

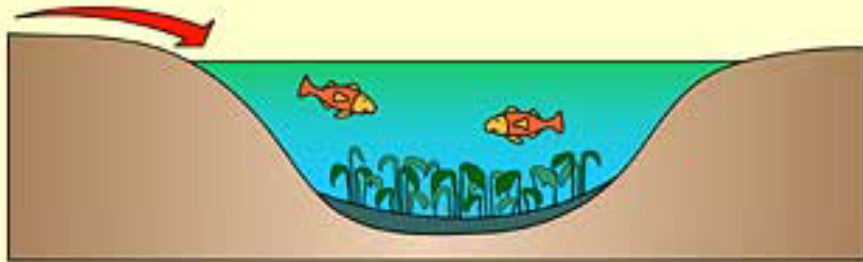
The slide features several decorative circles in a light sage green color. One circle is positioned behind the word 'Chemical' in the title. Two circles are placed behind the words 'Inhibition' and 'of'. Another circle is behind the word 'europaea' in the species name. Below the title, there are two solid green circles on the left and one hollow green circle on the right, which contains the author's name.

Chemical Inhibition of *Nitrosomonas europaea*

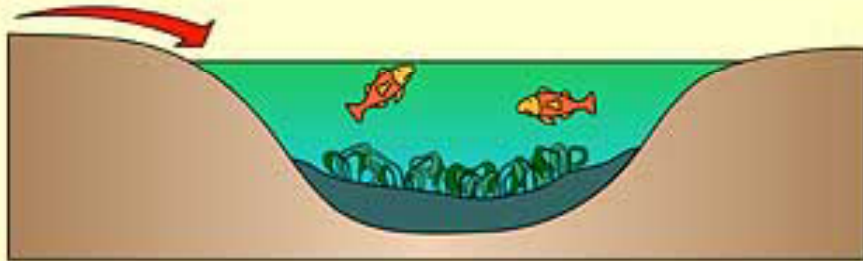
Caslin Gilroy

Eutrophication in wastewater treatment plants

Fertiliser run-off

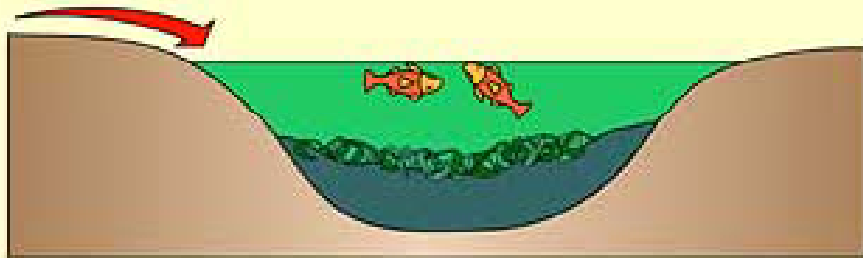


1. Algae grow fast, using up lots of oxygen and blocking sunlight



2. Aquatic plants begin to die

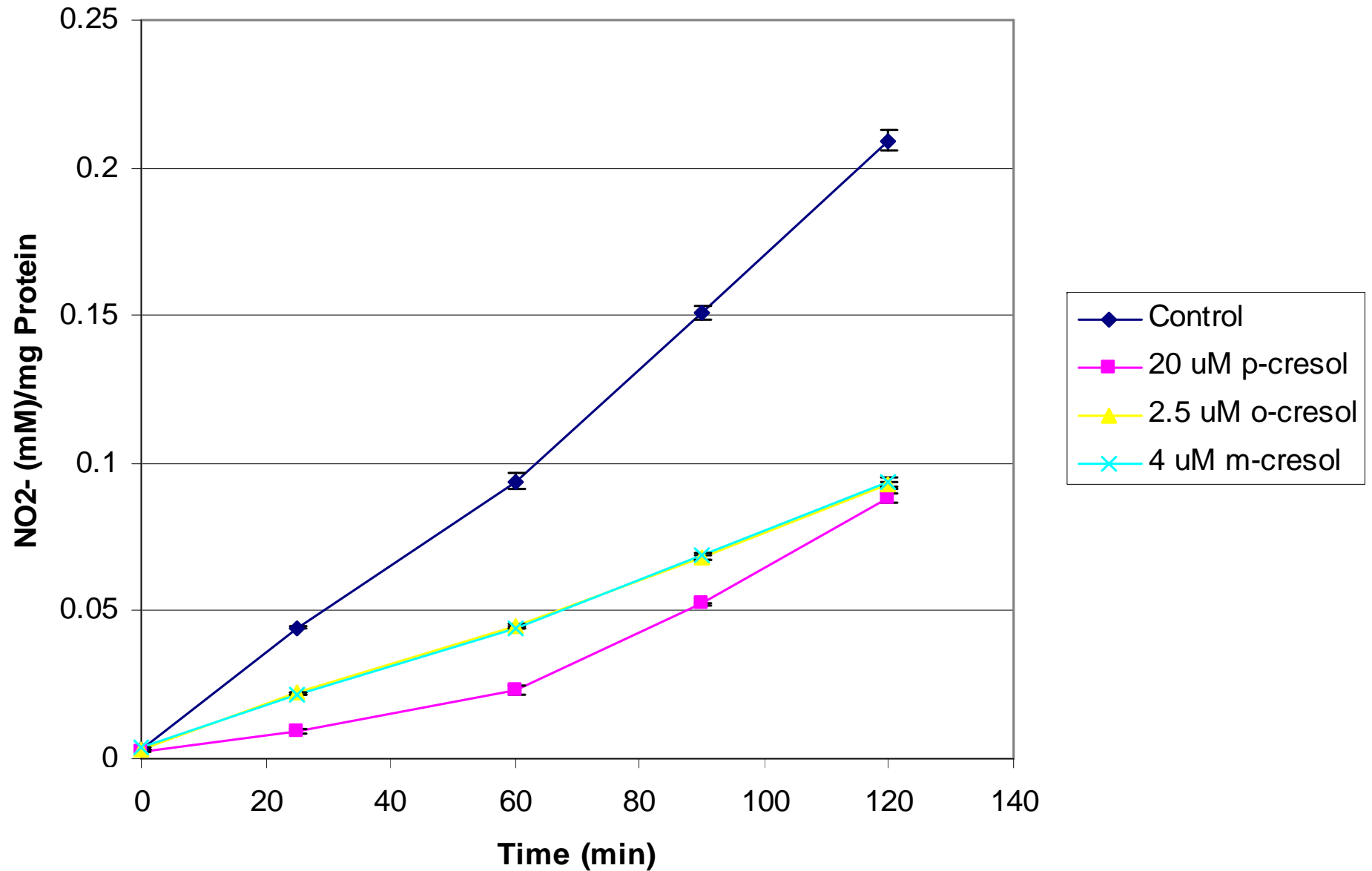
3. Dead matter provides food for microbes ...



4. ... increasing the competition for oxygen

5. Water becomes deoxygenated - fish die

5 mM NH₄⁺, pH 7.8, 250 rpm, 25 Degree C





Thank you!

- Tyler Radniecki
- Dr. Semprini