

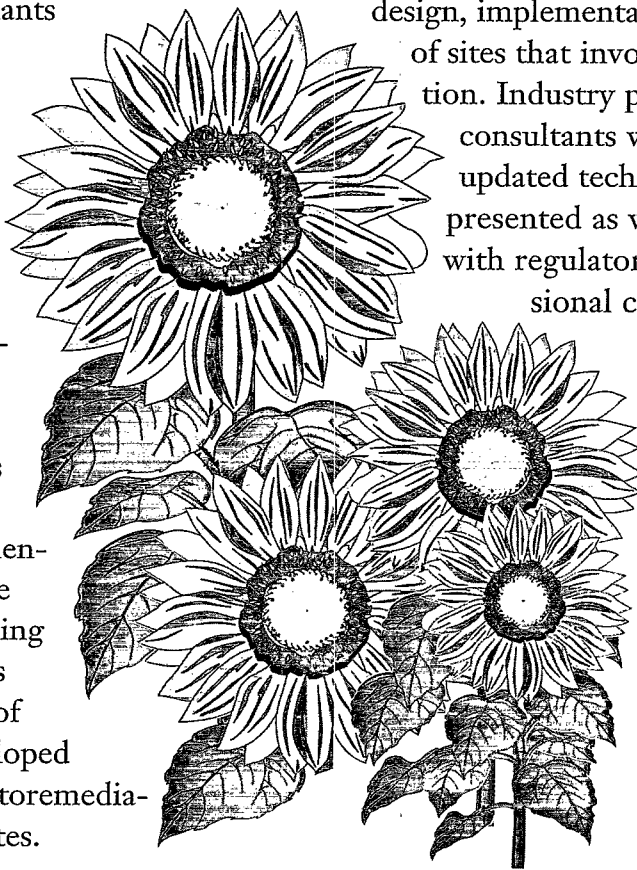


## Phytoremediation: State of the Science Conference

May 1-2, 2000 • The Omni Parker house • Boston • Massachusetts  
(at Tremont and School Streets in Boston)

### PURPOSE

Phytoremediation is the use of certain plants to clean up soil, sediment, and water contaminated with metals and/or organic contaminants such as crude oil, solvents, and polyaromatic hydrocarbons (PAHs). Phytoremediation can reduce remedial costs, restore habitat, and clean up contamination in place. Research has been proceeding for many years to identify and optimize plants that can clean contaminants from groundwater, surface water, and soil. This conference will present the state of the science and engineering advances in phytoremediation. Site managers and regulators need to have comprehensive and reliable information available on how to evaluate proposals containing phytoremediation. To meet the needs of this target audience, EPA's Office of Research and Development has developed a 2-day conference on the use of phytoremediation for remediating contaminated sites.



### AUDIENCE

This conference is designed to assist professionals in the regulatory community in overseeing the design, implementation and monitoring of sites that involve phytoremediation. Industry professionals and consultants will benefit from the updated technical information presented as well as the interaction with regulators and other professional colleagues.

### RTDF Annual Phytoremediation Action Team Meeting

The Remediation Technology Development Forum (RTDF) is a public-private partnership to develop and evaluate innovative technology for environmental clean-up. The Phytoremediation Action Team is dedicated to the use of plant-based technologies and techniques for destroying or containing hazardous waste.

Following the Phytoremediation Conference, there will be an annual meeting, open to any interested parties. The Vegetative Cover and the Petroleum Hydrocarbons sub-groups will present and discuss their progress in installing test facilities, assessing methods and data collected to date, building relationships with regulators, and planning future work.

# Phytoremediation State of the Science Conference

Note: All sessions consist of 25 minute presentations and a 10 minute Q&A session.

**MAY 1, 2000**

<b>8:00 - 8:30 am</b>	<b>Registration</b>
<b>8:30 - 10:45 am</b>	<b>Session I: Introduction and Plenary</b>
<b>10:45- 11:00 am</b>	<b>Break</b>
<b>11:00- 12:30 pm</b>	<b>Session II: The Fate of Chlorinated Solvents During Phytoremediation</b>
<b>12:30 - 2:00 pm</b>	<b>Lunch (on own)</b>
<b>2:00 - 3:30 pm</b>	<b>Concurrent Sessions</b> <b>Session IIIA: Brownfields Applications</b> <b>Session IIIB: Radionuclides</b>
<b>3:30 - 3:45 pm</b>	<b>Break</b>
<b>3:45 - 5:30 pm</b>	<b>Concurrent Sessions</b> <b>Session IVA: Metals Treatment</b> <b>Session IVB: Fundamental Processes of Plants and Soil</b>
<b>6:00 pm - 8:00 pm</b>	<b>Evening Poster Session and Reception</b>

**MAY 2, 2000**

<b>8:00 - 9:50 am</b>	<b>Session V: Plume Simulations to Forecast Control and Treatment</b>
<b>9:50 - 10:05 am</b>	<b>Break</b>
<b>10:05 -11:55 pm</b>	<b>Session VI: Plume Control: On the Ground Experience</b>
<b>11:55 - 1:15 pm</b>	<b>Lunch (on own)</b>
<b>1:15 - 3:30 pm</b>	<b>Session VII: Vegetative Covers</b>
<b>3:30 - 3:45 pm</b>	<b>Break</b>
<b>3:45 - 5:35 pm</b>	<b>Session VIII: Degradation of Organic Compounds in Soils</b>

## RTDF Annual Phytoremediation Action Team Meeting

**MAY 3, 2000**

<b>8:00 - 8:30 am</b>	<b>Registration</b>
<b>8:30 - 12:00 noon</b>	<b>Morning Session: Phytoremediation of TPH</b>
<b>12:00 noon- 1:00 pm</b>	<b>Lunch (on own)</b>
<b>1:00 pm - 5:00 pm</b>	<b>Afternoon Session: Alternative Cover Assessment Program</b>

# REGISTRATION

## EPA PHYTOREMEDIATION CONFERENCE AND RTDF ANNUAL PHYTOREMEDIATION ACTION TEAM MEETING

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: (      ) \_\_\_\_\_ Fax: (      ) \_\_\_\_\_

Email: \_\_\_\_\_

- ☐ I will attend the Phytoremediation State of the Science Conference on May 1-2, 2000.  
☐ I will attend the Annual RTDF Phytoremediation Action Team meeting on May 3, 2000.

Mail this registration form to:

Attn: Lauren Lariviere, ERG, 110 Hartwell Avenue, Lexington, MA 02421

Fax the registration form to 781-674-2906.

You may also register online at:

[www.erg.com/phyto.htm](http://www.erg.com/phyto.htm)

There is no registration fee for either meeting. Advance registration accepted until April 21, 2000 or until maximum capacity is reached.

### CONFERENCE SPACE LIMITATION

Space available for the conference is limited to 200 participants. Space available for the RTDF action team meeting is limited to 100 participants.

### HOTEL INFORMATION

A block of rooms has been reserved for conference participants at the Omni Parker House Hotel. The conference rate is \$192 plus 12.45% tax single or double per night. These rooms will be issued on a first-come, first-served basis and held until April 7, 2000. After this date rooms will be on a space- and rate- available basis only. To make your room reservations, please contact the hotel directly at 617-227-8600 and request the EPA Phytoremediation Group Rate. The Omni Parker house is located at Tremont and School Streets in Boston, within walking distance of Beacon Hill, Boston Common, the waterfront and many historical and cultural attractions.

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