



Chapter 4:

One Health.

Time to think

in blue.



1. One Water in One Health.

All Water is One Water. Water is critical in both agriculture and food processing, as well as in nutrition and human health. The concept of “One Water” reflects the notion of water as it is articulated in the Sustainable Development Goal Six (SDG 6) to ensure availability and sustainable management of water and sanitation for all. SDG 6 addresses sustainable, equitable access to safe, reliable water, including irrigation water, water used in food production and processing, water management practices and development, water efficiency, and the protection of

aquatic ecosystems, under the umbrella of integrated water resources management. (Source: United Nations Environment Programme).

Water is also the largest input in the provision of food, from production in the field through all the steps in the value chain. Water is also required to meet personal and household needs, for energy and industrial production, and to maintain important water-dependent ecosystems and ecosystem services, the direct and indirect contributions of ecosystems to human well-being. With demand and

competition for water on the rise, however, the planet's water resources are under increasing stress due to climate change, poor management and pollution.

But what is the value of water? Is water a human right?

Listen to this podcast in which Stuart Orr, WWF's freshwater practice leader, speaks with Brett Walton, Circle of Blue Senior Reporter, about a provocative new report entitled, "The High Cost of Cheap Water." [What's Up With Water - High Cost of Cheap Water - WWF Report By Circle of](#)

LISTEN HERE

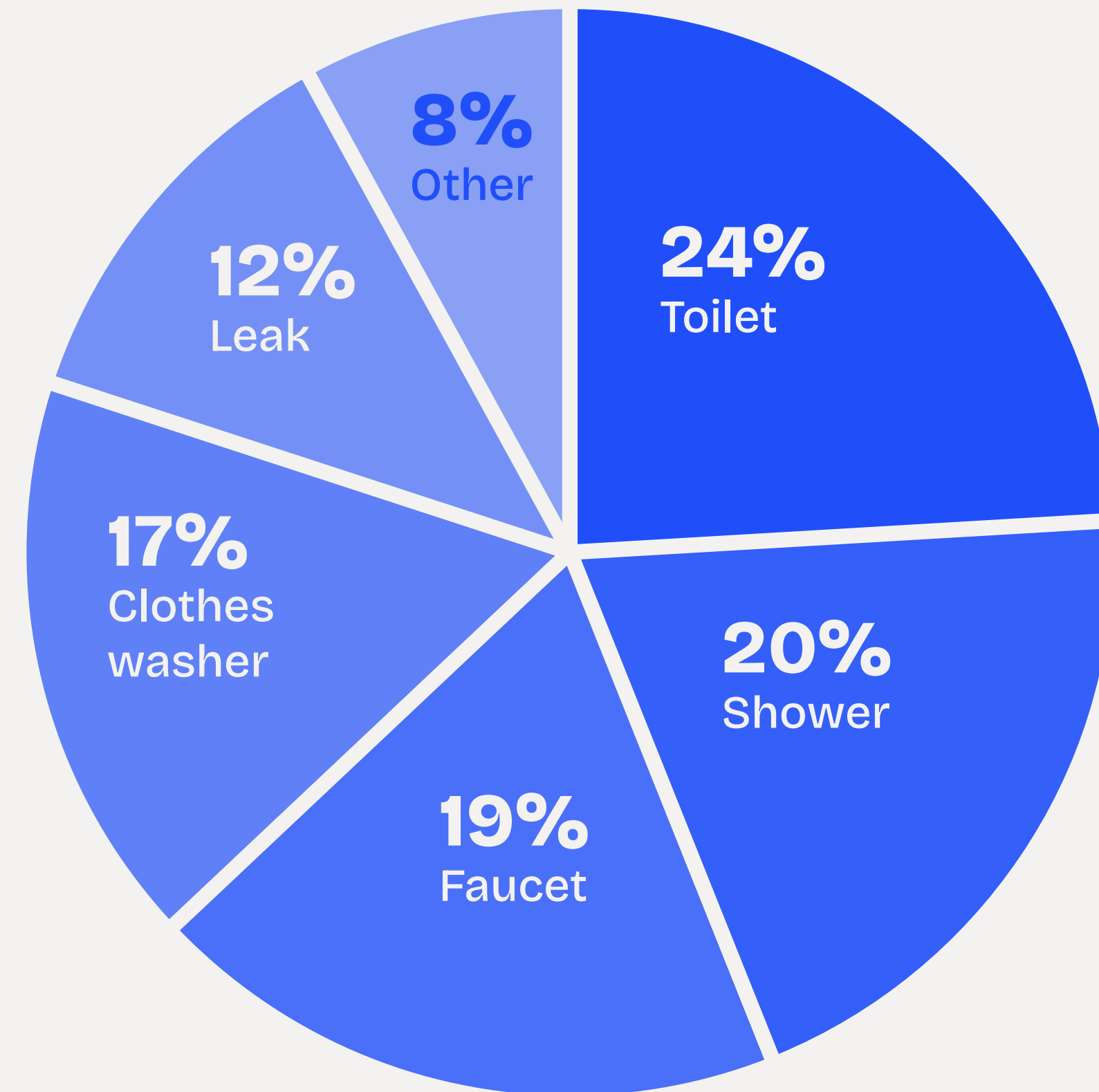


2. Water and climate change.

The Earth might seem like it has abundant water, but in fact less than 1 percent is available for human use. This precious resource is beginning to shrink. Natural water reservoirs are drying up due to climate change. While population growth and demand on freshwater resources are increasing, supply will always remain constant.

In the documentary "Our drinking water - is the world drying up?" glaciologist Daniel Farinotti surveys melting glaciers in the Swiss Alps. If glaciers continue to melt at the current rate, he says, there will be no ice left by the end of the century. The disappearance of glacial meltwater would have fatal consequences.

How much water do we use?



Source: Water Research Foundation, Residential End Uses of Water, Version 2. 2016

From the heights of the Swiss Alpine glaciers, the documentary travels down to the seafloor, off the coast of Malta. Here, the crew of the German expedition ship "Sonne" wants to track down mysterious freshwater deposits in the Mediterranean. Next up is Peru where, in a bid to counteract the threat of water shortages, work is underway on projects that use ancient Incan methods.

WATCH THE DOCUMENTARY



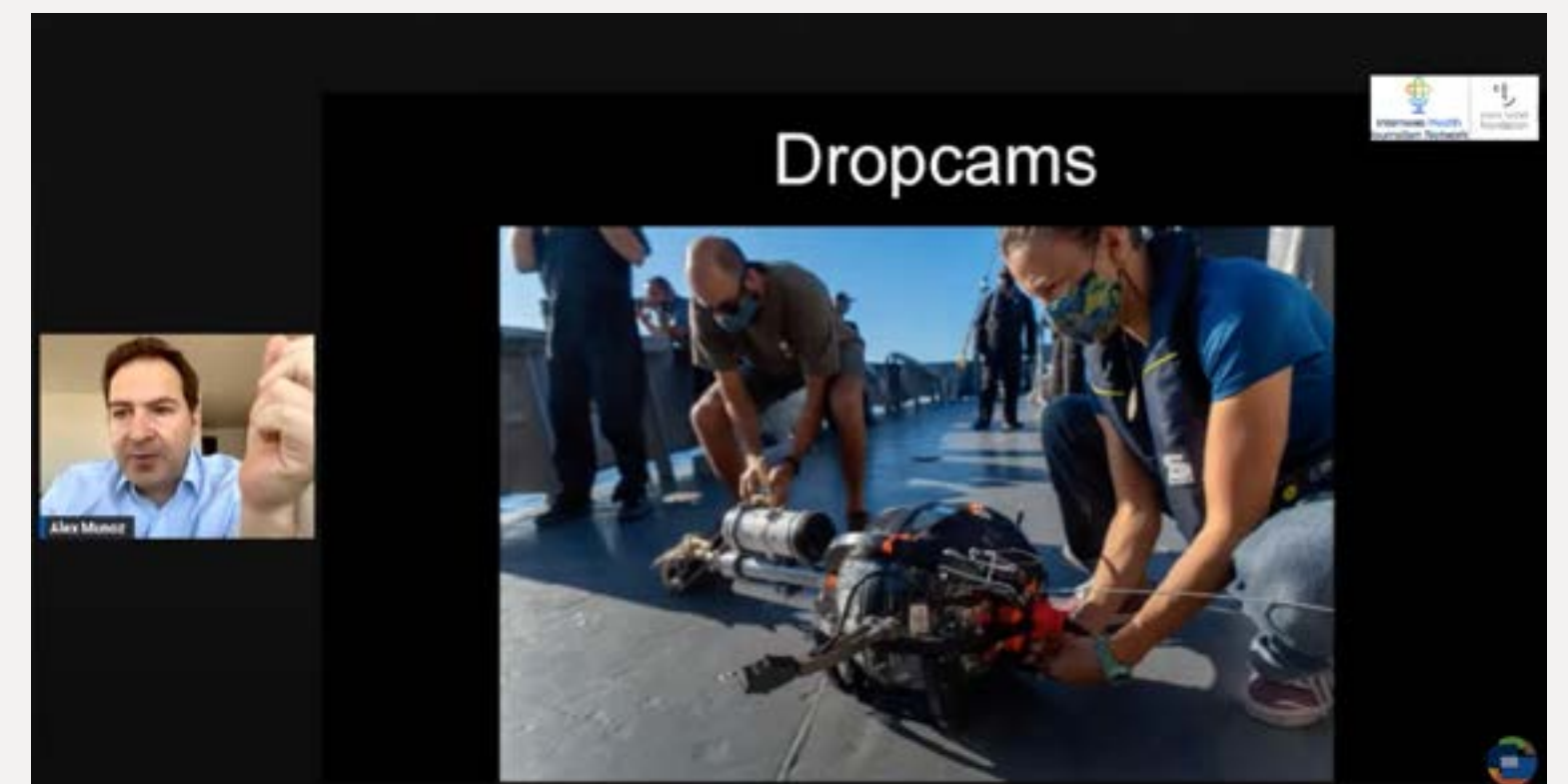
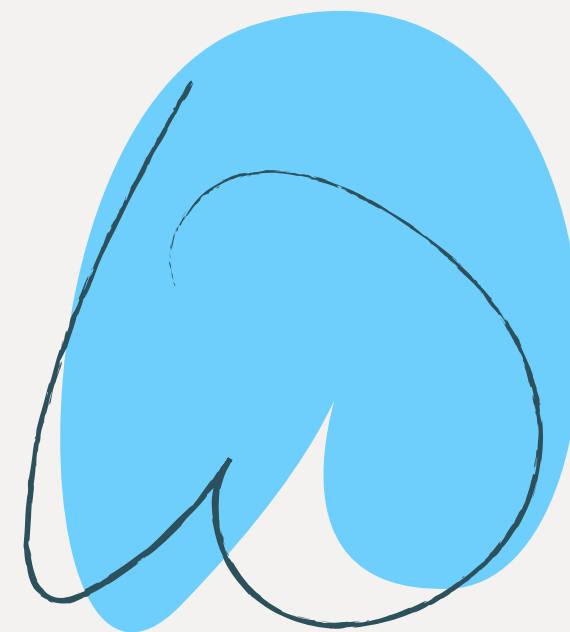
3. One Health. Time to think in blue.

Did you know that the health of the oceans affects the health of all the planet including human health? Watch our event **One Health. Time to think in blue** to learn about the Pristine Seas project, CETi, and other initiatives that have joined forces to protect our marine environment and how this can also safeguard human and animal health.

With the participation of Alex Muñoz Wilson, Senior Director for Latin America, Pristine Seas , National Geographic Society, Fiona Korwin-Pawlowski CETI (Cetacean Translation Initiative) , Kent Thomas, Centre for Resource Management & Environmental Studies (CERMES),

University of the West Indies and Dr. Patrick Mc Conney, Centre for Resource Management & Environmental Studies (CERMES), University of the West Indies . The live event was moderated by Bea Spadaccini. manager of the Internews Health Journalism Network.

WATCH THE VIDEO



4. How interested are you in water?

Social media, virtual summits, and podcasts !! Below you will find a universe of resources to learn from, be trained in, and share your passion for water! Start exploring!

Associatons & social media handles



International Water Resources Association (IWRA)

A non-profit, non-governmental knowledge forum of water experts passionate about the sustainable management of the world's water resources since 1971.

[@iwra_water](#)



World Bank Water

Official Twitter feed of the World Bank Water team. Committed to Water for People and the Planet.

[#water](#) [#sanitation](#) [#WRM](#) [#irrigation](#) [#drainage](#)
[@WorldBankWater](#)



UNESCO Groundwater Youth Network

The Groundwater Youth Network (GWYN) is a youth-led network aiming to provide a coordination mechanism between pre-existing youth organizations focused on water, and more specifically groundwater. The network will place an emphasis on inclusiveness and diversity in order to facilitate the global exchange of ideas, to contribute to groundwater resilience around the world.

[@gwynetwork](#)

Are you a young person who wants to be trained on **water issues**?

Why not study for a master's degree?

Here are some ideas:

Institute for Water Education:

Would you like to join international workshops, or associations?

In 2024 the biggest event on water will be held in London in April on the theme of "Security for a Changing Planet." The goal of this global event is to promote the connection between water security, climate change and the broader sense that water investment can bring economic and environmental stability to our planet.

You can follow the summit, conferences and all the events in these two webs and the twitter account:

watermeetsmoney.com/
water4all-partnership.eu/news/global-water-summit-2024
[@watermeetsmoney](https://twitter.com/watermeetsmoney)

World Bank Youth Innovation Challenge!

The World Bank Youth Innovation Challenge:

Water Solutions for a New Climate Reality is designed to accelerate innovation and unlock the potential of the next generation of youth aquapreneurs from around the world.

[Join the challenge!](#)
[@watermeetsmoney](https://twitter.com/watermeetsmoney)

