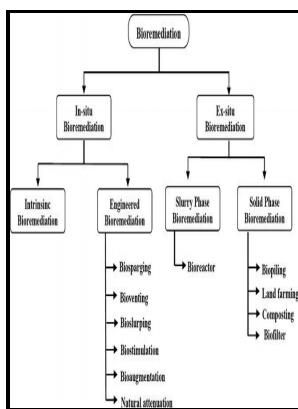


# Bioremediation of pollutants in soil and water

## ASTM - Bioremediation of Nitrate



Description: -

- Municipal finance -- United States -- Bibliography.
- Municipal finance -- Bibliography.
- Water -- Purification.
- Soil remediation.

Bioremediation.Bioremediation of pollutants in soil and water

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### Bioremediation for a cleaner environment

The field we are discussing in this article involves using bacteria, fungi, and other organisms as natural cleanup vessels for harmful contaminants, usually by having them be consumed and converted into a new, less toxic, form. Time Taking Process: Bioremediation takes longer time compare to other treatment options, such as excavation and removal of soil from contaminated site.

### Bioremediation of Nitrate

Hence there is no release of harmful secondary by-products in the environment. Nutrients especially fertilizers added to make active and fast microbial growth. The presence of these organic materials supports the development of a rich microbial population and elevated temperature characteristic of composting.

### Bioremediation of Nitrate

Anaerobic degradation of nonhalogenated homocyclic aromatic compounds coupled with Nitrate, Iron, or Sulfate reduction.

### Bioremediation

The hazardous compounds should be biologically transformed.

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