

Environmental Monitoring

Goal

- Validation of simple, fast and cost-competitive devices in order to define the remediation targets, according to site-specific risk analysis.

Activities

- Use of hydrophobic materials or ion exchange resins to determine *in situ* the concentration of organic and inorganic contaminants in pore water.
- Demonstrate their validity as passive samplers by comparison with toxicological tests, in order to determine the bio-available fraction and to predict the bioaccumulation of pollutants.
- Development of risk-analysis software to determine site-specific remediation targets, using the analytical results provided by passive samplers.

