



# Accessing EPA

## To Develop Environmental Technologies

### MAKING INITIAL CONTACT

This brochure is intended to help environmental technology developers take advantage of the full range of assistance and cooperative partnerships offered by EPA. It briefly describes the interests and role of each major EPA office in encouraging the development and use of innovative technologies for pollution prevention, pollution control, and remediation. Each of these offices has identified an *Innovative Technology Advocate* to serve as the developer's initial point of contact and source for information relative to EPA program areas. The network of advocates identified in this brochure is intended to help you find the information you need or to direct you to appropriate persons.

In general, users of environmental technology in industrial and other commercial settings will need to discuss technological innovations in production processes in the context of permits, compliance situations, or other enforcement proceedings. That type of site-specific assistance is best provided by the appropriate EPA Regional Office listed at the end of this brochure.

**AIR TECHNOLOGY** - The Office of Air and Radiation (OAR) has recognized that the ambitious goals of the new Clean Air Act will not be achieved without dramatic innovations in pollution control technology. OAR is attempting to encourage innovation through regulatory flexibility, emphasizing performance standards and market-based approaches to create a level playing field for all technologies; pilot demonstrations; information transfer through its Control Technology Center; and "green programs," a series of economic incentives to encourage voluntary reductions in energy use and air pollution.

Innovative Technology Advocate:  
Stephen Harper  
202/260-5580  
202/260-9766 (fax)

**REMEDIATION TECHNOLOGY** - The Technology Innovation Office (TIO) in the Office of Solid Waste and Emergency Response (OSWER) promotes the acceptance and use of innovative soil, sediments, and groundwater remediation technologies. TIO is active in construc-

ting public-private partnerships to demonstrate the performance of remediation technologies at Federal facilities. Providing performance and cost data on innovative technologies needed by project managers and helping to reduce regulatory disincentives also are major activities of the office.

Innovative Technology Advocate:  
Walter W. Kovalick, Jr.  
703/308-8800  
703/308-8528 (fax)

**INTERNATIONAL MARKETS** - The Office of International Activities (OIA) coordinates programs that aspire to improve the global environment by making innovative environmental technologies available to the international community. The *Environmental and Energy Efficient Technology Transfer Clearinghouse*, for instance, offers users extensive vendor and technical information on a spectrum of environmental technologies and methods. The U.S. Environmental Training Institute unites U.S. corporations and overseas executives for training courses

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on specific environmental solutions. OIA also supports the capacity-building activities in Eastern Europe, the former Soviet Union, Asia, Latin America, and the Caribbean. And OIA is looking at ways EPA can help U.S. business capitalize on the \$200 to \$300 billion global market for environmental goods and services. In short, OIA works to match worldwide environmental needs with effective solutions.

Innovative Technology Advocate:  
Julia Gallagher  
202/260-0769  
202/260-4470 (fax)

**PESTICIDES, TOXICS, and PREVENTION** - The Office of Pollution Prevention and Toxics (OPPT) established the Design for Environment program as part of its effort to foster the development of safer chemicals and cleaner technologies. The program evaluates alternatives for preventing the generation of wastes or releases containing toxic chemicals. OPPT provides the chemical assessment expertise in this program, and industry provides the performance data necessary to choose cost-effective, safer methods for delivering a product or service. Through this program, OPPT also works with industry and the public to promote the adoption of cleaner technologies and provides industry with analytical tools to assess its own processes. The Office of Pesticide Programs (OPP) evaluates emerging technologies at its laboratories in Maryland and Mississippi and promulgates interim policies regarding their use. The program seeks to identify more cost-effective technologies to support studies sent to the Agency for registration and/or re-registration actions.

Innovative Technology Advocates:  
Joe Carra (OPPT)                      Al Jennings (OPP)  
202/260-1815                              703/308-8200  
202/260-1764 (fax)                      703/308-8091 (fax)

**RESEARCH AND DEVELOPMENT** - The Office of Research and Development (ORD) promotes the development and use of innovative technologies to solve or prevent environmental problems that threaten human health or the environment. Within ORD, the Office of Environmental Engineering and Technology Demonstra-

tion (OEETD) conducts programs to evaluate promising technologies and to partner with others in their development. ORD also develops and manages information clearinghouses and extensive technology transfer activities.

Innovative Technology Advocate:  
Fred Lindsey  
202/260-2600  
202/260-3861 (fax)

**ENFORCEMENT POLICIES** - The Office of Enforcement (OE) has developed an *Interim Policy on Pollution Prevention and Recycling in Enforcement Settlements*, which will be expanded to address innovative technologies. Opportunities for the use of innovative technology in the context of enforcement negotiations should be raised with appropriate State and EPA Regional officials involved in the settlement negotiations. For copies of the policy and general questions not related to a specific enforcement case, contact the OE Innovative Technology Advocate. Innovative methods for monitoring compliance also are important to the enforcement function. Proposals and inquiries related to improving compliance monitoring capabilities may be directed to the specific program offices, the Office of Research and Development, or the OE Innovative Technology Advocate. Within OE, the Office of Federal Facilities Enforcement (OFFE) fosters the development, demonstration, and validation of innovative technologies and develops related policies for Federal facilities.

Innovative Technology Advocates:  
Cheryl Wasserman (OE)              James Edward (OFFE)  
202/260-7550                              202/260-8790  
202/260-7553 (fax)                      202/260-9437 (fax)

**WATER TECHNOLOGY** - The Office of Water (OW) manages the surface water quality, groundwater, and drinking water programs under the authorities of the Clean Water Act and the Safe Drinking Water Act. Within OW, the focus is on innovative solutions to the drinking water and wastewater problems facing small communities. The low-cost Small System Technology Initiative involves identifying, demonstrating, facilitating approval of, and marketing innovative drinking water technologies. A clearinghouse for wastewater technology, and another for drinking water equipment, are supported by OW and

The EPA Innovative Technology Council (ITC) is an internal EPA advisory and advocacy group dedicated to fostering the development, commercialization, and use of innovative environmental technologies. It is composed of senior level advocates from each of the Agency's program offices. The Council was created to foster cooperation and partnership between EPA, private developers and vendors, and other government agencies to advance technology development and acceptance. The ITC was born out of the notion that EPA needs to assume a broader role as an advocate and partner with the private sector and other government agencies to pursue new solutions to environmental problems. The ITC fulfills its mission by coordinating the Agency's technology advocacy goals and aggressively seeking opportunities to leverage private and Federal investments in these technologies.

located at West Virginia University. They provide technical assistance to water and wastewater management authorities with a focus on innovative technologies. OW also is sponsoring several initiatives focusing on innovative methods to conserve water resources.

**Innovative Technology Advocate:**

Jim Hanlon  
202/260-5400  
202/260-5394 (fax)

**POLLUTION PREVENTION** - The Pollution Prevention Policy Staff (PPPS), in the Office of the Administrator, is

working to build into EPA's policies the idea that pollution prevention is the preferred option for reducing risk. One aspect of this is establishing within EPA a philosophy, policies, and programs that favor the development and use of innovative pollution prevention technologies and techniques. The PPPS is helping EPA explore and adopt effective policies that are friendly to innovation and pollution prevention.

**Innovative Technology Advocate:**

David R. Berg  
202/260-2182  
202/260-8511 (fax)

## DEVELOPMENT ASSISTANCE

A number of EPA programs provide financial assistance to innovative technology developers and users to support development, testing, and demonstration. Information about these programs can be obtained by contacting:

**Small Business Innovative Research (SBIR) and Exploratory Research Grants:**

Office of Exploratory Research  
U.S. EPA  
401 M Street, SW, RD-675  
Washington, DC 20460  
202/260-7899

**Superfund Innovative Technology Evaluation (SITE):**

John Martin  
EPA Risk Reduction Engineering Laboratory  
26 W. Martin Luther King Drive  
Cincinnati, OH 45268  
513/569-7696

**Cooperative Research & Development Agreements (CRDAs):**

Larry Fradkin  
Office of Science Planning and Regulatory Evaluation  
26 W. Martin Luther King Drive, RM-175  
Cincinnati, OH 45268  
513/569-7960

**Scientific and Technical Information Exchange:**

Calvin Lawrence  
Center for Environmental Research Information (CERI)  
26 W. Martin Luther King Drive, G-75  
Cincinnati, OH 45268  
513/569-7391

**Ground-Water Technology Demonstrations:**

Dick Scaff  
Robert S. Kerr Environmental Research Laboratory  
P.O. Box 1198  
Ada, OK 74820  
405/436-8580

## SITE-SPECIFIC ADVICE

The EPA Regions and/or States manage all environmental permit and compliance programs. Questions related to technological innovations at specific sites should be discussed with the appropriate EPA Regional and State officials rather than the headquarters advocates. The EPA Regional offices are:

**U.S. EPA Region 1**

(Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont)  
John F. Kennedy Federal Building  
One Congress Street  
Boston, MA 02203  
617/565-3420

**U.S. EPA Region 2**

(New Jersey, New York, Puerto Rico, Virgin Islands)  
Peter Moss  
Jacob K. Javits Federal Building  
26 Federal Plaza  
New York, NY 10278  
212/264-4703

**U.S. EPA Region 3**

(Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia)  
841 Chestnut Building  
Philadelphia, PA 19107  
215/597-9800

**U.S. EPA Region 4**

(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)  
345 Courtland Street, NE  
Atlanta, GA 30365  
404/347-4727

U.S. EPA Region 5  
(Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)  
77 West Jackson Boulevard  
Chicago, IL 60604-3507  
312/353-2000

U.S. EPA Region 6  
(Arkansas, Louisiana, New Mexico, Oklahoma, Texas)  
First Interstate Bank Tower at Fountain Place  
1445 Ross Avenue, 12th Floor, Suite 1200  
Dallas, TX 75202-2733  
214/655-6444

U.S. EPA Region 7  
(Iowa, Kansas, Missouri, Nebraska)  
726 Minnesota Avenue  
Kansas City, KS 66101  
913/551-7000

U.S. EPA Region 8  
(Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)  
999 Eighteenth Street, Suite 500  
Denver, CO 80202-2405  
303/293-1603

U.S. EPA Region 9  
(Arizona, California, Hawaii, Nevada, American Samoa, Guam)  
75 Hawthorne Street  
San Francisco, CA 94105  
415/744-1305

U.S. EPA Region 10  
(Alaska, Idaho, Oregon, Washington)  
1200 Sixth Avenue  
Seattle, WA 98101  
206/553-8562



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## To Develop Environmental Technologies

*"Nurturing the development and use of innovative environmental technologies is a vital investment in our Nation's future environmental and economic well being."*

*... Carol M. Browner  
Administrator, U.S. EPA*

United States  
Environmental Protection Agency  
National Center for Environmental Publications and Information  
Cincinnati, OH 45242

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