

## Chapter 19

### Protecting the Biosphere

#### A. Review Mature, Natural Ecosystem

Stable, chemical recycling, energy flowing  
No pollution

#### B. Pollution

Wrong place, time, amount  
Measurement  
Sentinel species (canaries)  
Toxic substances

#### C. Human Activity

Water pollution and sources  
Water usage, clean-up and treatment

Air pollution  
Outdoor / indoor  
Acid rain  
CFC's and ozone  
CO<sub>2</sub> and greenhouse effect

#### D. Reducing your (negative) impact on environment?

How can you?