



Fig. 2. Lake and weather data come from over 25 lakes across the globe.

Can phytoplankton weather the storm? Assessing how phytoplankton communities change after storms

Alexander H.R. Looi¹, Orlane Anneville², Vijay Patil³, Gaël Dur⁴, James Rusak⁵, Jason D. Stockwell¹ ¹University of Vermont, Burlington, VT, USA; ²French Institute for Agricultural Research, Thonon-les-Bains, France; ³United States Geological Survey, Anchorage, AK, USA; ⁴Shizuoka University, Shizuoka, Japan; ⁵Ministry of Environment and Climate Change, Dorset, ON, Canada

Fig. 3. Our conceptual model for how storm impacts phytoplankton.

Watershed

Low nutrient requirement



Phytoplankton Consequences:

We thank the USGS Powell Center, the Centre de other GEISHA contributors: www.geisha-stormblitz.fr. E-mail: <u>Alexander.Looi@uvm.edu</u>, <u>Orlane.Anneville@inra.fr</u>