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Environmental Chemistry

Atmospheric chemistry and pollution of the atmosphere including destruction of the ozone layer and acid rain. Climatic changes e.g. green-house gasses and global warming. Aquatic chemistry including drinking water, water pollution and remediation as well as the carbonate system, pE and redox reaction. Toxic heavy metals and their impact on the environment and health. Basic soil chemistry in relation to binding of heavy metals. Examples of organic pollutants 6. Fundamental soil chemistry related to binding of pollutants in Nature