

***Tomsk Polytechnic University
Institute of natural resources
Geoecology and Geochemistry Department***

***Atmospheric aerosols in
environment***

***Lecture 4
«International programs
to study of aerosol»
Anna V. Talovskaya***

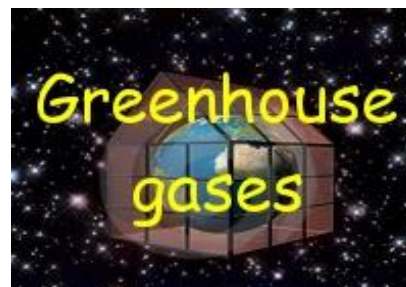
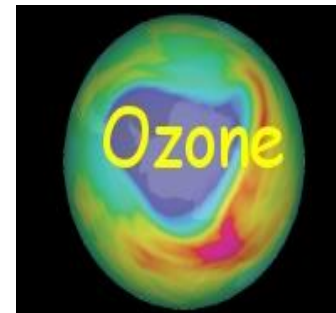
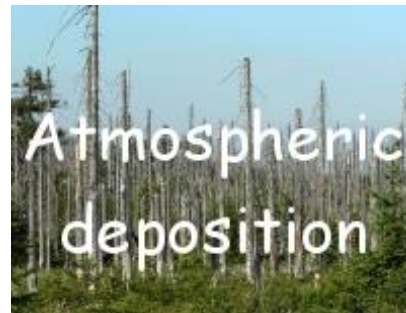
PhD, Associate professor



http://www.wmo.int/pages/summary/progs_struct_ru.html

Global Atmosphere Watch (GAW)

http://www.wmo.int/pages/prog/arep/gaw/gaw_home_en.html





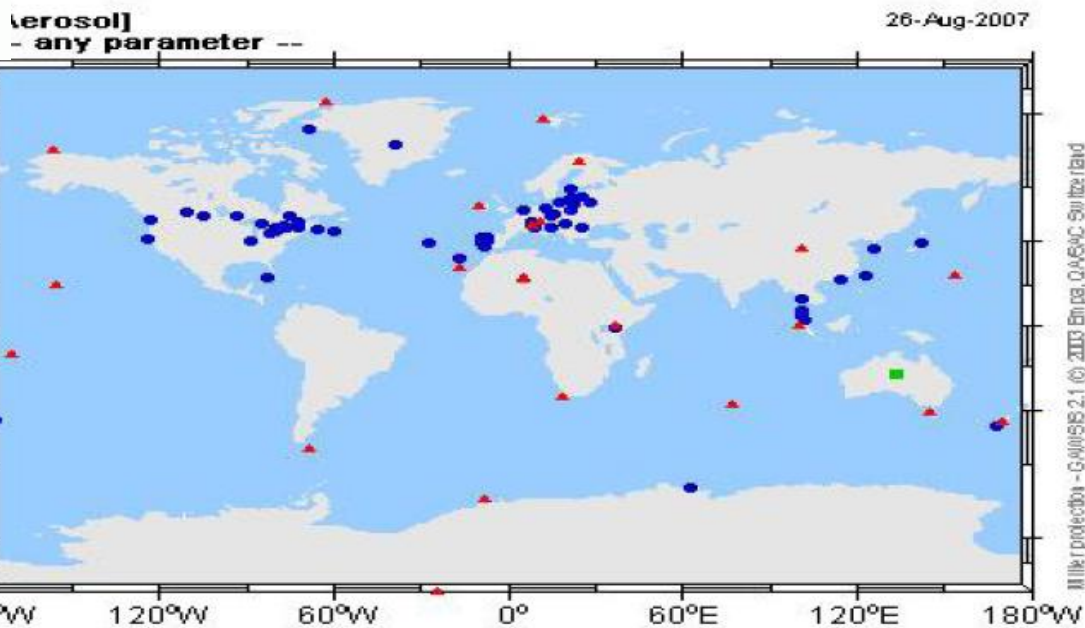
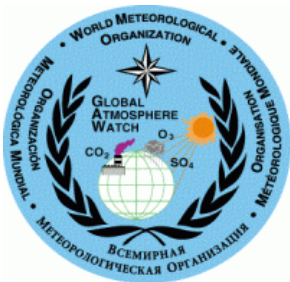
http://www.wmo.int/pages/summary/progs_struct_ru.html

World Meteorological Organization (WMO)



Global Atmosphere Watch (GAW)

http://www.wmo.int/pages/prog/arep/gaw/gaw_home_en.html



Global, Regional and Contributing measurement stations



● GAW Regional Station
 ■ Contributing Station
 ▲ GAW Global Station



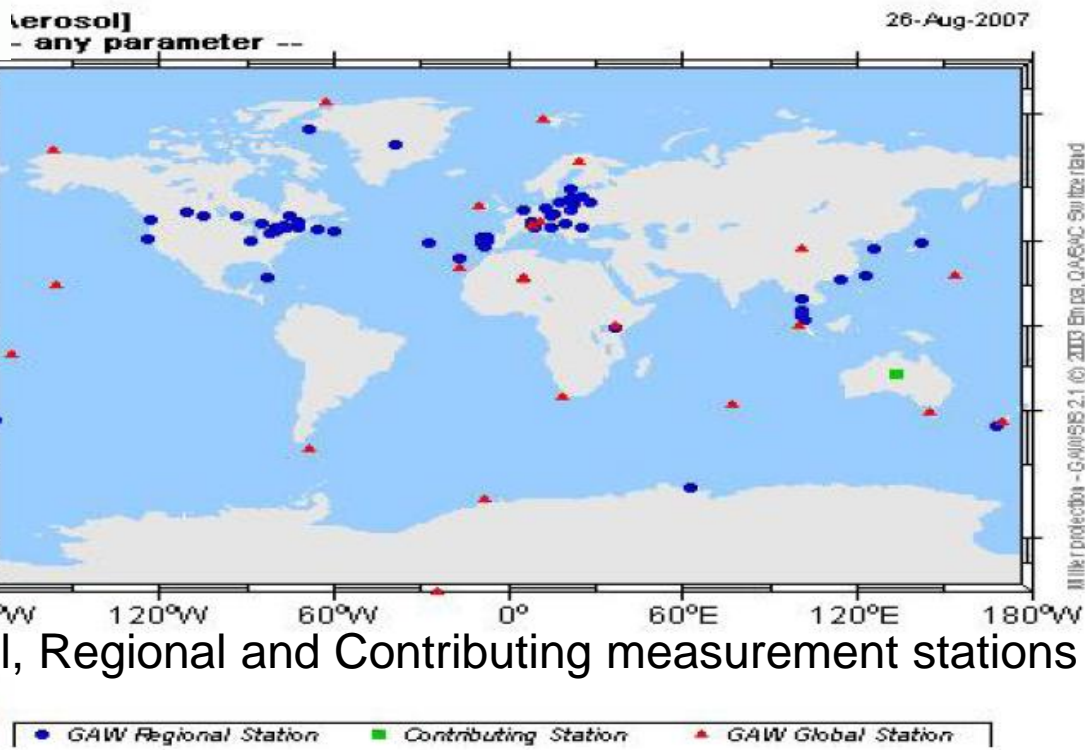
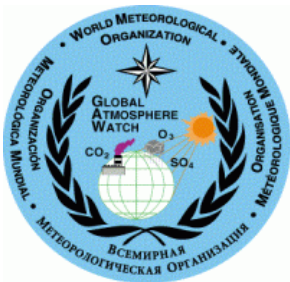
http://www.wmo.int/pages/summary/progs_struct_ru.html

World Meteorological Organization (WMO)



Global Atmosphere Watch (GAW)

http://www.wmo.int/pages/prog/arep/gaw/gaw_home_en.html



properties of atmospheric aerosol:

- microphysical
- optical
- chemical



The World Data Centre for Aerosols (WDCA)

Task

- Join into groups (2-3 persons)
- Visit web-pages of
World Meteorological Organization
Global Atmosphere Watch
The World Data Centre for Aerosols
- Find and discuss in groups following information:
 - *Purposes of organization*
 - *Methods used to study aerosols*
 - *Types of networks*
 - *Some results of aerosol study*
- Set questions for other group. Then check their answers