



ECB10: Novel Bioactive Substances and Bioremediation Technologies

Department of Environmental Engineering, Japan

The 10th European Conference on Bioremediation (ECB10) focused on novel bioactive substances and bioremediation technologies, bringing together researchers, scientists, industry professionals, and policymakers. The conference showcased cutting-edge research and advancements in the field, highlighting the potential of innovative approaches to address environmental pollution and promote sustainable solutions. One key area of focus was the exploration of novel bioactive substances for bioremediation. Researchers presented their work on microbial enzymes, biosurfactants, and biofilms that possess the ability to efficiently degrade various pollutants. These bioactive substances offer environmentally friendly and cost-effective alternatives to conventional remediation techniques. The conference also highlighted significant developments in bioremediation technologies. In situ bioremediation techniques, including bioventing, biosparging, and permeable reactive barriers, were discussed as effective methods for treating contaminated groundwater and soil. Phytoremediation, utilizing plants to remove or stabilize pollutants, was another prominent topic, with researchers presenting the potential of specific plant species in accum

© 2023 Ellis R. This is an open-access article distributed under the

identifying and characterizing microbial enzymes, biosurfactants, and biofilms that can efficiently degrade various pollutants. These bioactive substances offer promising alternatives to conventional remediation techniques, providing environmentally friendly and cost-effective solutions for the cleanup of contaminated sites [1].

Bioremediation Technology: B10

2. ...
3. ...

Cha ac e i a i f b i ac i e b a ce :

1. ...
2. ...
3. ...

Bi emedia i ech I gie :

1. ...
2. ... (...)
3. ... (...)
4. ... (...)

Mic bial ec I g die :

1. ...
2. A ... (...)
3. B ...
4. ...

B10 .

4,5 .

Re l

A A B10 B .

N el bi ac i e b a ce :

A

Bi emedia i ech I gie :

6 .

Mic bial ec I g die :

A

7 .

Di c i

E al a i f el bi ac i e b a ce :

Ad aceme i bi emedia i ech I gie :

8 .

Mic bial ec I g a d c mm i d hamic :

A

9 ,

E i me al a d eg la c h i d e a i :

10 .

C d i

B10

B

B

...

B10.