

We propose to filter five (5) 400-liter non-invasive oceanic water samples in the territorial sea of Norway in the Skagerrak and North Seas with the following latitude/longitude coordinates:

Sample Number	Location (Lat/Long)
1	59°27'11.94"N 10°31'58.39"E
2	58°25'35.60"N 8°45'11.90"E
3	59°19'0.00"N 4°47'60.00"E
4	60°11'60.00"N 5°14'0.00"E
5	60°15'60.00"N 5°11'36.00"E

Sissel Rogne, Norwegian Biotechnology Advisory Board, and Trond Joregensen, University of Tromso, will provide us with sample sites that they are interested in researching. Once we arrive in Norway, our collaborators will provide us with sample sites that they wish to study. We will, of course report the locations of sampling shortly thereafter, or if you prefer, convey the coordinates as our collaborators provide sampling stations.

Our research interest spans the entire microbial community smaller than 20 microns, which includes viruses, bacteria, and picoeukaryotes. Phytoplankton blooms, including cyanobacteria, are extremely variable and their location cannot be predicted months in advance. Thus, we would also like to request additional sampling based on real-time satellite images provided by Mati Kahru of the Scripps Institution of Oceanography. We are requesting the flexibility to sample at locations where the satellite images indicate cyanobacteria blooms are present when our vessel is within Norwegian waters. We will, of course report the locations of sampling shortly thereafter, or if you prefer, convey the coordinates as the real-time satellite images and data are provided to us. We understand that this flexibility does not follow the usual procedure, but believe that this will significantly benefit the science.

5.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical areas of the intended work and, as far as practicable, the positions of intended stations, the tracks of survey lines, and the locations of installations and equipment.

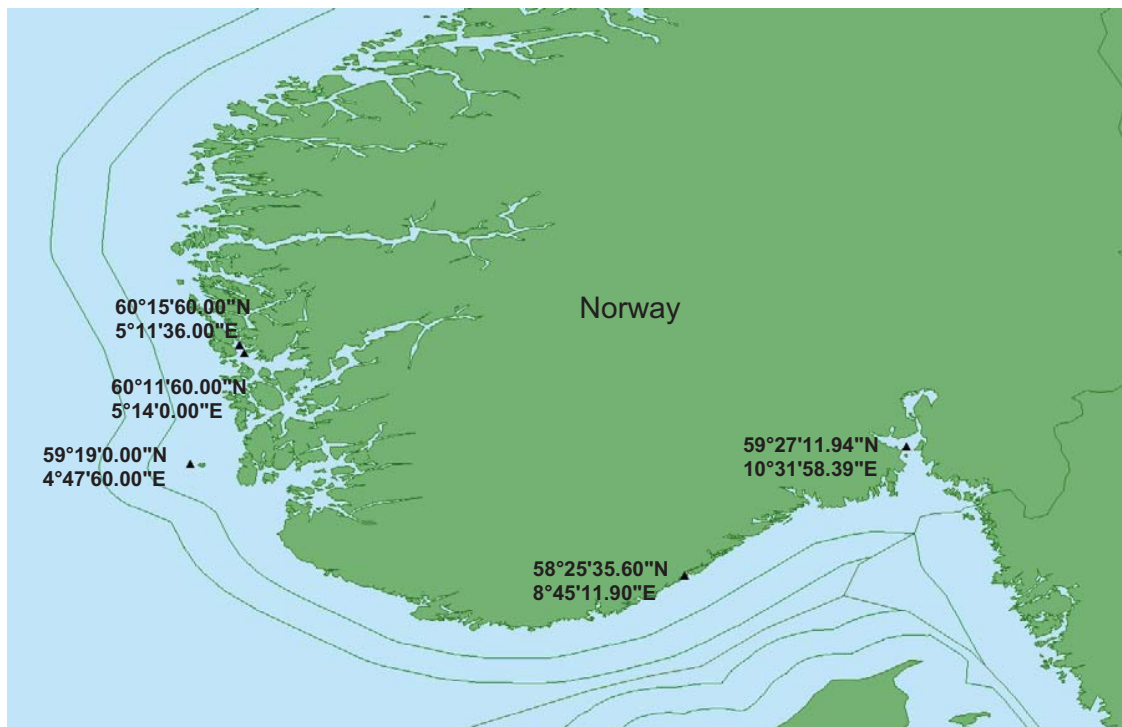


Fig. 1 Map of Norway showing maritime boundaries and the proposed sampling sites.