

Section VI: Current and Future Trends in Preventing Water Pollution

Section summary

Ameliorating conditions and taking preventive measures to reduce pollutants found in ground and surface waters are covered from toxic chemical pollutants resulting from natural sources such as arsenic and lead to anthropogenic sources. Preventive measures are discussed.

[Intelligent Robotic Fish Detect Pollution](#)

SHOAL, the pan-European ICT project, partly funded by the EU, has successfully developed and delivered intelligent robotic fish capable of working together to detect and identify pollution in ports and other aquatic areas.

[Simple Tool Helps Companies Address Water Risks](#)

A global online tool launched today, March 28, 2012, by [WWF](#) and German development finance institution DEG ([Deutsche Investitions-und Entwicklungsgesellschaft mbH](#)) enables companies and investors to address their water-related risks. WWF and DEG have created a practical online questionnaire that not only identifies water risk in supply chains and investment portfolios, but also provides practical steps to mitigate risk.

[International Water Management Institute \(IWMI\) named 2012 Stockholm Water Prize Laureate](#)

The International Water Management Institute (IWMI), with headquarters in Colombo, Sri Lanka, has been named the 2012 Stockholm Water Prize Laureate for their pioneering research that has served to improve agriculture water management, enhance food security, protect environmental health and alleviate poverty in developing countries.

[US EPA and Department of Veterans Affairs to Connect Veterans with Jobs in Water Sectors](#)

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Veterans Affairs (VA) Vocational Rehabilitation and Employment Program agreement announced today allows EPA and VA to connect qualified veteran employees with staffing needs at water and wastewater utilities. EPA and the VA will work with water utilities, states and local VA counselors to promote water sector careers and resources for finding water jobs for veterans as well as educational programs to help veterans' transition into careers in water industries.

[Mobile Phone Innovation to Test Water Quality Wins Stockholm Junior Water Prize](#)

Alison Bick has developed a low-cost portable method to test water quality using a mobile phone.

[Scientist Receives 2011 Stockholm Water Prize for Work to Save Lakes](#)

Stephen R. Carpenter, Professor of Zoology and Limnology at the University of Wisconsin-Madison, USA, received the 2011 Stockholm Water Prize by H.M. King Carl XVI Gustaf of Sweden for his groundbreaking research that showed how lake ecosystems are affected by the surrounding landscape and human activities.

[US EPA Halts Disposal of Mining Waste to Appalachian Waters at Proposed Spruce Mine](#)

The EPA on January 13, 2011 announced that it will use its authority under the Clean Water Act to halt the proposed disposal of mining waste in streams at the Mingo-Logan Coal Company's Spruce No. 1 coal mine.