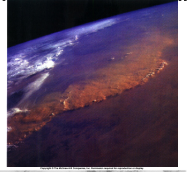


# SIO 15 LECTURE 23: ANTHROPOGENIC CHANGES: GROUND

Leftovers from Lecture 22

watch short video 22 on Ozone Hole

## Dust Storms



### The 1930s Dust Bowl

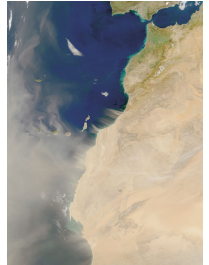
A combination of Land Misuse and Drought



### A Sahara Dust Storm and Sick Coral in the Caribbean

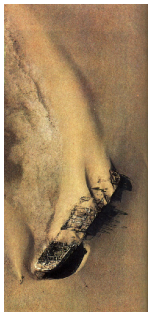


### Sahara Sand Storms - Why Should we Care?



### Asian Atmospheric Brown Cloud(s) - A Global Problem

### Deserts/Desertification

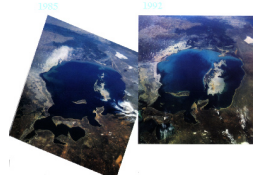


### The Sahel

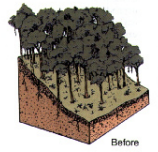
### U.S. Fossil Fuels and the Sahel Drought



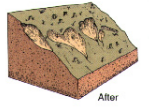
## Land Degradation: Aral Sea



## Deforestation in the Tropics



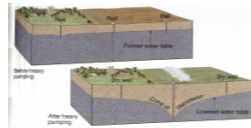
Before



After

## Deforestation in the last 8000 years

## Farming and the Groundwater Table



## Farming and Subsidence



## Farming and Aquifers



## The All-American Canal

