

World Plumbing Day 2015

For the sixth consecutive year, the world marked World Plumbing Day on 11 March.

World Plumbing Council Chairman, Sudhakaran Nair, said the importance of water as the key to our survival cannot be overstressed. "There is an alarming scarcity of clean, potable water. Demand for water across the globe for sanitation, domestic consumption, industry and agriculture already outstrips available supply and the gap is widening," he said.

"Forecasts anticipate an increase of 50-60 per cent in global demand for water by 2050. When combined with the reduction of the available supply of fresh water and strong competition for access to available resources, efficient water management has never been more crucial.

"The role of plumbers and the contribution that safe plumbing systems make to community health are vital," he said.

Sudhakaran believes the challenge is for plumbers to remain abreast of new public health risks. "We in the plumbing community have a crucial role in maintaining the health and wellbeing of citizens across the globe," he said. "The World Plumbing Council (WPC) strives to propagate water conservation and management, in partnership with other international organisations such as the World Health Organisation, World Skills Foundation and World Green Building Council. The WPC envisions a world that is more sustainable and equitable for people across communities."

Sudhakaran explained, "We have partnered with World Skills Foundation, IAPMO, the Health Habitat and RMIT University on a new initiative called Community Plumbing Challenge. This initiative aims to involve all plumbing practitioners from several countries for provision and upkeep of sanitation facilities in deprived sections of society."

WPC also offers a forum for networking among its members, in areas such as aiding the transfer of technology, plumbing education and skill sets. "Many countries have benefitted from these collaborations, none more so than India, via the Indian Plumbing Association," Sudhakaran said. "Let me remind my colleagues in the plumbing fraternity that we are the first line of defence in any society against the spread of disease. Let us use our collective expertise to safeguard the health of our communities. Every day is World Plumbing Day."

A variety of events, a selection reported on following pages, took place across the globe to bring greater awareness to the importance of clean water, sanitation and conservation of our most precious resource.

The World Plumbing Day Twitter profile has more than 2,600 followers, and there were 1,916 'likes' on the event's Facebook page.

WPD International Poster Competition

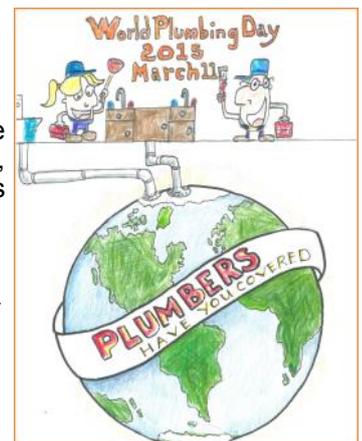
Winners have been announced for the 2015 World Plumbing Day International Poster Competition

Forty-three finalists were selected from hundreds of entries received from around the world. Students in grades 2 through 5 from British Columbia, Canada, India, Jamaica, California, Oregon and Minnesota in the USA embraced the important messages behind World Plumbing Day through colourful works of art.

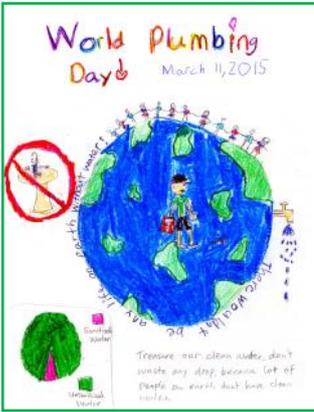
- The Grand Prize Winner will receive USD100 along with USD1,000 to the child's school: Congratulations to **Beckett Evans**, age 10, grade 4, Eric Langton Elementary School, British Columbia, Canada, Mr. Andre Larocque, teacher.
- The Second Place Winner, will receive USD50 along with USD500 to the child's school: Congratulations to **Shaena McCallum**, age 10, grade 5, Corinaldi Avenue Primary School, St. James, Jamaica W I, Ms. Donette Salmon, teacher.



*Sudhakaran Nair, Chairman,
World Plumbing Council*



Beckett Evans' winning poster

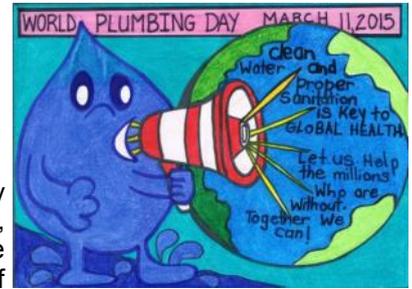


Lena Schapiro's poster design took 3rd place

- The Third Place Winner, will receive USD25 along with USD250 to the child's school: Congratulations to **Lena Schapiro**, Grade 3, Stork Elementary School, Rancho Cucamonga, California, USA, Ms. Crithfield, teacher.

The judging panel was comprised of industry professionals including installers, contractors, engineers, designers, estimators, distributors along with the management and staff of the International Association of Plumbing and Mechanical Officials Backflow Prevention Institute and publishers of the Backflow Prevention and Plumbing Standards Magazine. The judges were overwhelmingly impressed by the creativity of the young students and the high caliber of entries.

The World Plumbing Council extends its congratulations to the winners along with all of the entrants to the competition.



2nd place went to Saena McCallum

Throughout the world, individuals and organisations celebrated World Plumbing Day in their own special ways. Here is a selection:

Australia



The Plumbing Industry Climate Action Centre (PICAC) in Brunswick, Victoria again staged a gala event putting the spotlight on plumbing skills development. More than 400 delegates enjoyed a luncheon and trade show, followed by a skills competition for up and coming apprentices.

Speakers included the Hon. Steven Herbert, Minister for Training and Skills; Hon. Richard Wynne, Minister for Planning, Ken Gardner, Chief Executive Officer of Master Plumbers; and Earl Setches, PTEU Secretary.



Shayne La Combre, PICAC CEO, and Earl Setches, Chairman, promoting World Plumbing Day



PICAC Apprentice Skills competition (Plumbing) winner, Aaron Bridger

Minister Herbert reaffirmed the Government's commitment to supporting the training industry, in particular the development of new PICAC facilities in Geelong and Narre Warren. "Plumbing is a growing industry embracing new technologies that's helping to build a more sustainable Victoria," the Minister said.

The Hon. Natalie Hutchins, Minister for Industrial Relations, Aboriginal Affairs and Local Government was also in attendance, arriving for a tour of the facility and a greeting with the latest intake of first year indigenous apprentices.

The Apprentice Skills competition finished in the afternoon after a gruelling six hours of work by the competitors. The judges reviewed the impressive show of skills and high standard of workmanship, awarding first place to Liam Minogue from Fire Industry Training for the Sprinkler Fitting competition, while the plumbing top prize was awarded to Aaron Bridger from Holmesglen Tafe.

In Western Australia the Master Plumbers Association together with many plumbing industry representatives and their partners marked World Plumbing Day by holding a race day at Ascot Racecourse, including the World Plumbing Day Handicap. Individual races were sponsored by Caroma, EBM Insurance, the Reddifund, Galvins Plumbing Supplies and MPA Skills. A great day was had by all who attended this special event.

In addition to the race day, the Master Plumbers & Gasfitters Association (MPGA) published advertisements celebrating World Plumbing Day in the State's major newspapers, including the daily West Australian along with the Community Newspaper Group, which publishes weekly throughout Perth. The MPGA also held a Facebook competition asking readers to 'hug a plumber', with the story post reaching 12,723 people. The winning photo featured a young couple from Geraldton, WA.

In Queensland, a new event to recognise World Plumbing Day was held – an Industry Breakfast. Over 350 people attended ranging from sole operators to major contractors, suppliers, manufacturers and supporters. Special guests included the newly elected Premier of Queensland, Annastacia Palaszczuk, Queensland Treasurer, The Hon Curtis Pitt, Minister for Energy and Water, The Hon Mark Bailey and Minister for Housing and Public Works, The Hon Leeanne Enoch. The event was presented by the Master Plumbers' Association of Queensland, Queensland



Shayne La Combre had his head shaved to raise money for the Leukemia Foundation

Building and Construction Commission, The Plumbers Union of Queensland, Association of Hydraulic Services Consultants Australia (Qld) and Backflow Prevention Association of Australia (Qld).

The breakfast was a huge success with MPAQ committing to stage it again next year.

Canada



The Canadian Institute of Plumbing and Heating (CIPH) saw a flurry of activity leading up to World Plumbing Day with Matt Wiesenfeld challenging the nation's college and university students to develop an action plan to decrease their school's water footprint.

First place winners of Canada's most water-wise school competition was the University of Waterloo. Team members Christopher Nadeau, Seana Hadala-Turkington and Song (Catherine) Wang were led by faculty advisor Dr. Sarah Wolfe from the Faculty of Environment. Their winning submission featured a plan to reduce water consumption in the student residence by replacing toilets, faucets and shower fixtures with water-saving models.

The judges praised the team for an exceptional job of determining the capital investment required to make the residence more water efficient, the anticipated water savings, the social impacts and the anticipated return-on-investment for the university.

Runners up were the team from Mount Royal University, consisting of Karlee Bendera, Robert Loudon, Alexa Matthes, Brady White, Luis Fossi and Sukhjit Panesar, and led by faculty advisor Brain Seveck from the Faculty of Environmental Science and Ecology. Their submission proposed water conservation at the university's east residence townhouse through grey water recycling, along with a plan to use the project as an educational tool to promote sustainable living to the Mount Royal community.

The judges were impressed with the team's evaluation of water savings, real estate impact, and the goal to encourage sustainability and public awareness of the need for water conservation.

The Mayor of the City of Victoria in British Columbia signed a Proclamation for World Plumbing Day, acknowledging the importance of plumbing to world sanitation and the prevention of disease.

Also in Canada, Allied Technical Services (ATS) showed their support of World Plumbing Day with a social media campaign, blog, video and links to clients: <http://news.atsspec.net/2015/03/09/join-ats-in-celebrating-world-plumbing-day/>

ATS connect the design community and their building specification requirements with leading manufacturers' products in the plumbing industry, saving time for engineers and architects. With more than 20,000 clients and users, ATS encourages sustainable practices in the industry.



India



In India, the Indian Plumbing Association (IPA) celebrated World Plumbing Day with a number of events along with official recognition by the nation's politicians.

The Minister of State for Social Justice and Empowerment, Hon. Vijay Sampla released a statement applauding the important work of the plumbing profession. "On this annual event, I appreciate the critical role that the plumbing industry plays in relation to public health and safety," the Minister said.

At the IPA Japur Chapter a painting competition for primary school children was held at three nearby schools: Seth Anandi Lal Poddar Institute Of Deaf Dumb & Blind at Trimurthi Circle, Vimukti Girls School for deprived girls (typically from slum villages), Shanti Path and the Jaipur and Govt. School at Behlod village, Jaipur.

Also held was an afternoon event to discuss better plumbing practice in high-rise buildings. Around 200 plumbers and contractors gathered alongside IPAJC members to hear a panel discussion chaired by plumbing consultants.

World Plumbing Day concluded with an evening at the Ramada Hotel, with guests listening to a presentation by leading engineer Sh Anand Lal Mathur. Mr Al Mathur spoke of the reckless misuse of natural resources in our daily lives, and described Mahatma Gandhi as the first environmentalist of modern India. The event was sponsored by M/s Pidilite Industries Ltd.



Hon. Vijay Sampla

- The Gujarat Chapter of the IPA hosted a number of activities including a drawing competition along with a local radio promotion that encouraged listeners to promise to save water.
- The Chennai Chapter of the IPA hosted a seminar to discuss water and sewage treatment plants. The event was well attended with more than 160 delegates.
- The Kolkata Chapter of the IPA held a seminar to learn about rainwater harvesting, which event was well attended by members from the building sector.
- The Bangalore Chapter of the IPA donated a water purifier to a school before holding a press conference that

achieved wide-spread coverage.

- The Delhi Chapter of the IPA held a seminar which discussed ancient water management practices and the evolution of water catchment.
- The Mumbai Chapter of the IPA held a seminar on how to leak-proof joints, as well as a painting competition in the local school.
- The Kerala Chapter of the IPA hosted a seminar on project management challenges in the building industry.
- The Nashik Chapter of the IPA performed a health check-up on all its member-plumbers.

IAPMO India also celebrated with industry partner the Indian Plumbing Association (IPA) to promoting the importance of plumbing to health, visiting a local school to spread the message and inviting students to participate in the WPC's poster contest.

Indonesia



IAPMO, in concert with the National Standard Agency of Indonesia (BSN,) released the Uniform National Plumbing Standard for Indonesia at the World Plumbing Day event held in Jakarta.

As part of IAPMO's Water For Indonesia Now project, and with support from the US Department of Commerce, International Trade Administration, and USAID Standards Alliance Programs, this project will impact generations of Indonesians by creating improved access to clean water and safe sanitation through the standardisation of plumbing systems throughout the nation.

The event, held at the Ritz Carlton in Jakarta, highlighted the support of the major Indonesian ministries, Indonesian governors in Jakarta and Central Java, and the US Ambassador to Jakarta, all of whom spoke in support of the release of the national plumbing standard and in honour of World Plumbing Day.

Philippines



The United Skilled Plumbers Association (USPA) used World Plumbing Day to call on consumers to conserve water as the dry season commences and water sources are expected to reach a critical level.

Clean water, health and proper sanitation are the key advocacy items on the USPA agenda. As a member of End Water Poverty, a global civil society coalition campaigning to end the water and sanitation crisis facing the world, USPA hopes to do its share of realising a better global

community by harnessing the capability of skilled plumbers to provide local consumers with access to quality plumbing and water services.

United Kingdom



The Chartered Institute of Plumbing and Heating Engineering (CIPHE) was in full swing in celebration of World Plumbing Day, with social media, press releases, journal blogs and a conference.

A London conference was organised by the Royal Society for Public Health and the Worshipful Company of Plumbers, in partnership with CIPHE, the Scottish and Northern Ireland Plumbing Employers' Federation, and the Society of Public

Health Engineers.

Attracting speakers from across the world, the day's events included a live Twitter session with CIPHE Operations manager Danny Davis to discuss World Plumbing Day, which lasted over an hour. A number of organisations participated in the session including the UK-based Installer Magazine.

Many UK organisations marked World Plumbing Day by embracing the WaterSafe campaign encouraging consumers to use only registered plumbers. South East Water, Severn Trent, HVP magazine, Professional Heating & Plumbing Installer magazine, Sembcorp Bournemouth Water, Sutton and East Surrey Water all called for the industry to use the day to reflect how they can work together to raise plumbing standards.

Also in the UK, Gloucestershire and Swindon Colleges marked the occasion with competitions to raise awareness of the apprenticeship programmes on offer at the schools.

Direct Heating Supplies published a list of tips for consumers to conserve water.

The Bathroom Manufacturers Association and the European Water Label increased their viewer profile by 2.5 per cent by campaigning for World Plumbing Day on social media.

RSPH
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Ciphe
Chartered Institute of
Plumbing and Heating Engineering

SNIEF
SCOTTISH AND NORTHERN IRELAND
PLUMBING EMPLOYERS' FEDERATION



We support World Plumbing Day

Search WaterSafe.org.uk to find a water supplier-endorsed plumber



USA



Plumbing Manufacturers International, whose members produce about 90 per cent of America's plumbing products, developed and published 10 reasons 'Why Plumbing Matters' to celebrate World Plumbing Day.

1. Plumbing harnesses a precious resource – water – to use safely for health, hygiene and wellbeing. Plumbing makes possible the miracle of clean, convenient water – something often taken for granted.
2. Plumbing manufacturing innovations to gain water efficiency have dramatically reduced the amount of water used through toilets, showerheads, faucets and other plumbing products. For example, WaterSense plumbing products meeting Environmental Protection Agency (EPA) criteria have saved consumers 757 billion gallons of water and USD14.2 billion in water and energy bills since 2006, according to the EPA.
3. To assure customer satisfaction, WaterSense products are certified to perform as well or better than standard models – all while saving at least 20 percent more water.
4. The increased use of water-efficient plumbing is an important, yet often overlooked, part of the water sustainability solution. The EPA estimates that the United States could save 3 trillion gallons of water and over USD17 billion annually if every U.S. household converted to WaterSense products. High-efficiency plumbing in commercial facilities can help save even more.
5. Modern plumbing products help regions affected by droughts and water shortages to use water more efficiently. For example, Denver reduced water use to a 40-year low in December 2014, according to the Denver Post. Contributing to the decrease was replacing 3,200 3.5 gallons-per-flush (gpf) toilets in the Denver Public Schools with 1.25 gpf toilets. Denver has plans to replace 6,800 more by 2018.
6. Water efficiency contributes greatly to energy savings. Less water used means less water heated and less water transported. Installing WaterSense-labeled faucet aerators in bathrooms, for example, help save water and energy.
7. Plumbing brings comfort and beauty into homes and lives. Kitchens and bathrooms not only serve functional purposes, they provide the refuge of comforting meals, soothing baths and restorative relaxation.
8. The plumbing industry is a strong economic engine, providing jobs and livelihoods to millions of people around the world.
9. The ability of plumbing and sanitation systems to deliver clean water and remove waste has protected populations from communicable disease throughout history. There is acknowledgement from many within the public health community that clean, drinkable water has likely protected more lives and extended life expectancy more than any medical advancement. Plumbing advancements continue to protect lives in developing nations.
10. A future of water sustainability is an achievable prospect, as plumbing manufacturers work with allies in safe plumbing and water efficiency to find solutions.



Barbara C. Higgins, CEO/Executive Director stressed the importance that we all share the stories about what organisations are doing to support our industry on World Plumbing Day. "We sent our 10 reasons to the press, industry partners, PMI members, and our social media followers, inviting each to comment, share and like as they expressed why plumbing matters to them," she said.

Also in the USA, the International Association of Plumbing and Mechanical Officials (IAPMO) spread the message about World Plumbing Day to elementary schools in California, Oregon and Colorado.

This year, hundreds of students discussed the WPC's presentation slides that tell of the important role plumbing systems play in protecting our health. All children were invited to participate in the global poster contest sponsored by the WPC.



With Water Week held in April, IAPMO has been working with the Plumbing Manufacturers International (PMI), the Alliance for Water Efficiency (AWE), and the American Society of Plumbing Engineers (ASPE) to hold a congressional briefing on Capitol Hill to discuss the importance of World Plumbing Day.

Carter's My Plumber in Greenwood Indiana enlisted dogs Max and Bella to spread the World Plumbing Day message, with a social media campaign and blog post.



Health Aspects of Plumbing fact sheet

The United Nations declared 2005-2015 the International Decade for Action "Water for Life", setting a world agenda that focuses increased attention on water-related issues. This initiative is of extraordinary importance in a world where preventable diseases related to water and sanitation claim the lives of about 3.1 million people per year, most of them children less than 5 years old. Of these, about 1.6 million people die each year of diarrheal diseases associated with lack of safe drinking water and adequate sanitation.

By including access to a safe drinking water supply and sanitation in these international goals, the world community proposes 97 million additional people annually will have access to drinking-water services and 138 million additional people access to sanitation services through 2015. Working within the spirit of these initiatives the World Health Organization and the World Plumbing Council developed the "Health Aspects of Plumbing" publication noting that sustainable health, especially for children, is not possible without access to safe drinking water and basic sanitation facilities.

Clean water is not a luxury

"Health Aspects of Plumbing" is a comprehensive and substantive examination of the design, installation and maintenance of effective plumbing systems. It recommends a number of plumbing system design and installation specifications that have demonstrated their validity over years of existence and discusses the microbiological, chemical, physical and financial risks associated with plumbing.

Published by the World Health Organization and the World Plumbing Council, the book is dedicated to the achievement of the best possible plumbing practices to ensure the highest health benefits from the use of sound plumbing practices. It is a tremendous resource for administrators and plumbers, especially those in countries or areas in the early stages of introducing effective plumbing systems.

The document is also available in Mandarin.

The publication is 129 pages with 10 figures, 15 tables and five case studies, including some of the following topics:

- Basic principles of safe drinking water supply
 - The role of plumbers in risk assessment
 - Codes of practice for plumbing
 - Training and registration of plumbers
 - Standards for materials used in plumbing systems
 - Design of plumbing systems
 - Storm water drainage
- Wastewater use

World Plumbing Day seeks to provide additional awareness of these goals and tools such as "Health Aspects of Plumbing" contribute toward reaching these humanitarian goals.

Safe, clear drinking water and basic sanitation is possible in any nation, big or small, when simple, sound plumbing practices are adopted.

Go to:

www.worldplumbing.org/publications.html
to download your copy of

Health Aspects of Plumbing today

Dates for Your Diary

World Plumbing Day, March 11 Every Year, Everywhere

ISH CHINA & CIHE 2015

New China International Exhibition Center, Beijing May 13 – 14, 2015

WORLDSKILLS SÃO PAULO 2015

43rd WorldSkills Competition,
Anhembi Parque, São Paulo, Brazil. August 11-16, 2015

Indian Plumbing Conference

Nashik, India September 10 – 11, 2015

International Building Water Supply & Drainage Forum

Shanghai, China, September 22, 2015

World Plumbing Council General Meeting

Shanghai, China. September 24, 2015

ISH Shanghai & CIHE 2015

Shanghai New International Expo Centre September 23 – 25, 2015

World Plumbing Council General Meeting

Warsaw, Poland April/March 2016 (to be confirmed)

World Plumbing Council Triennial Meeting

Capetown, South Africa September 14, 2016

11th World Plumbing Conference & Expo

Capetown, South Africa September 15 – 16, 2016

Members, if you have conferences or events that you would like listed here please send the details to secretariat@worldplumbing.org

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The World Plumbing Council aims to unite the world plumbing industry and promote the role of plumbing in improving public health and safeguarding the environment for the benefit of all

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