3/2-3/5 Acid Rain

Assigned Reading  Env. Sci. p.479 - 487 (skip sections on particulates, & automobile pollution on pages 485 and 486).

What to know
* what the role of sulfur in acid rain is, including the major source of sulfur that ends up as acid rain, and forms of sulfur involved in acid rain

* pH of normal rain water, pH range of acid rain,

* species of sulfur and nitrogen in acid rain

* types of rock that are natural buffers to acid waters

* types of rock that give little protection from acid rain

* at least four impacts of acid rain on fish and/or vegetation

* where the main polluting industries are in the US that contribute to acid rain, and where the main pollution is occurring in the Northern Hemisphere

* how to remediate acidified lakes or rivers

* impacts of liming on lakes

Vocabulary (see next page)
Vocabulary

acid rain
sulfuric acid
nitric acid
calcium carbonate
lime
liming
buffer
scrubbing