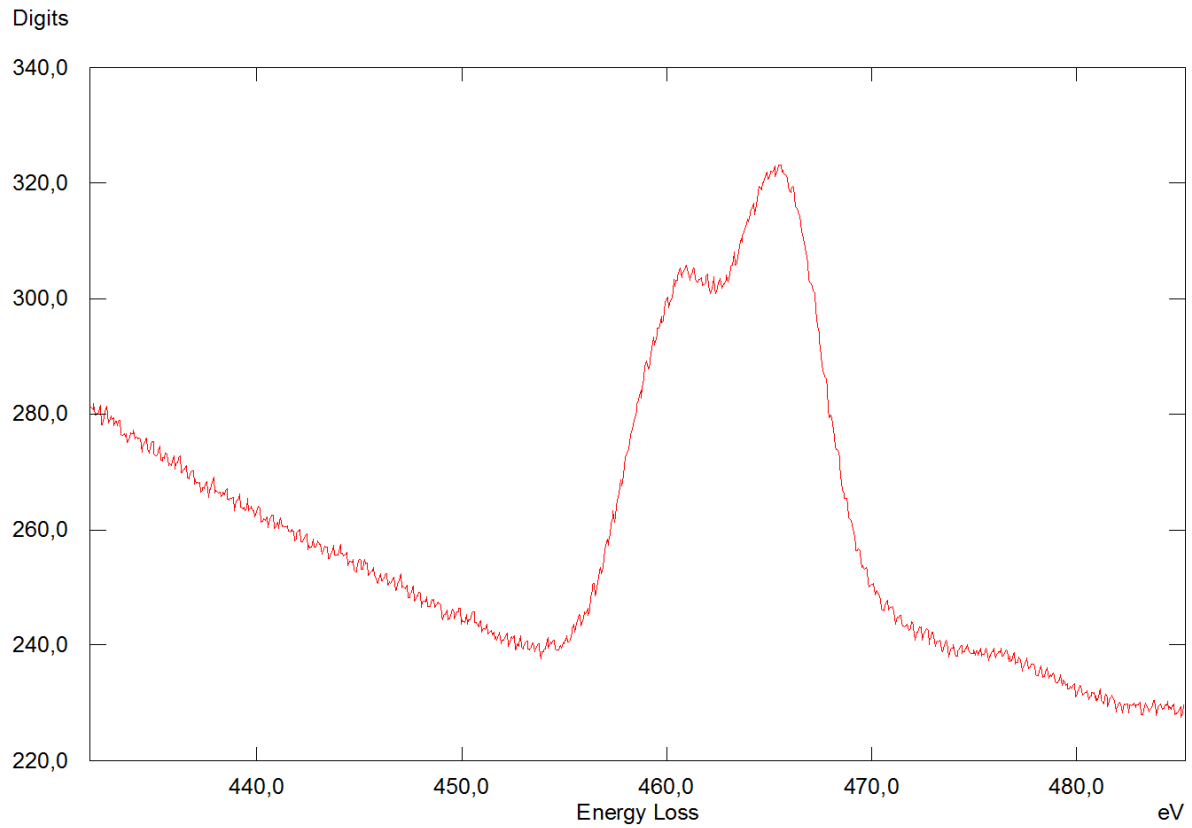


Figure S3. Electron energy loss spectroscopy (EELS): showing a typical spectrum of the Ti-L3 absorption edge of TiO₂NP in MilliQ water.