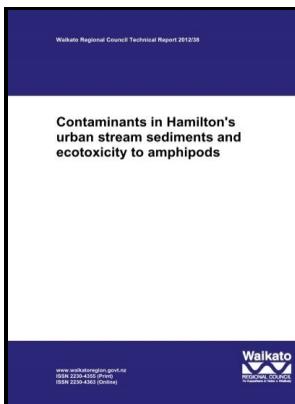


# Contaminants and sediments

## Ann Arbor Science - Contaminated Sediments



Description: -

- Water -- Pollution -- Congresses.
  - Contaminated sediments -- Congresses.
  - Dredging spoil -- Environmental aspects -- Congresses.
  - Contaminants and sediments
  - Contaminants and sediments
- Notes: Includes bibliographical references and indexes.  
This edition was published in 1980



Filesize: 32.63 MB

Tags: #Contaminants #in #sediments: #remobilisation #and #demobilisation

### 3. Processes

Organic matter invariably promotes aggregation of small assemblages produced by flocculation within aerobic and anaerobic environments as manifested by increased hydraulic conductivity and water movement. Transport of Contaminants on Particles Contaminants on soil and sediment particles can be transported along with the particles themselves, via entrainment in moving water or air.

#### **Emerging contaminants (Rh, Pd, and Pt) in surface sediments from a Brazilian subtropical estuary influenced by anthropogenic activities**

At the request of the U.

#### **Contaminated Sediments**

These and related compounds produced from the enzymatic degradation of starch and other materials have been studied to determine whether they may significantly increase bioavailability and thereby enhance the biodegradation of low-solubility organic compounds. Electrostatic reactivity results from the development of charge, whether it be from isomorphic substitution in phyllosilicate minerals or from ionizable surface functional groups.

#### **Sediment Contamination**

Nondetrital organic matter that is insoluble in acid or base is termed humin, while that which dissolves in base is classified as humus.

#### **Contaminants in sediments: remobilisation and demobilisation**

Model lines reprinted, with permission, from Allen-King et al. For example, in Lake Michigan only 3 percent of the total polychlorinated biphenyl PCB pool is dissolved in the water column, with the bulk bound in bottom sediments Pearson et al. North Sea sediment PW did show effects in three and ten times diluted PW; besides that, ammonium concentrations in North Sea sediment PW were lower than in the more silty reference sediment Den Besten, personal communication.



---

## Related Books

- [Analytical mechanics for engineers - statics](#)
- [Souvenir Deutschland = Souvenir d'Allemagne = Souvenir book of Germany = Estampas de Alemania](#)
- [Aaargh! a celebration of comics - bumper souvenir catalogue.](#)
- [Tempo nas palavras](#)
- [Microeconomic issues of the 70s - exercises in applied price theory](#)