

2019

# Water Management – Information & Videos



## Executive Summary

This report gives information about water management including water scarcity, water management, and water purification.

Is also lists documentation and videos related to the topics and give their references and links to retrieve the documents and videos.

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## GLOBAL WATER CRISIS: THE FACTS

Retrieved from:

<https://inweh.unu.edu/wp-content/uploads/2017/11/Global-Water-Crisis-The-Facts.pdf>

This document shows information about 'Water scarcity and insecurity', 'Water-related disasters', and 'Water, sanitation and health (WASH) crisis'. Also 'Water infrastructure deterioration and destruction; are also included.

## Water Purification

Retrieved From

[http://www.stuart-equipment.com/adminimages/Water\\_Purification\\_focus\\_on\\_distillation.pdf](http://www.stuart-equipment.com/adminimages/Water_Purification_focus_on_distillation.pdf)

Water is probably the most commonly used laboratory reagent and is often taken for granted. In fact, water is often not even regarded as a "reagent" in the same way as other commonly used chemicals. This article shows a variety of techniques available to purify water for the various different uses for which it is required and these notes are intended to highlight the good and bad points of each.

Contents include

1. Impurities in water – what are they, how are they measured and what problems do they cause?
2. Pure water – How pure is it? What is it used for?
3. Methods of Purifying water
4. Choosing a water purification system

## Coping with water scarcity

Retrieved from:

<http://ulis2.unesco.org/images/0012/001278/127846E.pdf>

This report shows a high level of water scarcity. It mainly focuses on what problems are and probable solutions to it.

## Managing extreme water shortage in Victoria

Retrieved from:

[https://www.water.vic.gov.au/\\_data/assets/pdf\\_file/0029/394913/VicWaCI-Fact-Sheet1.pdf](https://www.water.vic.gov.au/_data/assets/pdf_file/0029/394913/VicWaCI-Fact-Sheet1.pdf)

This report comes from the Victoria government, it gives an example in the Millennium Drought, and shows what method used to deal with the water management.

## An Agenda for Water Action

Retrieved from

[https://sustainabledevelopment.un.org/content/documents/17825HLPW\\_Outcome.pdf](https://sustainabledevelopment.un.org/content/documents/17825HLPW_Outcome.pdf)

## Videos

### Living Without Water (Water Shortage Documentary) | Real Stories

Retrieved from:

<https://www.youtube.com/watch?v=Yg39zyoF26o>

This film goes right to the heart of the water crisis - showing how society's poorest are caught in the middle of a struggle between business, climate change, and international politics.

### What's causing water shortages? | Inside Story

Retrieved from:

[https://www.youtube.com/results?search\\_query=water+shortage](https://www.youtube.com/results?search_query=water+shortage)

The shortage of water in some parts of the world is one of the greatest risks of our time. And the battle to secure supplies of the most vital life-giving commodities is political,

## The face of Australia's drought crisis | ABC News

Retrieved from:

<https://www.youtube.com/watch?v=gByMrCKkZco>

It is about Australia's drought zones to capture the harshness of life on the land when it stops raining, and the unimaginable resilience it takes to endure.



## Innovative Water Management Solutions for Irrigation for Agriculture Sector.

Retrieved from:

<https://www.youtube.com/watch?v=QtG1-MKVU-s>

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## Designing Smart Urban Water Systems: Marcus Quigley at TEDxBeaconStreet

Retrieved from:

<https://www.youtube.com/watch?v=3-1qxKcOSeg>

As Director of Research and Development for Real-Time Services at Geosyntec, Marcus Quigley works on solutions of some of the country's most challenging urban water infrastructure problems through a variety of innovative approaches including physical environmental computing (i.e., treating the physical world as an extension of the virtual internet).