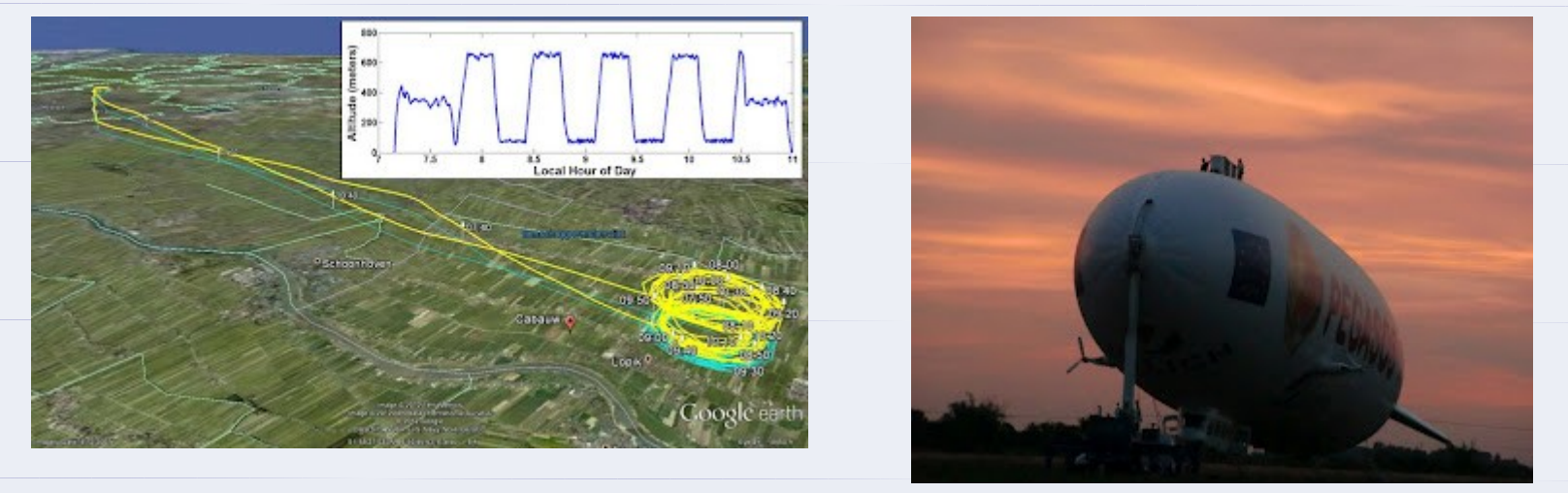




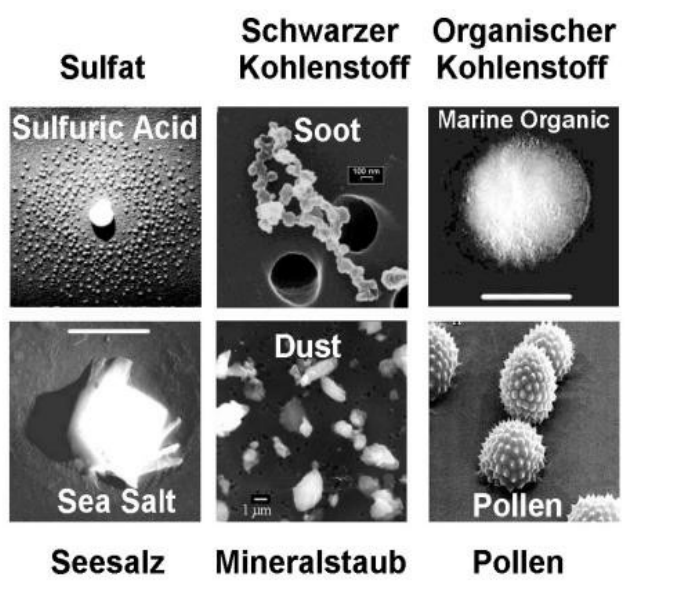
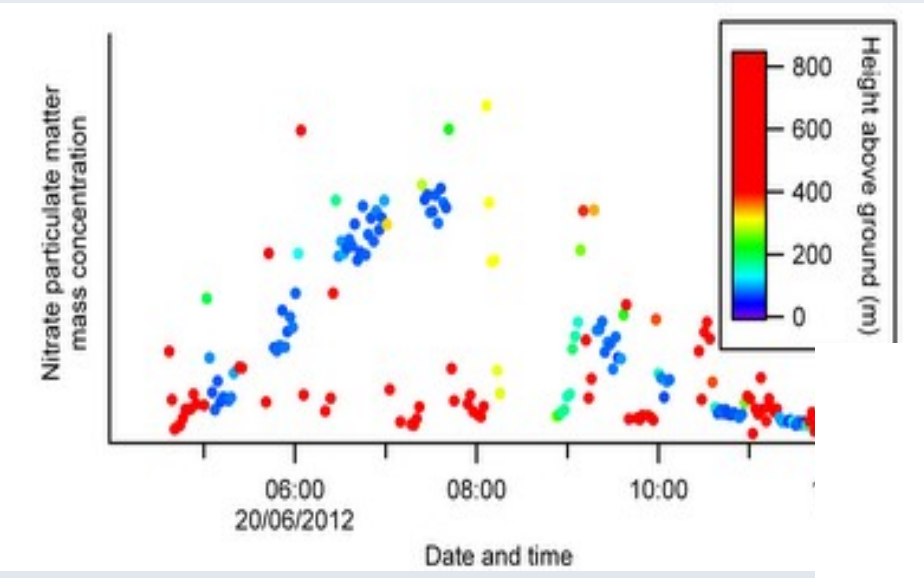
Student`s Measurements



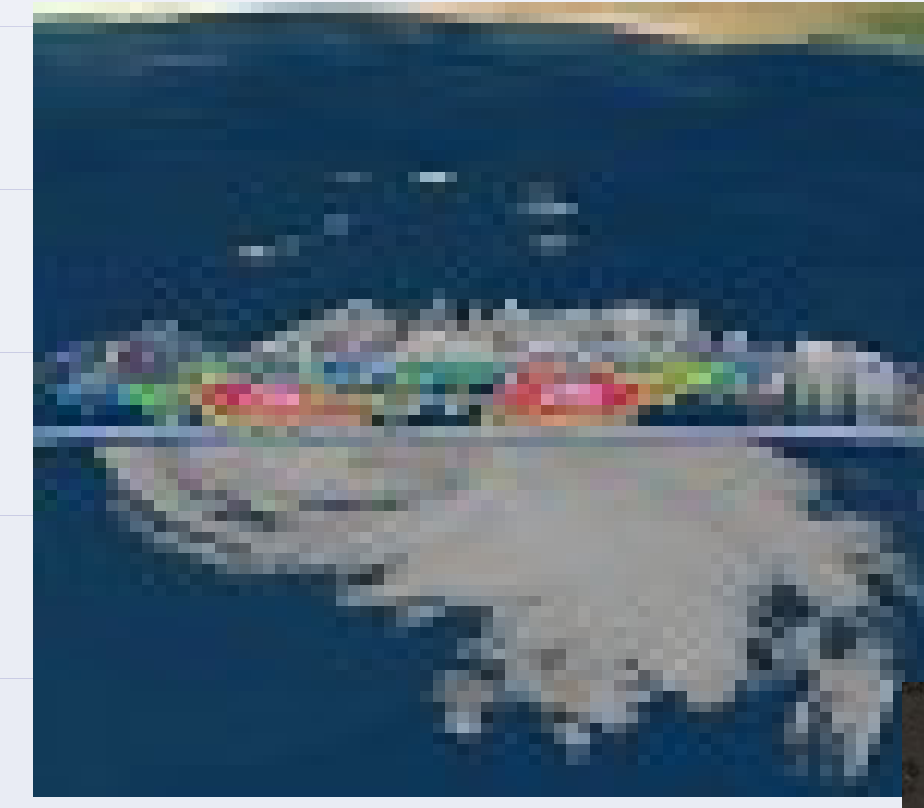
Zeppelins European Project Pegasos



Aerosols are in the focus of the European Project: Pan European Gas Aerosols Climate Interaction Study (PEGASOS) Aim of the project is better understanding of the interaction between aerosols, atmospheric chemistry and climate change.

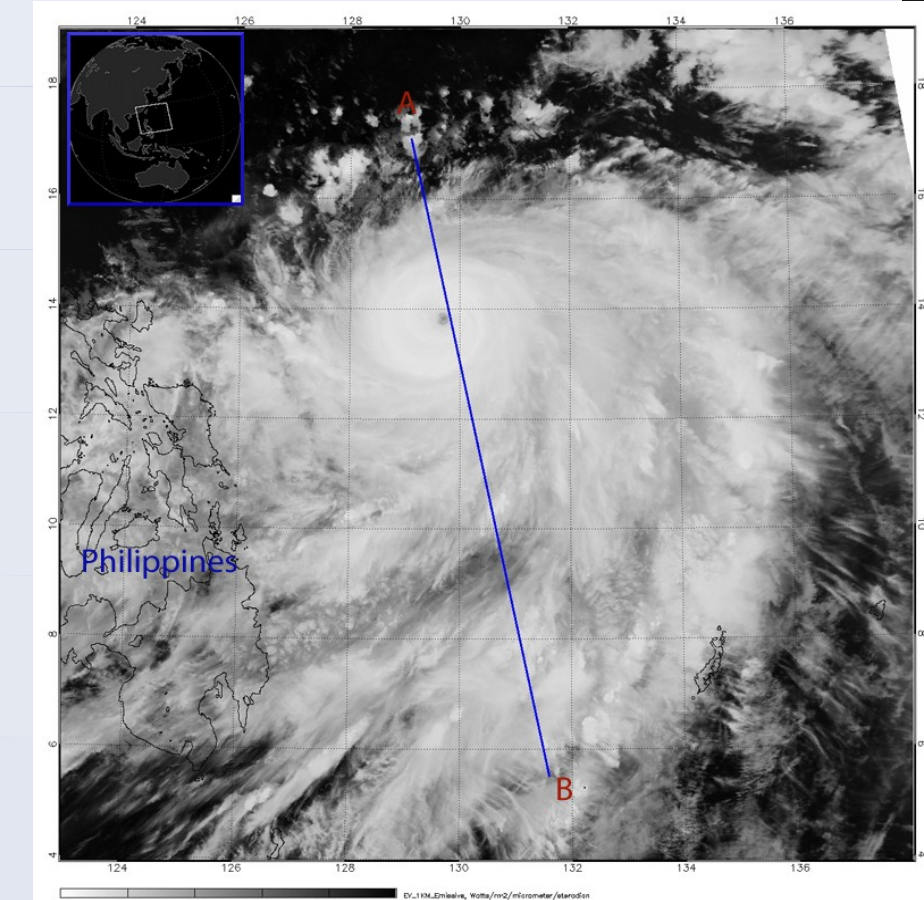


Satellites (Cloudsat and Calypso-Program for Students)

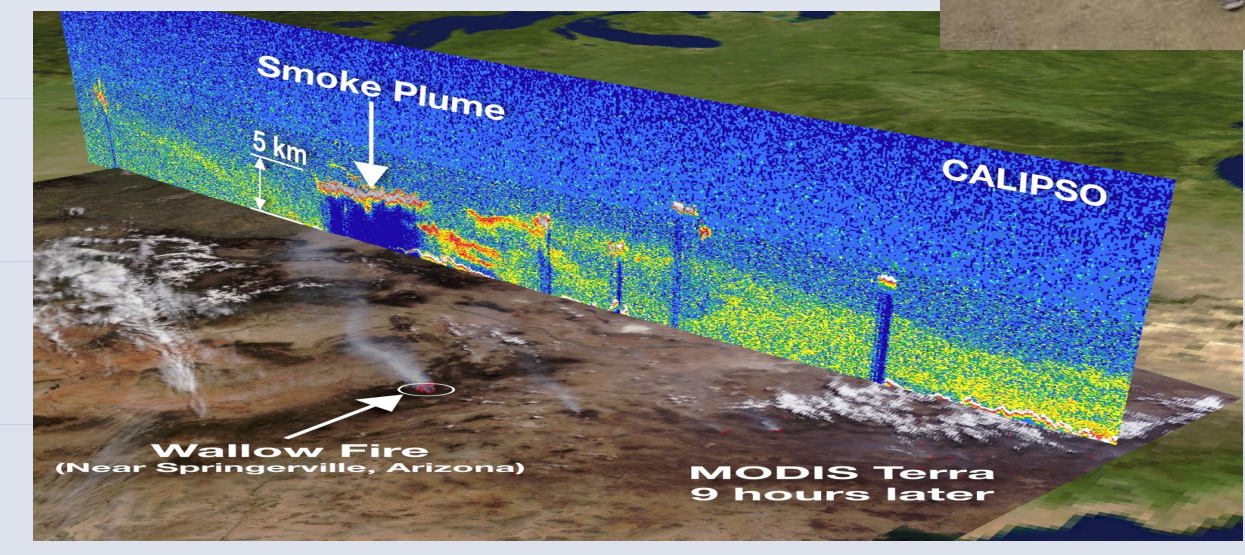


Since 2004

aerosols and clouds



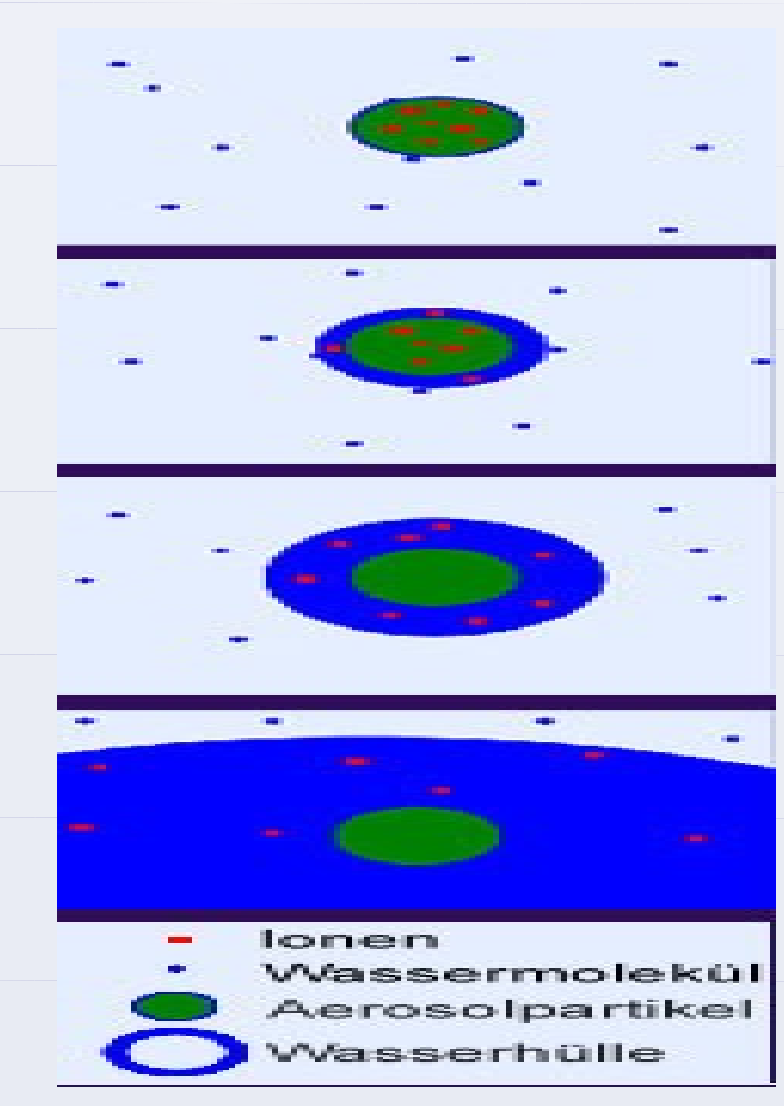
and by students



are observed by scientists, satellites,



Some Results

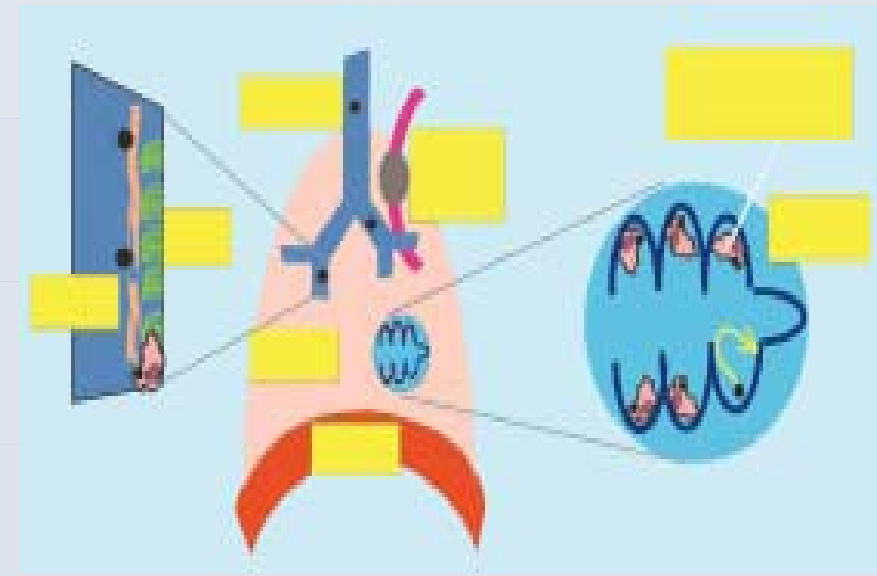


The density of aerosols in the clouds effects the rain intensity

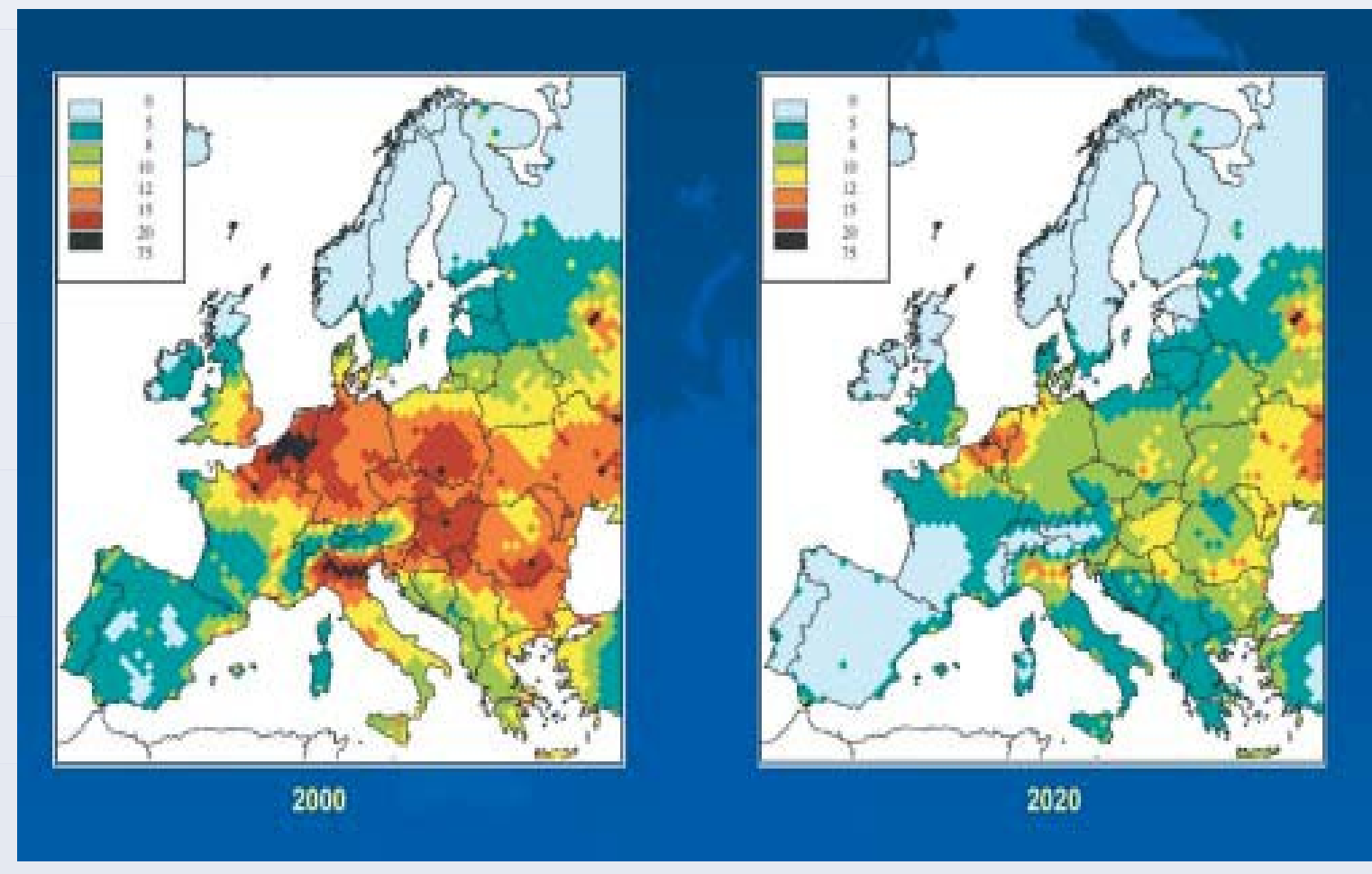
Aerosols help to cool down the atmosphere shortly, intensify the warming up on the long hand.



Epidemiology: clear connection between fine dust and mortality



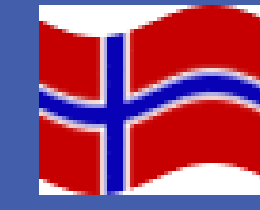
Some Effects



Average fine dust concentration in Europe



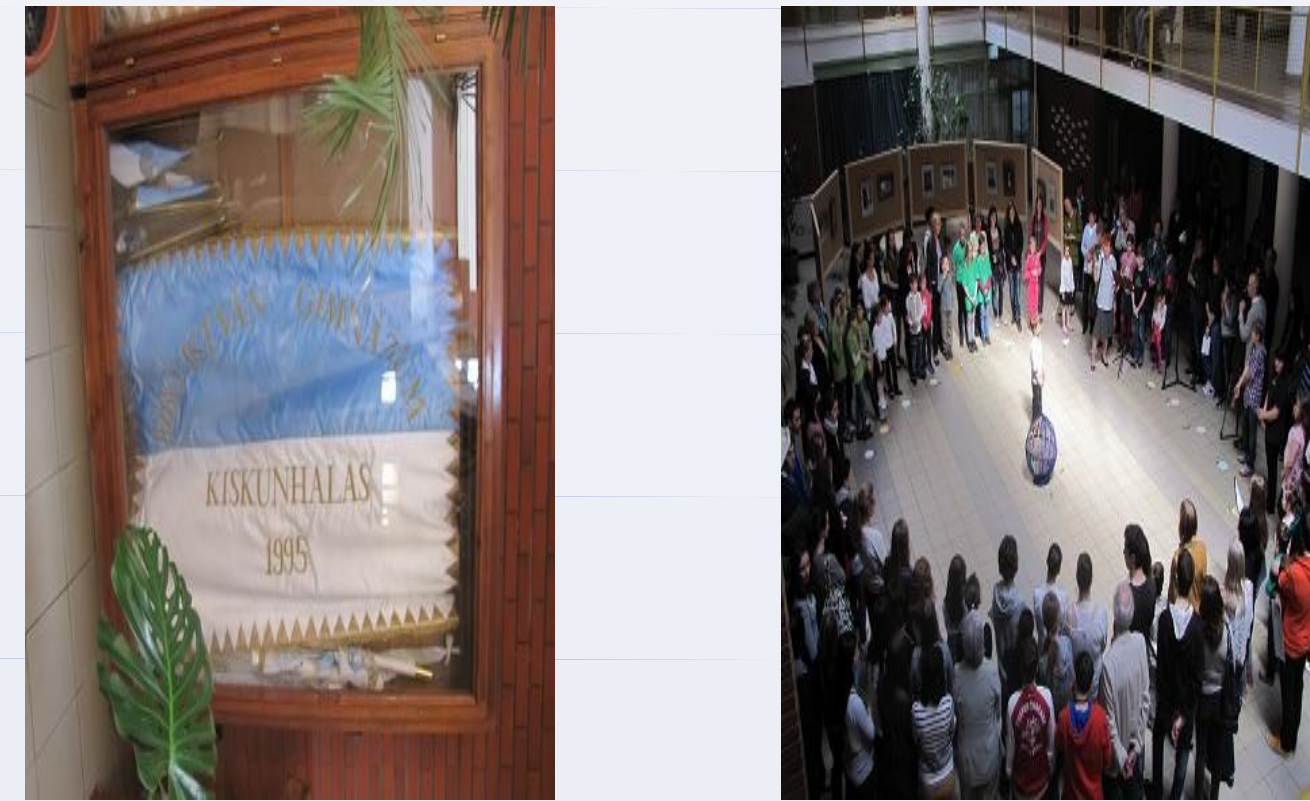
Fine dust is very different on the point of view of health. The increase of mortality is dependent on the size, the morphology, chemistry and mixture of fine dust.



Slavonski Brod Kroatia_a

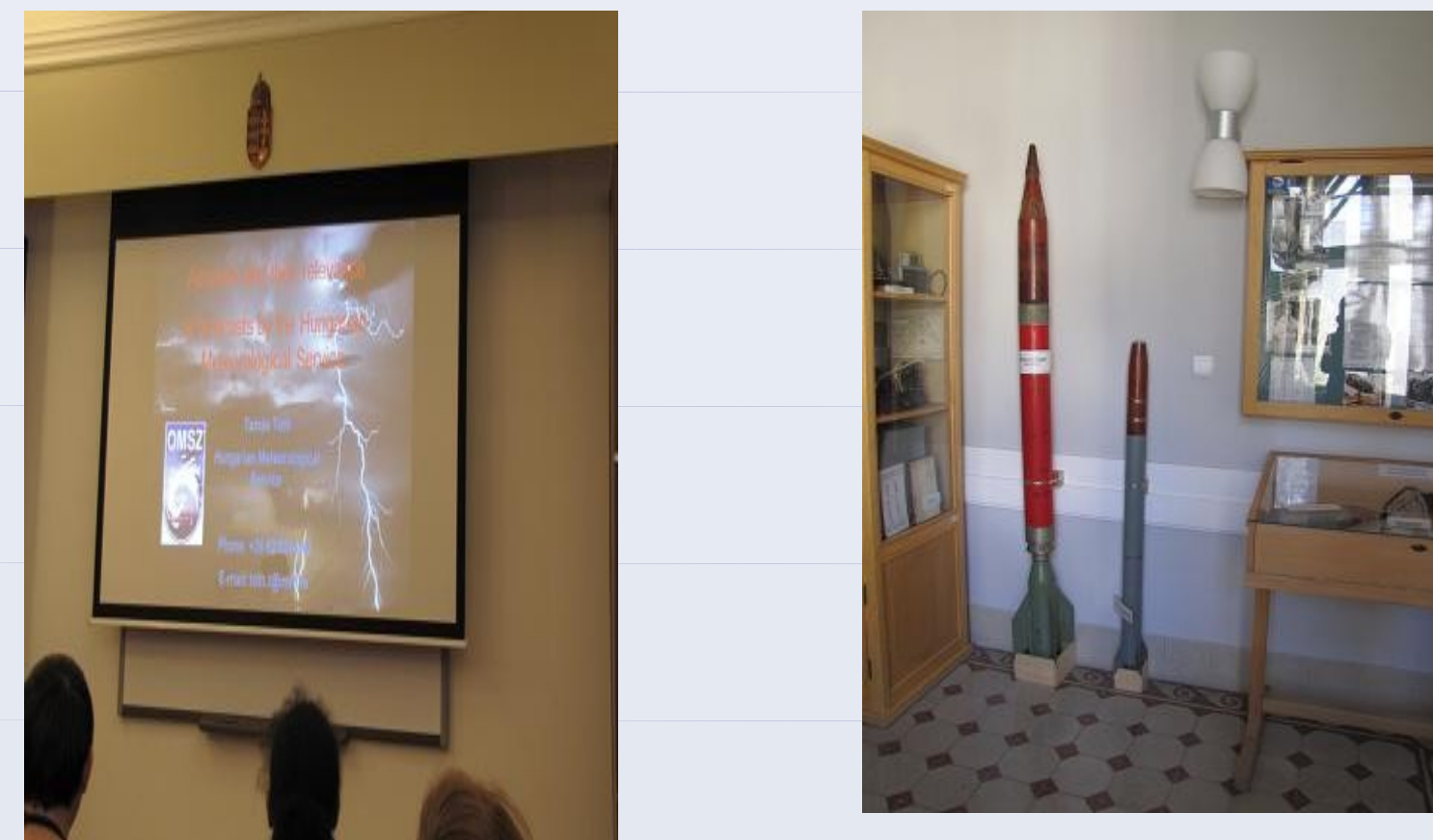


Kiskunhala Hungary



Die Schule

Tag der Erde



Im Institut für Meteorologie in Budapest

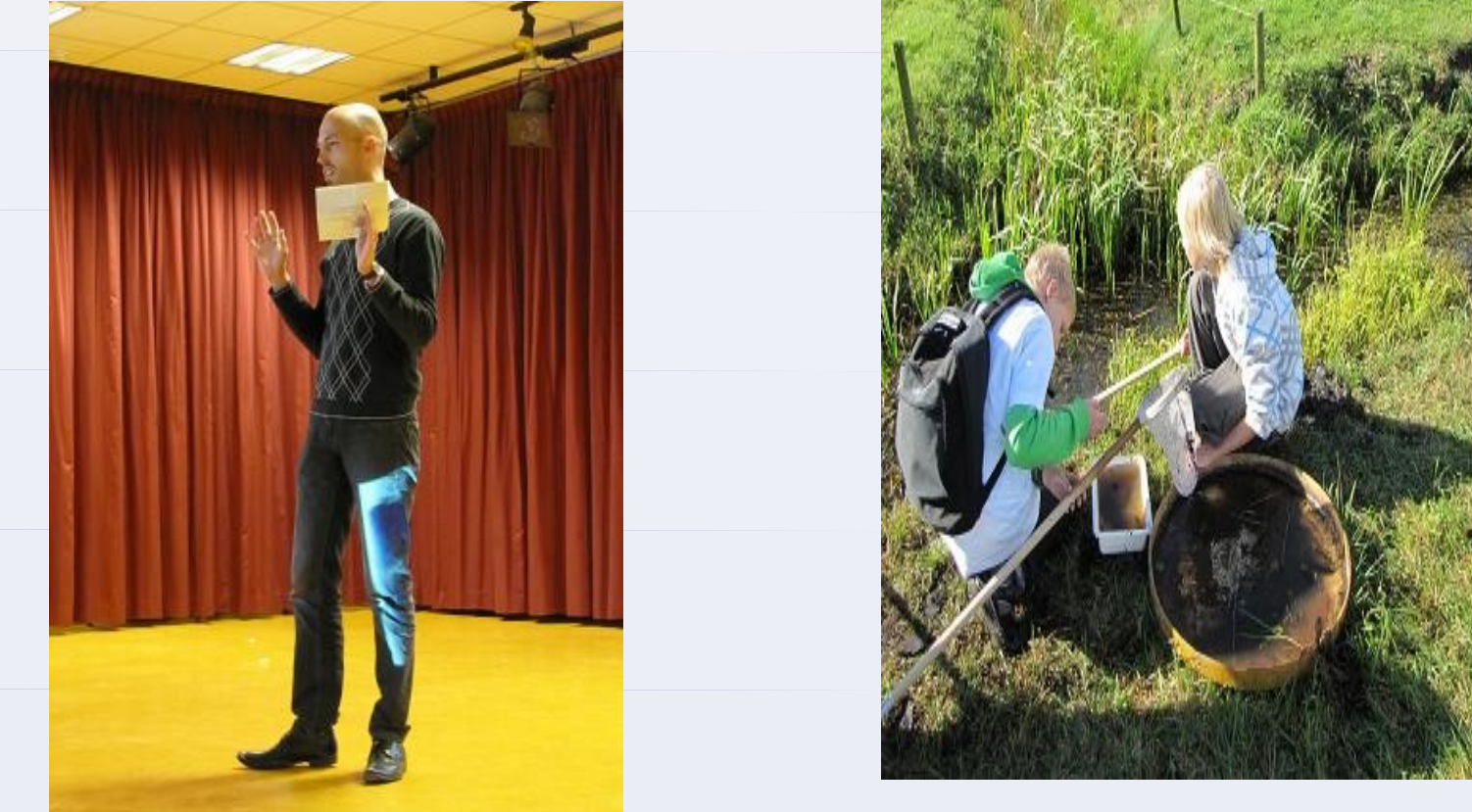


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WHAT



SHALL



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DO?

