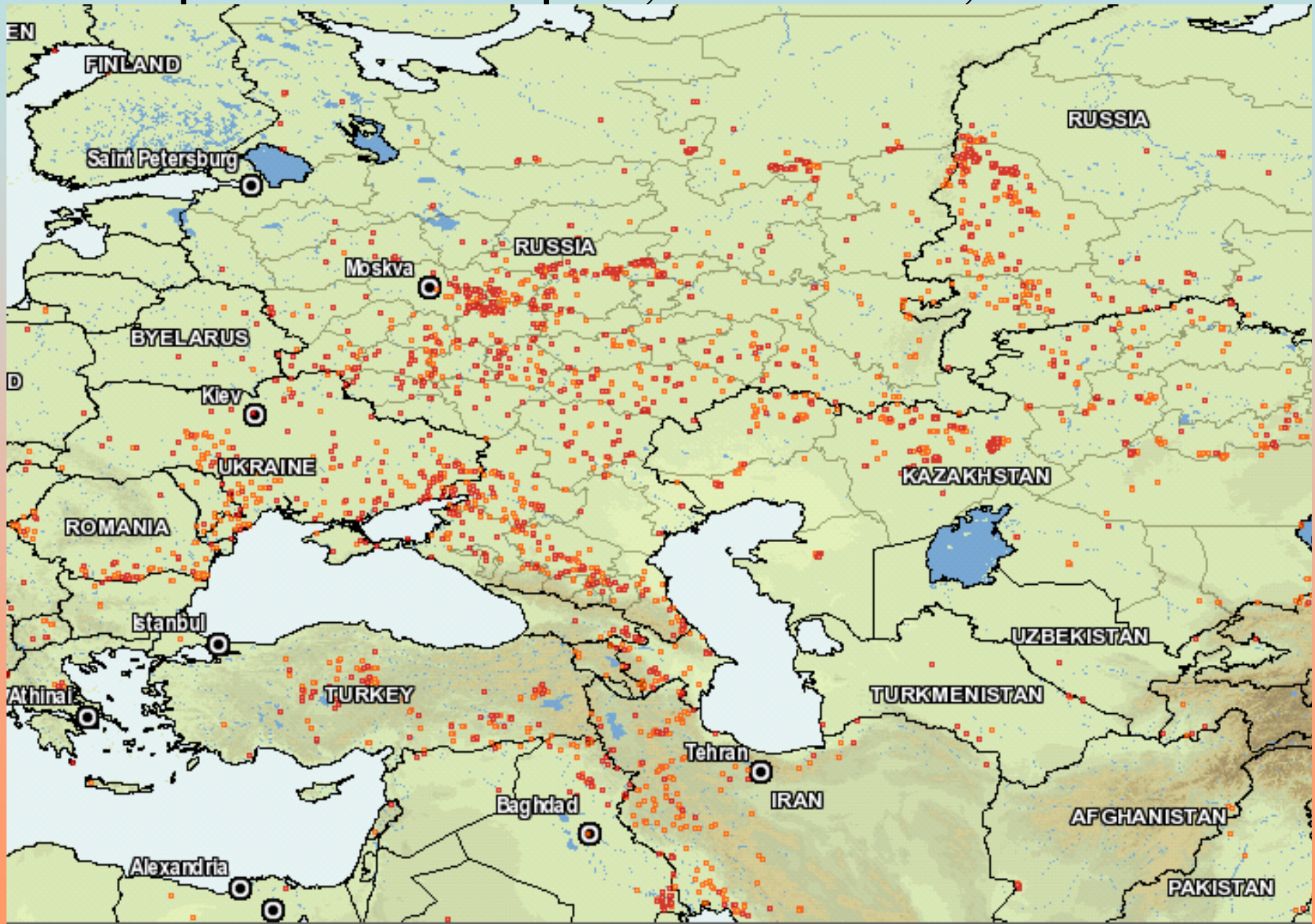


***Institute of Physics, NAS of Belarus, Minsk, Belarus,
Institute of Geophysics, Warsaw, Poland***



***Smoke of forest and peat fires
is main regional factor of air
pollution in summer time in
Belarus***

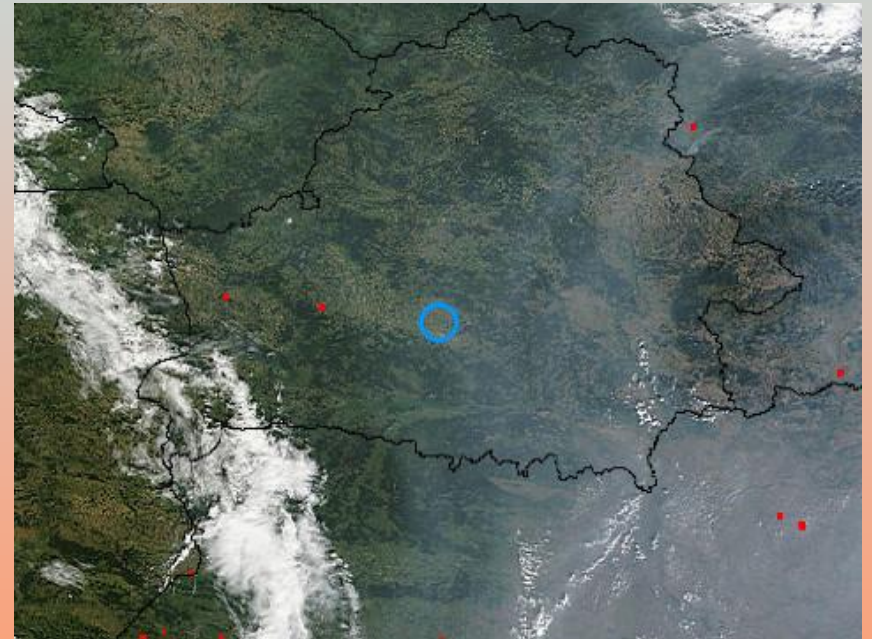
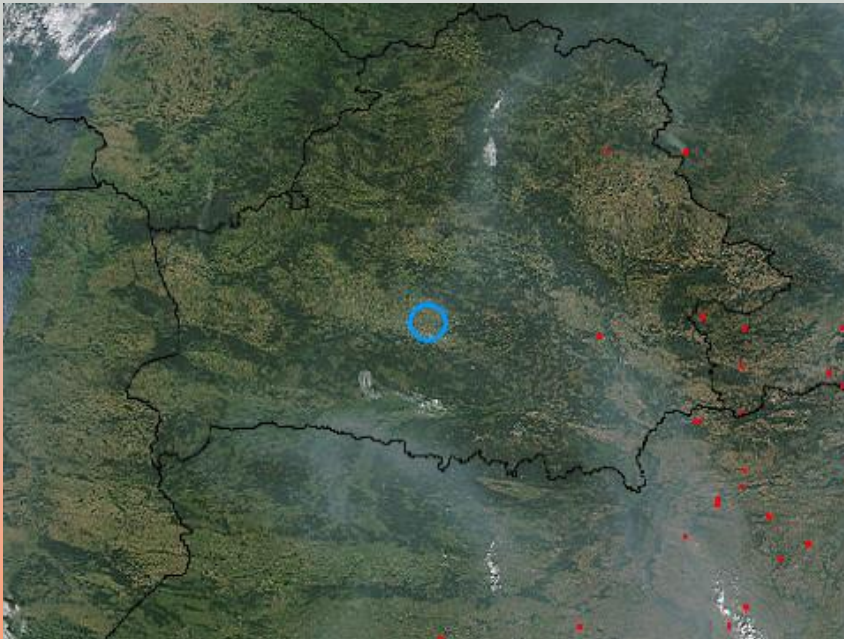
Map of fire fires spots, 15-08-2010, MODIS



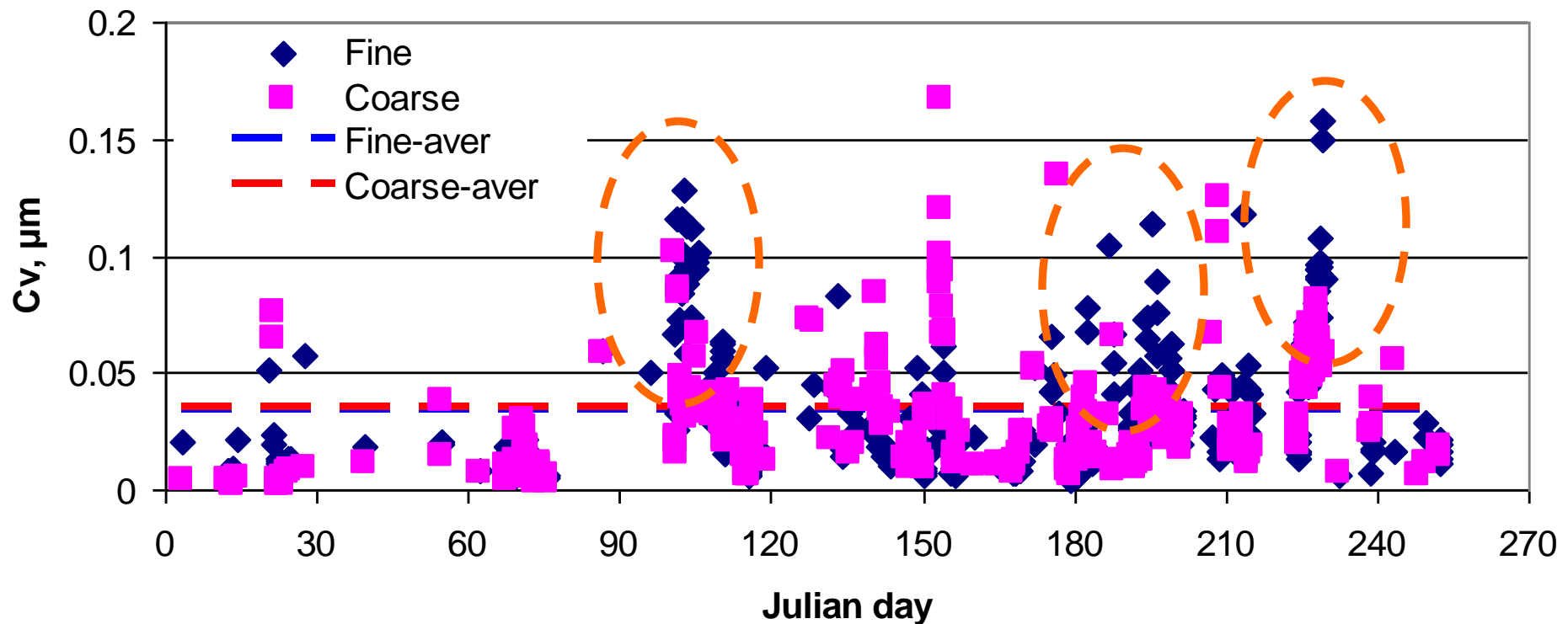
TERRA-MODIS

Belarus, 15-08-2010

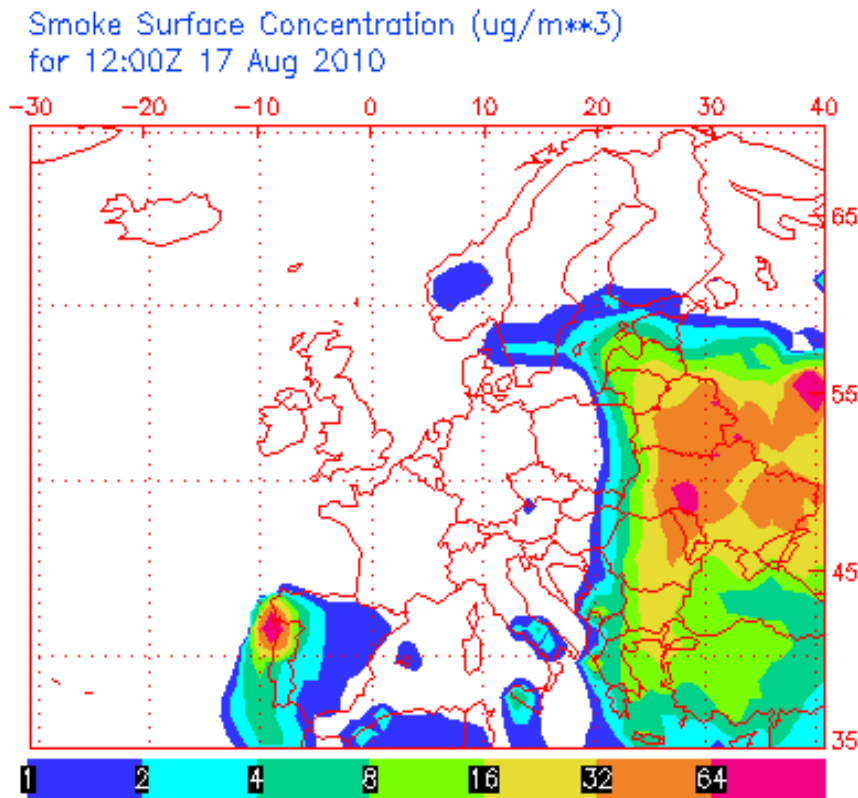
Belarus, 16-08-2010



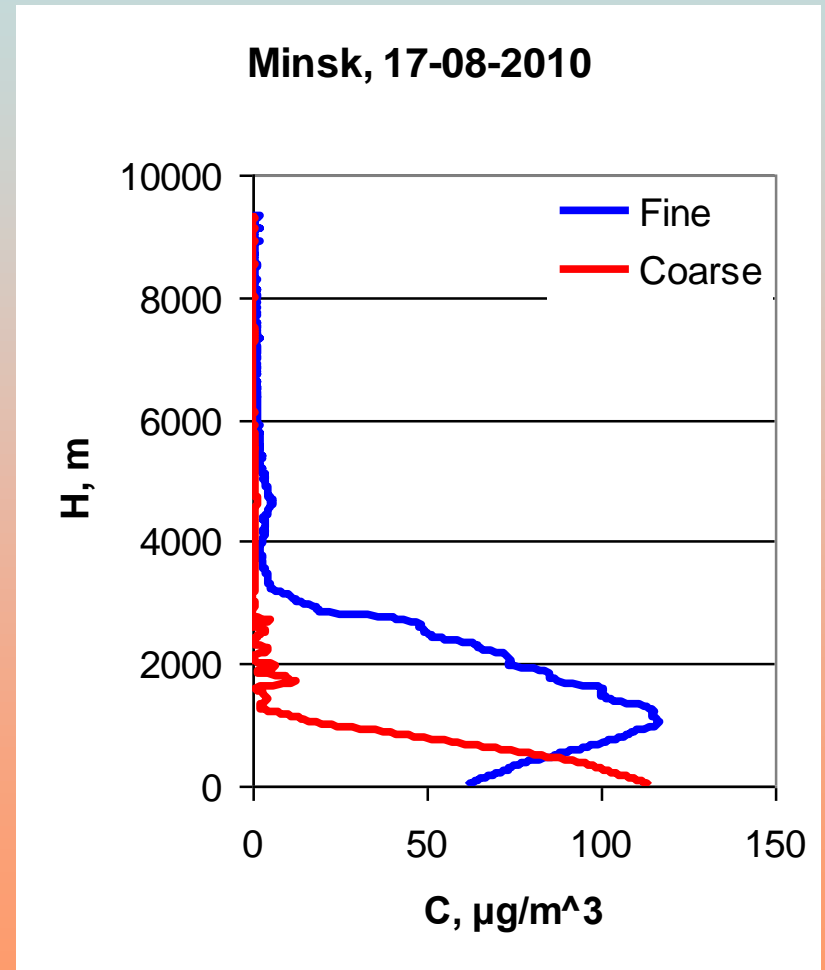
Column amount of fine and coarse aerosol modes during 2010, Minsk



Space and altitude distribution of smoke, 17-08-2010



NAAPS model



***Forest and and peat fires
in Belarus, summer and autumn, 2002
Minsk, center, September 10***



Photo . ByMedia . net

*Forest and peat fires
in Belarus, summer and autumn, 2002*



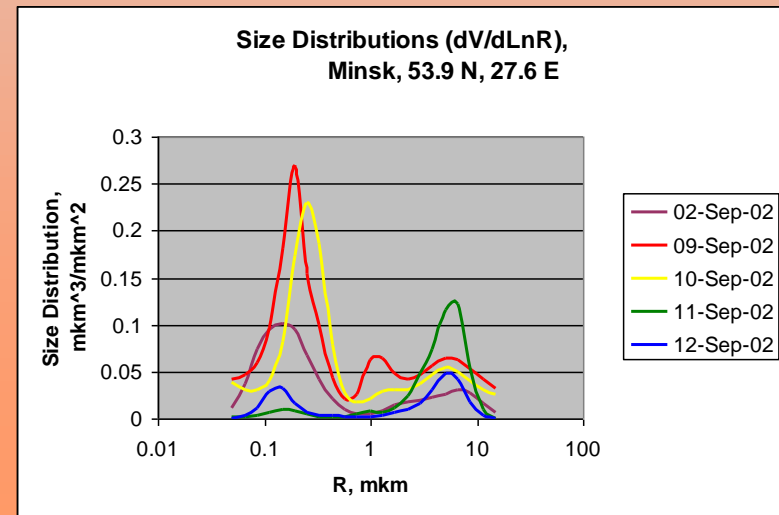
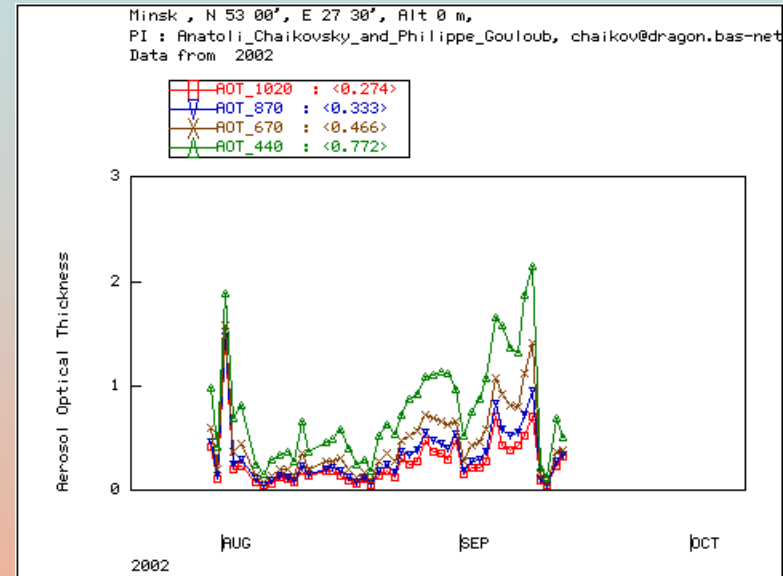
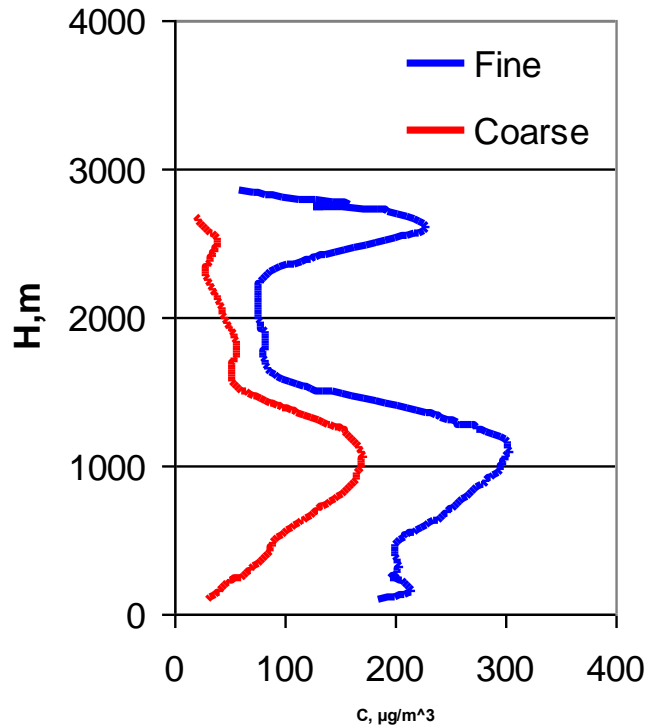
Photo .ByMedia .net

*Forest and and peat fires
in Belarus, summer and autumn, 2002*



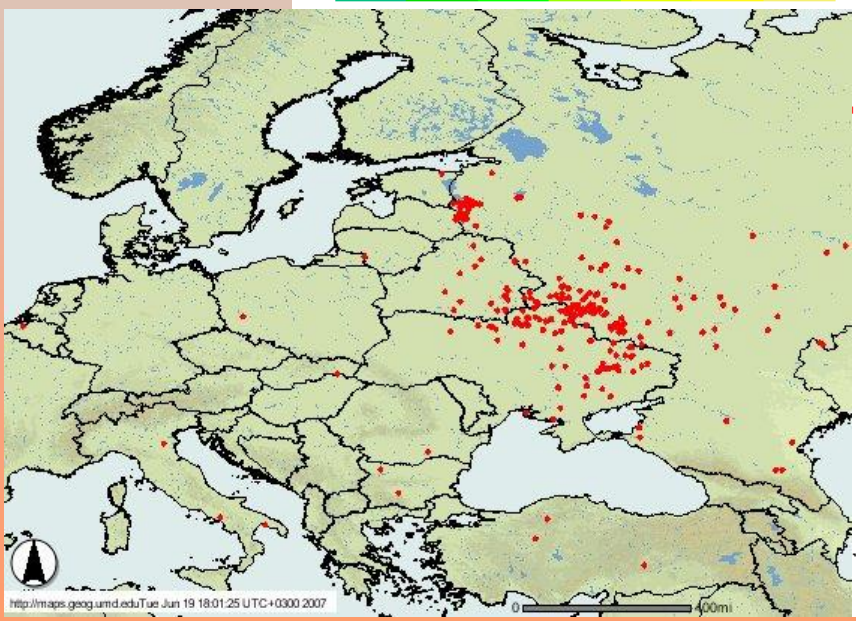
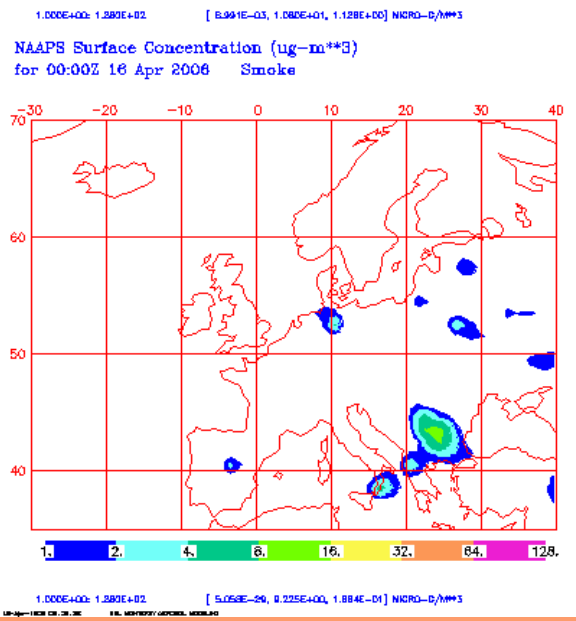
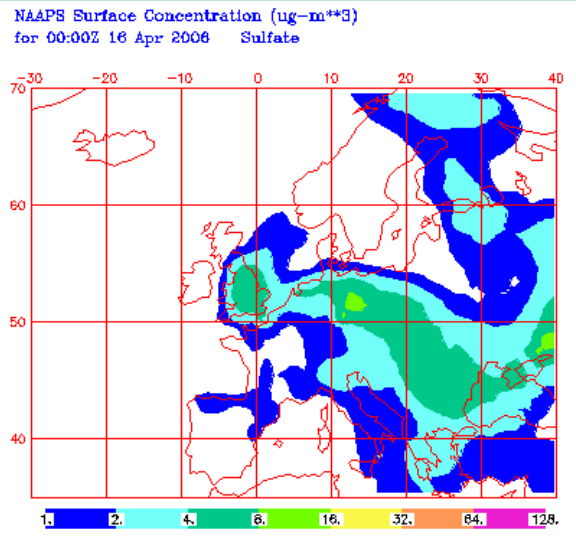
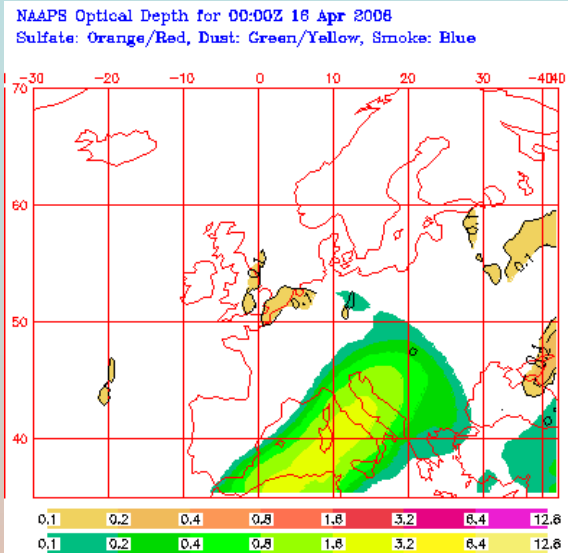
Forest and and peat fires in Belarus, summer and autumn, 2002

Minsk, 09-09-2002



16-04-2006

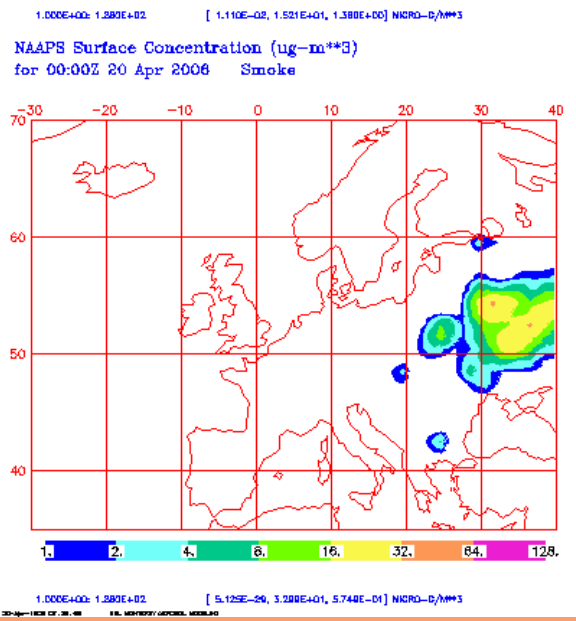
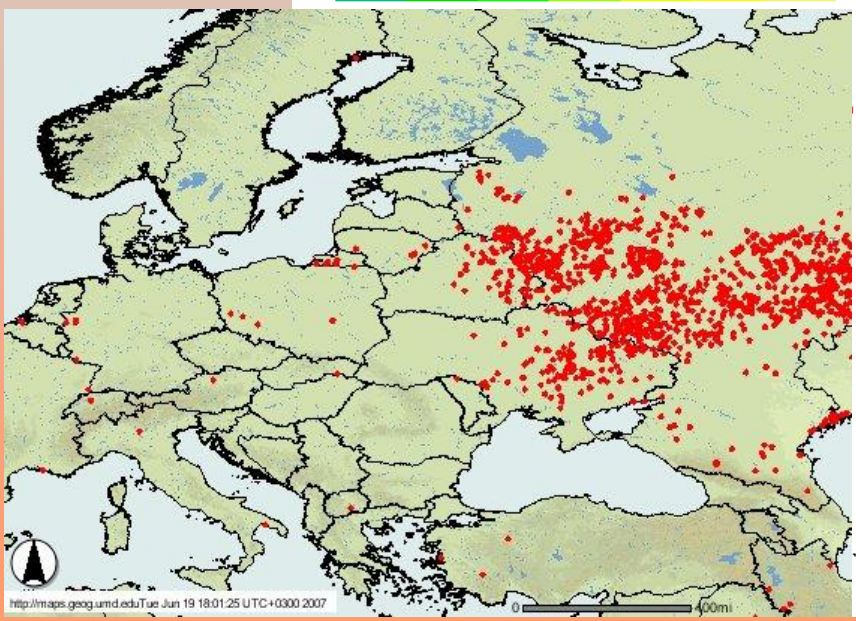
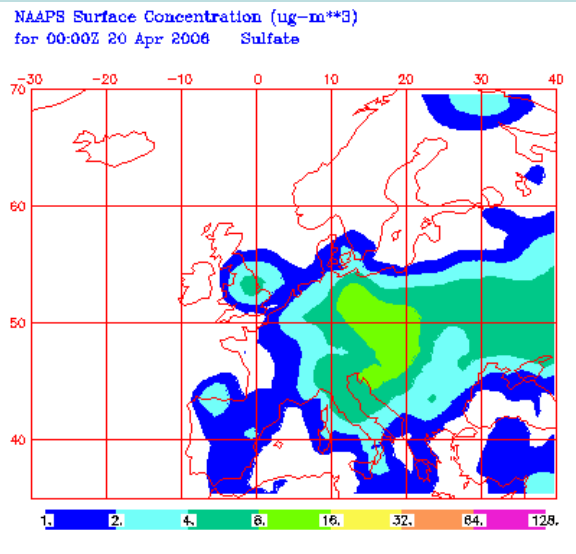
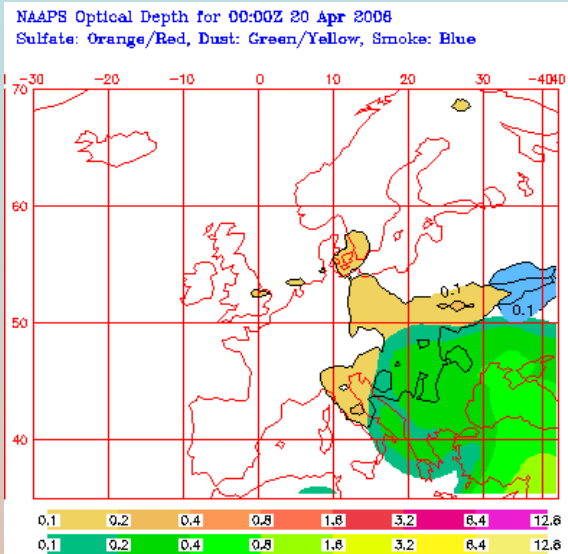
Smoke spreading over Europe, spring 2006



<http://maps.geog.umd.edu> Tue Jun 19 18:01:25 UTC+0300 2007

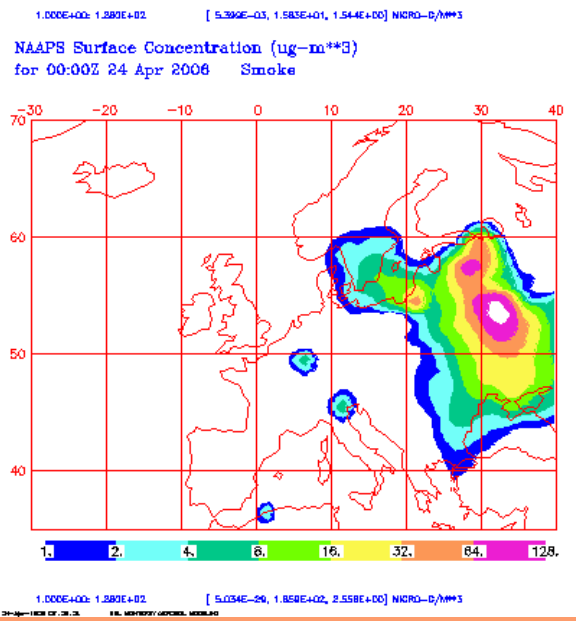
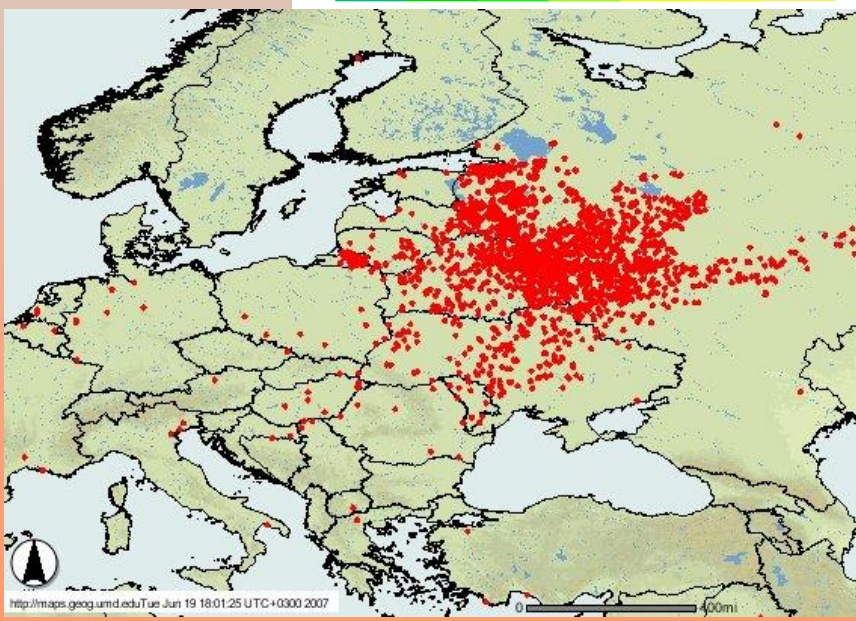
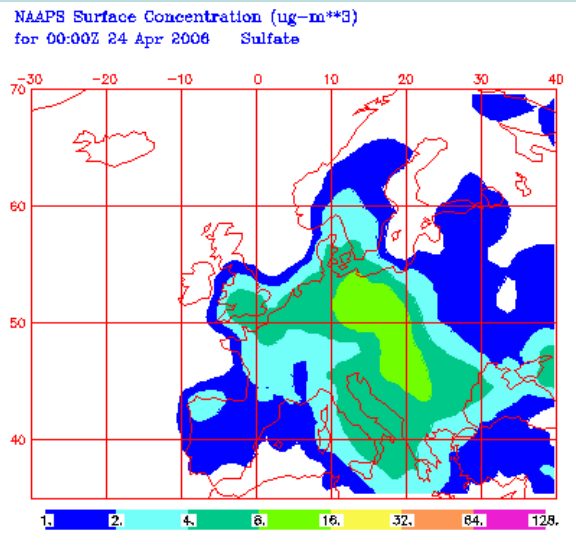
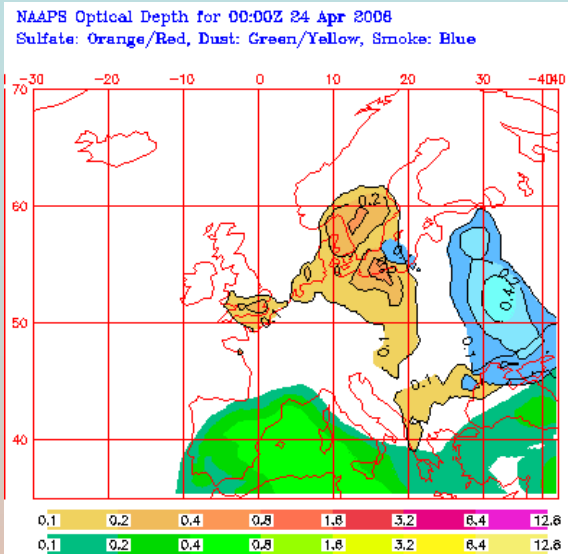
20-04-2006

Smoke spreading over Europe, spring 2006



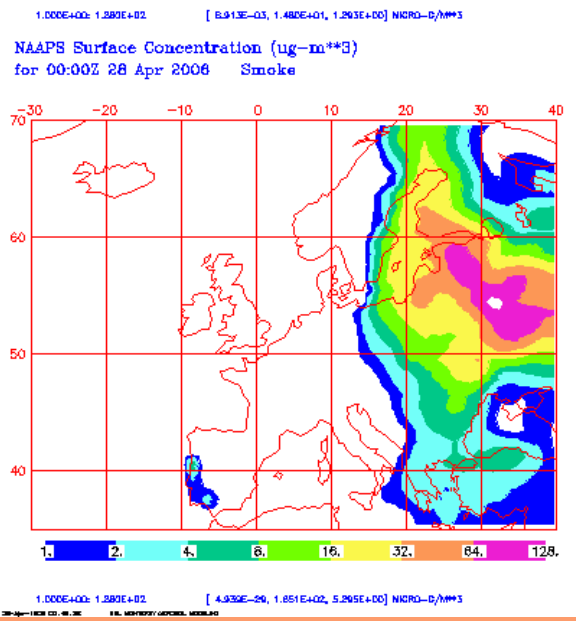
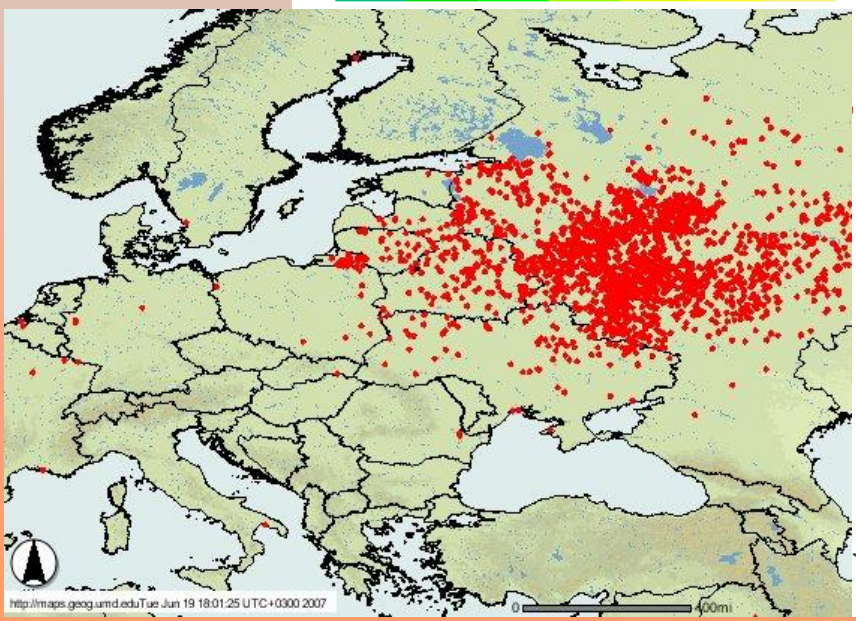
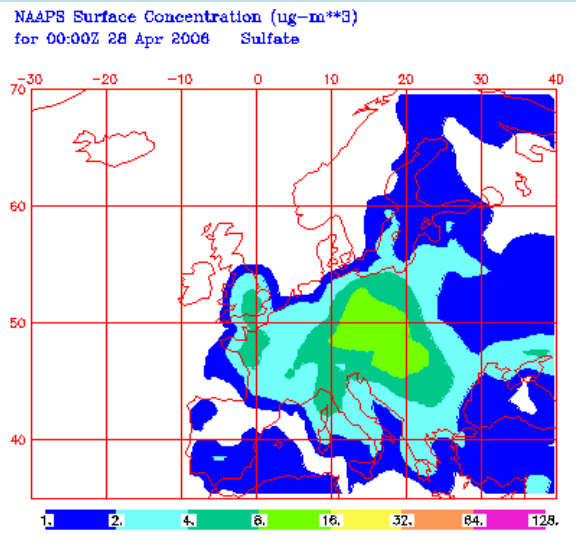
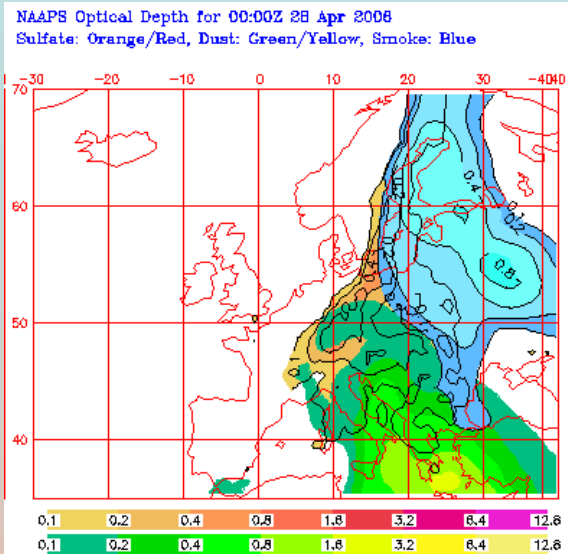
24-04-2006

Smoke spreading over Europe, spring 2006



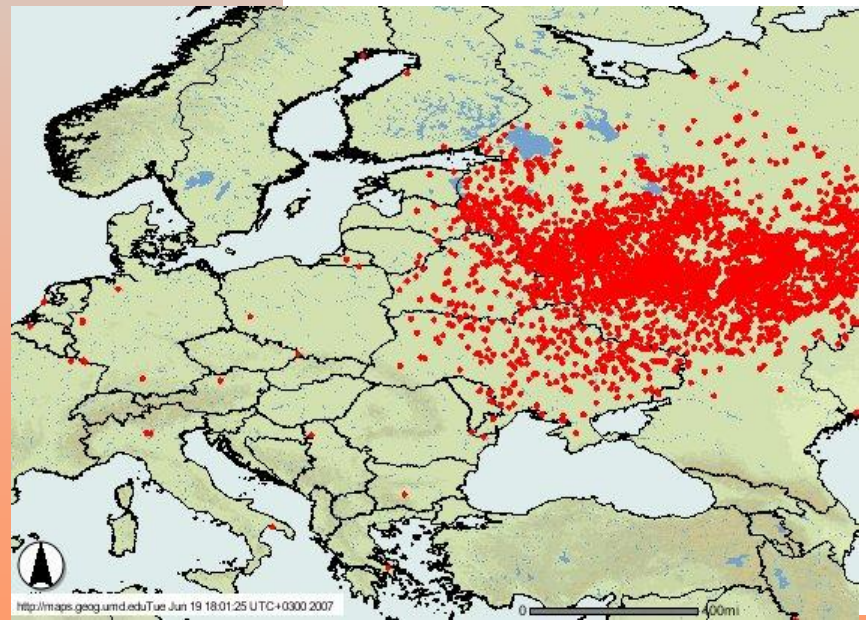
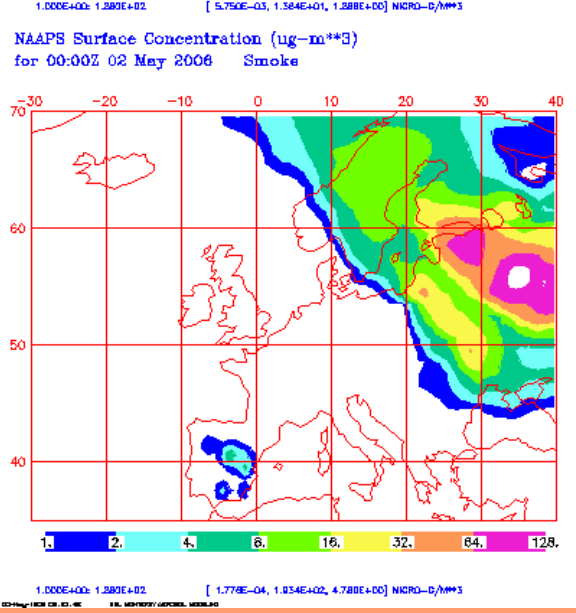
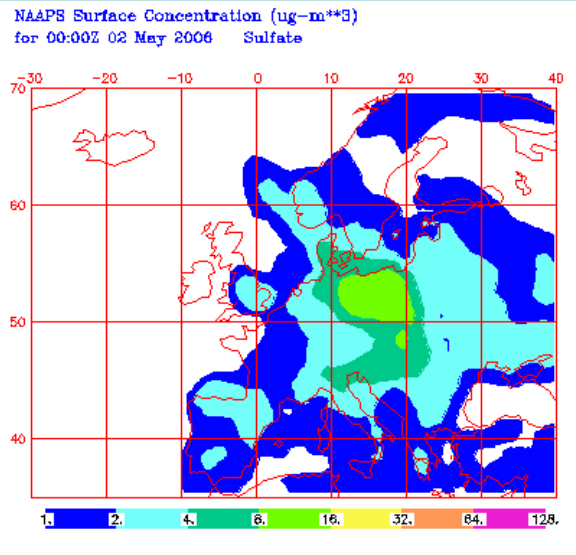
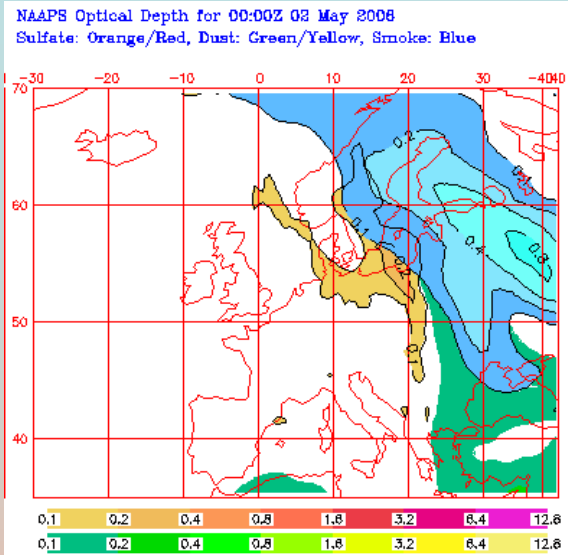
28-04-2006

Smoke spreading over Europe, spring 2006



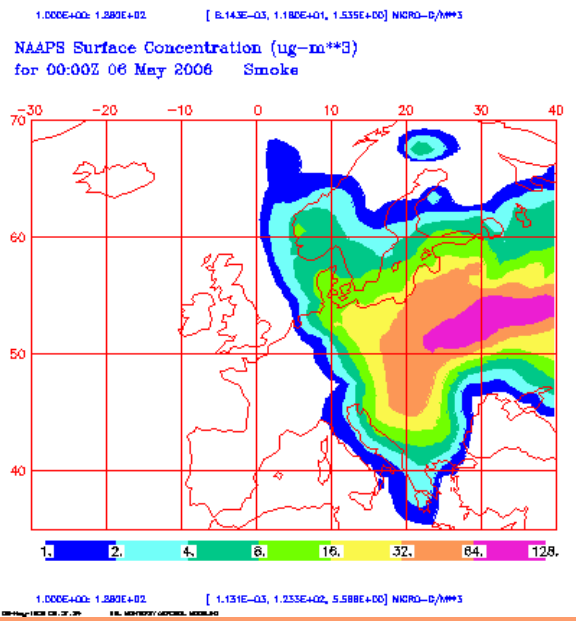
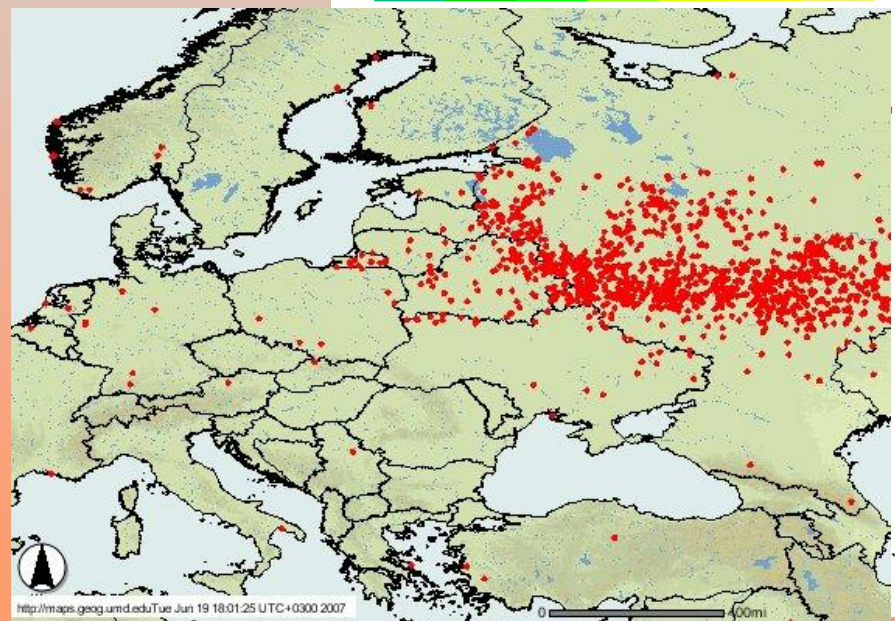
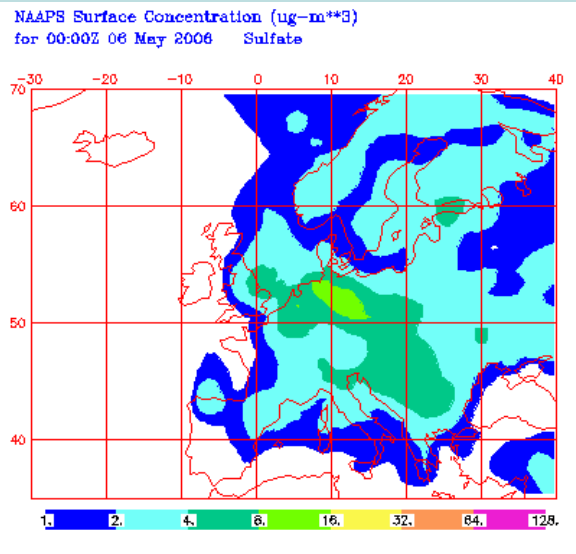
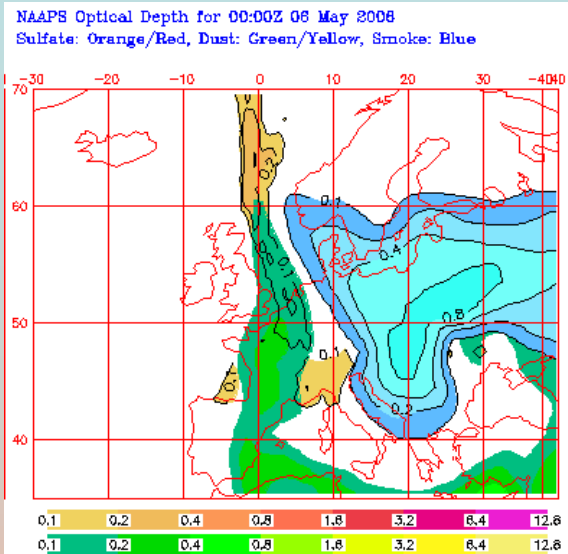
02-05-2006

Smoke spreading over Europe, spring 2006



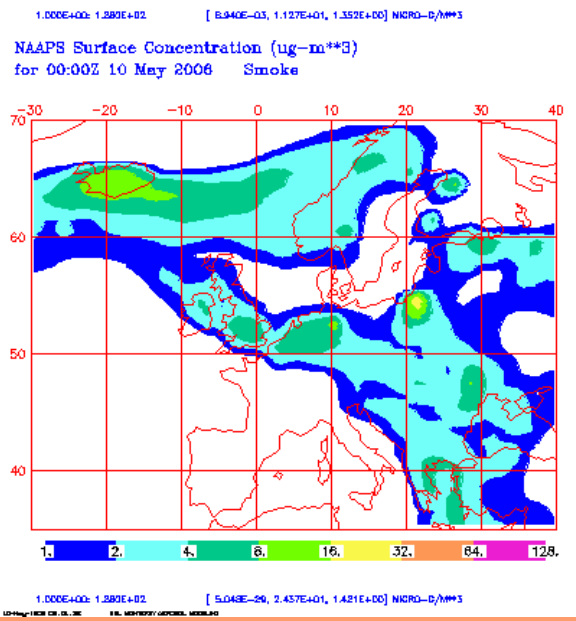
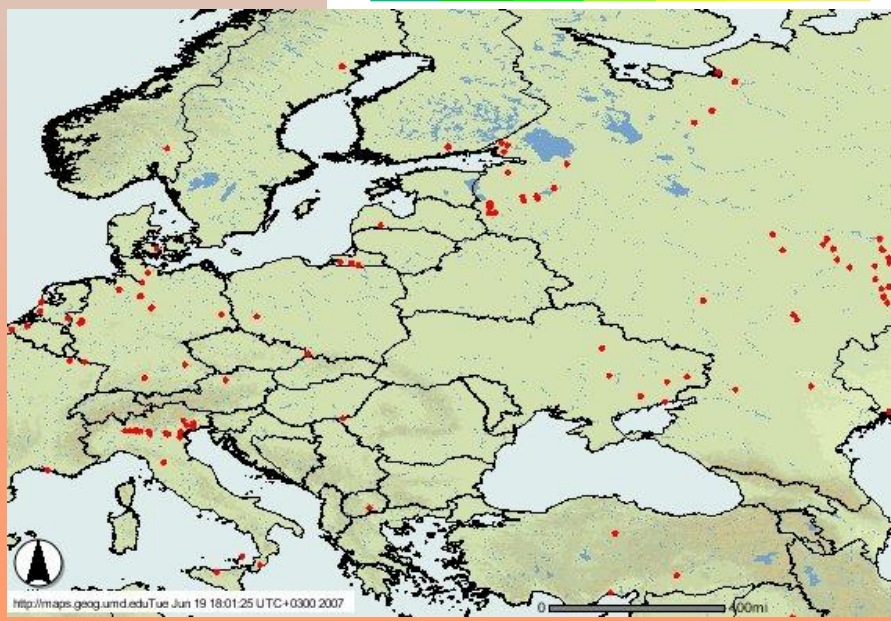
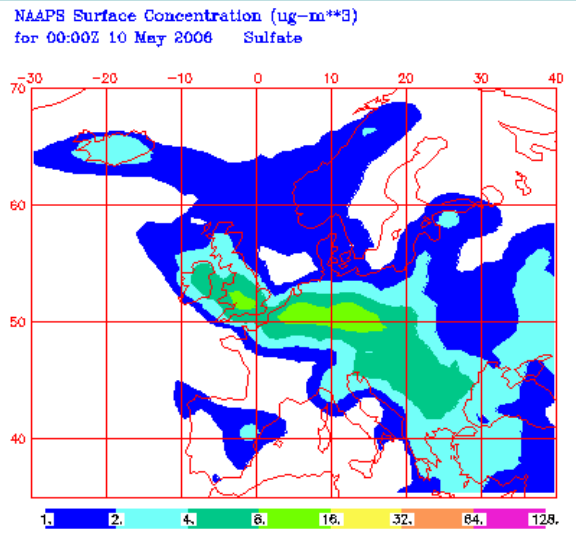
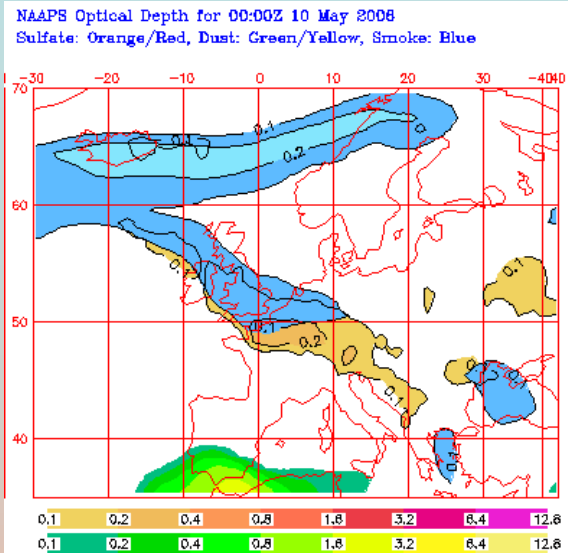
06-05-2006

Smoke spreading over Europe, spring 2006



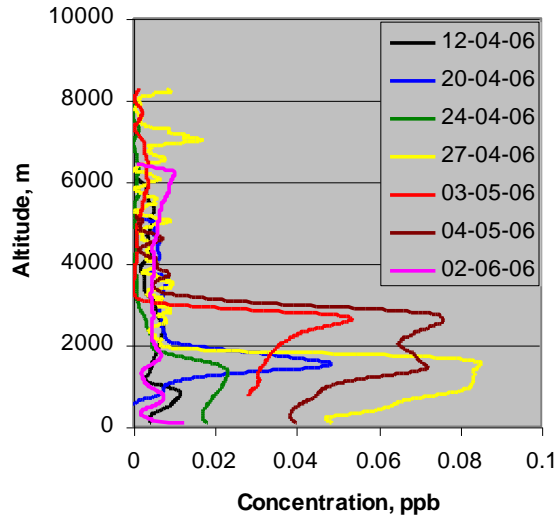
10-05-2006

Smoke spreading over Europe, spring 2006

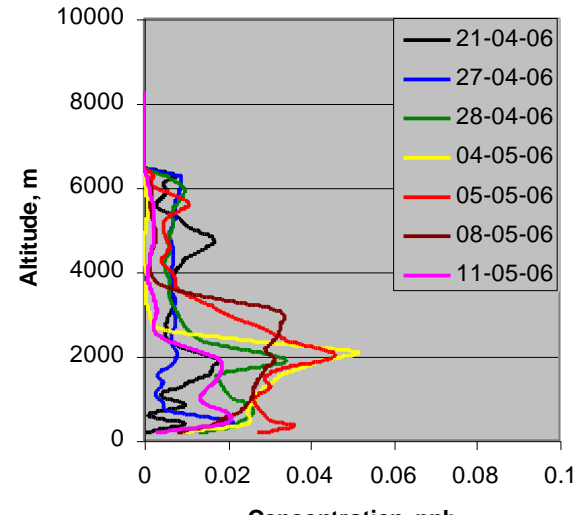


Fires smoke event, April 2006

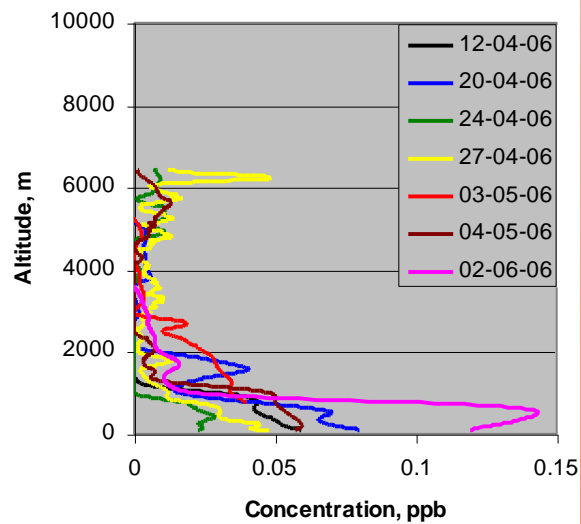
Minsk (53.9N, 27.6E), Fine mode



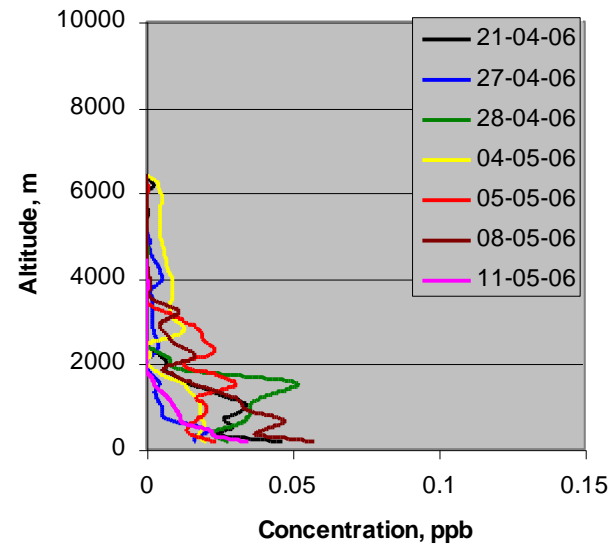
Belsk (51.9N, 20.8E), Fine mode



Minsk (53.9N, 27.6E), Coarse mode

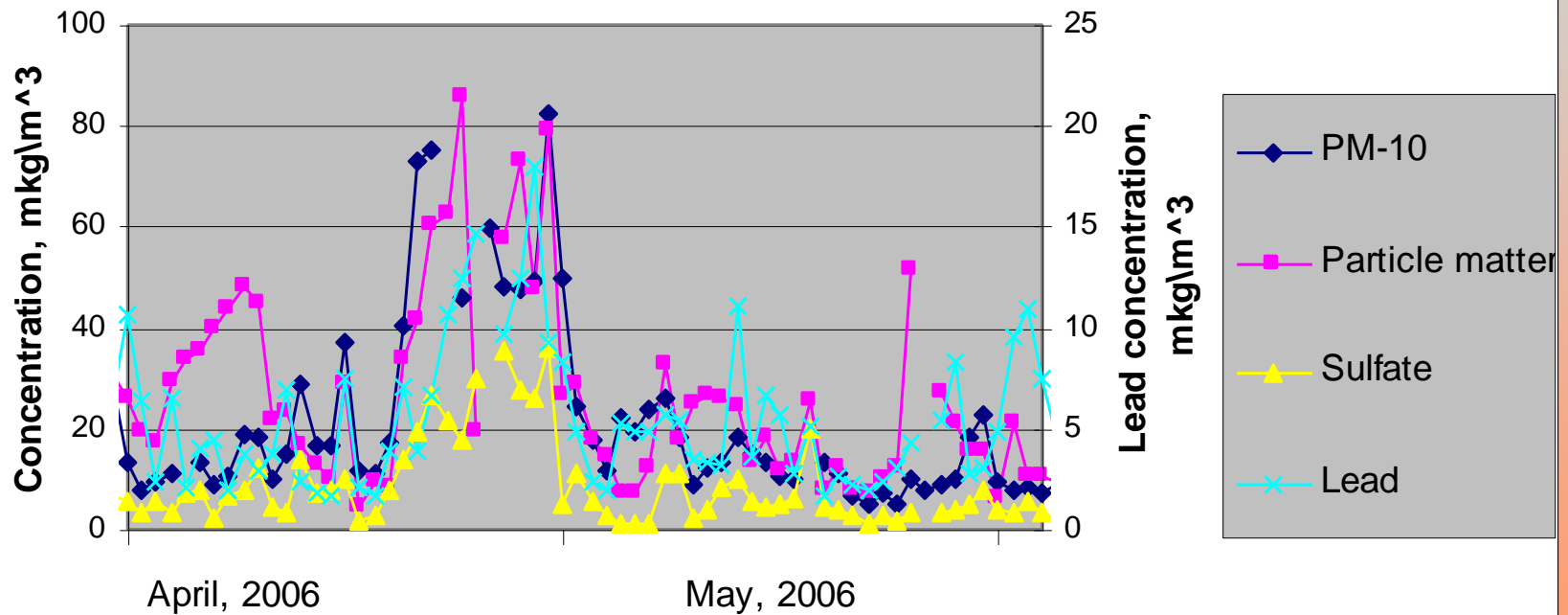


Belsk (51.9N, 20.8E), Coarse mode







Smoke spreading over Europe regions, spring, 2006

Impurity concentrations in the surface air, Berezinsky Biosphere Reserve



**Sites of remote
monitoring of
atmosphere in the East
Europe area and around:**

-  - AERONET/PHOTONS
-  - EARLINET,
-  - Cis-LiNet,
-  - MPLNET sites,



SUMMARY

- - Fire smoke and its transport from Western Russian regions, Ukraine and, in to a lesser degree, Belarus became considerable ecological problem for Belarus, Poland, and Central and North part of Europe also.
- - Information about these events is claimed by administration of the service of environment protection. It is area for practical implementation of network activity. And not only fire smoke, but problem West-East pollution transport,
- - We will reach of high effectiveness in cooperative monitoring if groups involved obtain receive access to additional information about air pollution in the near-background layer in their regions.
- - The number of site that ready for such activity in the East Europe is quite insufficient. It situation should be changed.