

## **Geophysics in Polluted Site Remediation and Landfill Monitoring**

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The most used geophysical techniques in polluted site remediation and landfill monitoring are geomagnetics, gravimetry, geoelectrics and ground-penetrating radar. Geophysical applications serves for investigating the geology of the subsoil (stratigraphy, faults, hydrogeologic informations like flow direction and depth of groundwater) and the identification and localization of pollutants and their spreading. Some examples of polluted site investigations will be presented. An archaeological study where a combination of different geophysical techniques was set up and a project of monitoring water infiltration in a landfill by geoelectric tomography will be discussed in more detail.