Arsenic Pollution Measured with an online Monitoring System using Daphnia

Arsenic is a common pollutant in many water reservoirs around the world and is the cause of human mortality in many countries. The microcrustacean Daphnia can be cultured easily and is sensitive to many toxic substances including As.

The Role of Microorganisms in Bioremediation- A Review

Bioremediation is a biological mechanism of recycling wastes in to another form that can used and reused by other organisms. Nowadays, the world is facing the problem of different environmental pollution. Microorganisms are essential for a key alternative solution to overcome challenges.

Metal (Loid)s in Farmland Soils and Strategies to Reduce Bioavailability

High concentrations of heavy metal (loid)s (HMs) in farmland soils reduces crop yield and contaminates the food chain.
Exposure to HMs in the diet results in several adverse health effects such as cancer, reproductive health problems and cardiovascular diseases. ...