

## Section III: Water Resources

### Section summary

This section addresses means of accessing clean water and preventing contamination of water. It includes case studies on innovative and successful solutions that include traditional and innovative means of achieving clean water and ways of protecting water supplies.

#### [PepsiCo Receives the 2012 Stockholm Industry Water Award](#)

PepsiCo received the Stockholm Industry Water Award at the 2012 [World Water Week](#) in Stockholm for its work to reduce water consumption in their operations and to help solve water challenges on a broad scale.

#### [Green Investments in Water Help Human Health Food Security and Economic Growth](#)

Investing 0.16 per cent of global GDP in the water sector could reduce water scarcity and halve the number of people without sustainable access to safe drinking water and basic sanitation in less than four years, according to United Nations research released on August 25, 2011.

#### [Free Scholarly Journal Articles and Global Health DVDs Offered to University Libraries, Institutions and Organizations in 138 Countries](#)

**Update of April 22, 2013: Distribution completed in 29 countries.**

The [Global Development And Environment Institute](#) (GDAE) at Tufts University, co-directed by Dr. Neva Goodwin, has released an extraordinary collection of publications in the social and environmental sciences and global health and is now distributing it for free to universities in 138 nations, with special attention to those institutions that are most in need of library resources.

#### [Aditi Mukherji Research Results Make it Easier for Farmers to Access Water in West Bengal and Wins Norman Borlaug Award](#)

Aditi Mukherji, a senior social scientist based in [International Water Management Institute](#) (IWMI) Delhi office, has been announced as the first ever winner of the Norman Borlaug Award for Field Research and Application. The \$10,000 award, endowed by the Rockefeller Foundation, will be presented on October 17, 2012, in Des Moines, Iowa, by the World Food Prize Foundation.

#### [Singapore Students Win 2012 Stockholm Junior Water Prize](#)

The winners were students Luigi Marshall Cham, Jun Yong Nicholas Lim and Tian Ting Carrie-Anne Ng from Singapore for their research on how clay can be used to remove and recover pollutants from wastewater. A Diploma of Excellence was given to Alonso Alvarez and Daniel Barrientos from Chile for their project which outlined how salmon waste from the fishing industry can be used for biofuel production.

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#### [Finding Means to Meet Water and Food Needs at 2012 World Water Week](#)

The 2012 [World Water Week](#) (WWW) in Stockholm, Sweden, organized by the [Stockholm International Water Institute Stockholm](#) (SIWI), undertook the task of addressing crucial concerns focusing on "Water and Food Security," with publications and videos prepared in advance to provide background and to stimulate conversations among the 2,500 WWW participants in order to build on knowledge what is successfully working and to advance positive action.

#### [WASH Media Award Winners Recognized for Excellence in Reporting](#)

The six winners of the WASH Media Award for excellence in reporting on Water, Sanitation and Hygiene-related (WASH) Issues received their awards during a ceremony on 31 August 2012 at the World Water Week (WWW) in Stockholm, Sweden. During the week, the journalists shared their experiences on reporting WASH issues with leading water, sanitation, environment and development experts.

#### [Global Leaders are Convening at World Water Week to Confront Growing Water and Food Insecurity](#)

Over 2500 politicians, business leaders, and representatives of 200 international organizations are meeting at the World Water Week in Stockholm, August 26-31 2012, where they are working to share knowledge of solutions and to forge new solutions to meet rapidly escalating demands for limited water and land from all sectors of the economy.

#### [Study Finds Grazing by Wild Animals Like Zebra Doesn't Always Harm, and May Help, Livestock Like Cattle](#)

African ranchers often prefer to keep wild grazers like zebras off the grass that fattens their cattle. But a new study by Kenyan and [University of California at Davis](#) researchers shows that grazing by wild animals doesn't always harm, and may sometimes benefit, cattle.

#### [Somalia: MSF Fighting Against Cholera, Measles, and Malnutrition](#)

[Doctors Without Borders/Médecins Sans Frontières](#) (MSF) is currently battling outbreaks of cholera and measles in and around the town of Marere in southern Somalia.

#### [US EPA Launches Green Products Web Portal for Pollution Prevention Week](#)

The EPA is observing Pollution Prevention (P2) Week, September 19-25, 2011, by launching a new tool designed to provide Americans easy access to information about everyday products like home appliances, electronics and cleaning products that can save money, prevent pollution and protect people's health.

#### [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.

#### [Tokelau Declares Shark Sanctuary](#)

Matt Rand, director of Global Shark Conservation for the Pew Environment Group, issued the following statement on 7 September 2011 in response to the shark sanctuary designation made by Tokelau, an island territory in the South Pacific.

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#### [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.

#### [World Water Week Opens with Global Leaders Calling for Green Investments to Secure Water for Future Cities](#)

Global leaders convening at the opening session of the [2011 World Water Week](#) in Stockholm called for increased investments in disaster-resilient infrastructure and smarter water management to avoid droughts, floods and pollution from further threatening the food, energy, and water security in a rapidly urbanizing world.

#### [The Ripple Effect Collaborative Project Helps Improve Access to Safe Drinking Water](#)

The Ripple Effect project is a collaboration between Acumen Fund, IDEO and organizations in India and Kenya to improve access to safe drinking water for the world's poorest and underserved people.

#### [Close to One Million Water Filters Delivered to Rural Kenyans in Lifestraw Carbon For Water Program](#)

Nearly 900,000 LifeStraw® Family water filters will be installed in almost all households in the Western Province of Kenya thanks to a program which began on 26 April 2011.

### [Cook+Fox Architects Create Buildings Designed to Restore, Regenerate, and Contribute To The Urban Environment](#)

Cook+Fox Architects are finding ways to achieve their vision of integrated, environmentally responsive design inspired by concepts such as Biophilia. They not only incorporate Leadership in Energy and Environmental Design (LEED) criteria, but seek to go beyond those standards as they design to restore, regenerate, and contribute to the urban environment.

### [Residential Project Achieves High Standard for Green, Affordable Urban Development](#)

In the midst of a South Bronx, New York City neighborhood known for blight, poverty, pollution and crime, families are now moving into a very special residential complex named Via Verde, The Green Way, that was designed for healthy living.

### [Book “Water Ethics” Calls for Use of Practical Wisdom from Different Cultures to Address Water Crisis](#)

Peter Brown and Jeremy Schmidt’s book “Water Ethics” proposes “...that we will need to think about water ecologically—as something that binds us together in a shared and interdependent world—and which we must all steward together,” and “... for that the practical wisdom accrued through centuries of different cultural approaches to water management should form the basis for ecologically sound water sharing practices.”