

Everyone Needs Water

We face a number of water challenges today from high demand in areas of low availability to quality issues and the disruptive effects of natural disasters. The International Code Council is dedicated to helping solve these problems through strong, modern building codes that lead to resilient communities, safe plumbing, efficient technologies and a well-trained, professional workforce of code officials to maintain these systems.

The Issues*

Water Demand – 2.1 billion people lack access to safely managed drinking water services.

Water Availability – Around 1.9 billion people live in potentially severely water-scarce areas.

Water Quality – Over 80% of the wastewater generated by society flows back into the environment without being treated or reused.

Natural Disasters – The number of people at risk from floods is projected to rise from 1.2 billion today to around 1.6 billion in 2050 – nearly 20% of the world's population.

Modern codes and standards incorporate the latest technologies and:

- ▶ Lead to safe plumbing systems in residential and commercial buildings.
- ▶ Provide the safest, most resilient structures to protect against floods, hurricanes and other modern-day disasters.
- ▶ Facilitate the quick adoption of new water efficient products into homes and structures and promote the need for smart water use.

Building Codes Save Lives

*Information from UNESCO

Learn more about ICC and the I-Codes, fifteen coordinated, contemporary codes used in all 50 U.S. states and in many other countries, at www.iccsafe.org/water.