

Hogs, Chickens, and More!

- I. Introduction
 - a. Concentrated Animal Feeding Operations and Their Consequences
 - b. Human Population Growth and Its Effects on The Environment with a Reminder about Trophic Energy Transfers

- II. Eutrophication: Effects of Nutrient Loading
 - a. Where Do Nutrients Come From?
 - b. Why are Nitrogen and Phosphorus Needed by Organisms?
 - c. Effects of Nitrogen and Phosphorus Increases in Aquatic Systems
 - d. Other Ways Humans Impact Aquatic Systems

- III. Biogeochemical Cycles
 - a. Nitrogen Cycle
 - b. Phosphorus Cycle
 - c. Carbon Cycle

- IV. Communities and Biodiversity
 - a. Do All Organisms Benefit Equally from Extra N and P?
 - b. What Is Biodiversity ?
 - c. Biomagnification

- V. Coral Reefs