

Lecture 26  
December 4  
Student's paper presentations

*John Weiss*  
**Occultation as a probe of the Saturnian atmosphere**

*Alice Delia*  
**How does the single scattering albedo change when considering an internal or external aerosol mixture of different compositions ?**

**Discussion**

Lecture 27  
December 6  
Student's paper presentations

*Amy Hankinson*  
**Aerosol effects on photolysis rates in an urban environment**

*Gannet Hallar*  
**Changes in UV radiation at McMurdo Station, Antarctica, during the last decade.**

**Discussion**

Lecture 28  
December 8  
Student's paper presentations

*Andrew Etringer*  
**Analyzing the dependence of the surface net radiation on cloud amount and cloud optical properties in the Arctic summer.**

*Sandy Starkweather*  
**Comparing measured and modeled radiation at the Summit of the Greenland ice sheet: effects of cirrus clouds**

**Discussion**

Lecture 29  
December 11  
Student's paper presentations

**Daria Halkides**

**1-D radiative transfer model predictions of seasonal vegetation-induced surface albedo in mid-latitude forest and desert climates.**

*Tom Hopson*

**The parameterization of downwelling radiation using surface air temperature and vapor pressure measurements and its associated errors.**

Lecture 30  
December 13  
Student's paper presentations

*Renee Tatusko*

**Reduction of UV radiation at Barrow, Alaska, caused by smoke from biomass burning in Far East Russia.**

**Discussion of IPCC report (Chapter 6)**