

## Changes in Lake Ice: Ecosystem Response to Global Change

### Description

The module was completed during a 3 hour introductory biology lab. No changes were made to the module.

### Instructor notes

Students worked in 10 groups of 2 students each. Each group graphed 20 years of data. Graphs were taped on the whiteboard and students determined a line for the overall trend.

It was somewhat difficult for students to see the overall trend line. Need to use a marker that makes a thick line.

Because the steepest slope is for the last few years of data contained in the data set in the module, it might be useful to obtain and use more recent data.

### Classroom materials

No additional classroom materials were used.

To grade students, I determined if they participated in the discussion about the proper scale to use and if the graph produced by their group followed the guidelines agreed upon by students at the start of the module.