

Data Management Plan

We will conform to NSF policy on the dissemination and sharing of all research results.

We propose a multi-pronged approach combining a suite of lab-based, mechanistic studies using a model algal host-virus system along with manipulative field-based studies in Bergen, Norway to assess the role of light in regulating algal host-virus interactions. Data will consist of measurements of physiological parameters including: host abundance, viral abundance, photophysiological measurements, immunoblot analysis, diagnostic staining coupled with epifluorescence microscopy and flow cytometry, and quantitative PCR

Raw and processed data will be maintained in the most appropriate and relevant format (i.e. laboratory notebooks, excel spreadsheets, standard flow cytometry files). These experimental data and observations will be published within 2 years of collection and although they provide little value beyond supporting these publications, they will be made publically available.

Policy for Access: At the time of publication, usually within 1 year of the project's termination, we will freely share our data with any legitimate user. As mentioned, we routinely publish our primary data as supplemental tables for general access.

Policies and Provisions for Re-use: As per 'Policy for Access'.