



Founded 2019



## International Scientific Association for Sustainable Management of Water Resources e.V.

A Life with Water



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## About Us



The association was founded in 2019 and has a network of water experts spread across 51 universities in Latin America (LA), Middle East/North Africa (MENA), Sub-Saharan Africa (SSA) and Southeast Asia (SEA).

The Swindon Water Association e.V. consists of individual and institutional members worldwide. Each of these members has direct or indirect relationship to resource protection and sustainable use. This, in particular, concerns water resources, their use and protection. Wastewater treatment and waste as potential resources for reuse are considered, likewise.

The association promotes cooperation, education, and knowledge exchange within the areas of concern while also contributing to solving present and, in particular, future resources-related problems.

The inspiring mission is also to link members becoming an international community of academics, graduated students, practice-oriented professionals, and policy makers.

## Membership

By becoming a member, you will be supporting young female and male scientists and students. Through their membership, association members have access to experts and colleagues from 51 universities in Latin America, Middle East / North Africa, Sub-Saharan Africa, and Southeast Asia in the fields of waste and wastewater treatment, sanitary engineering, hydrology, water quality, water management and water governance.

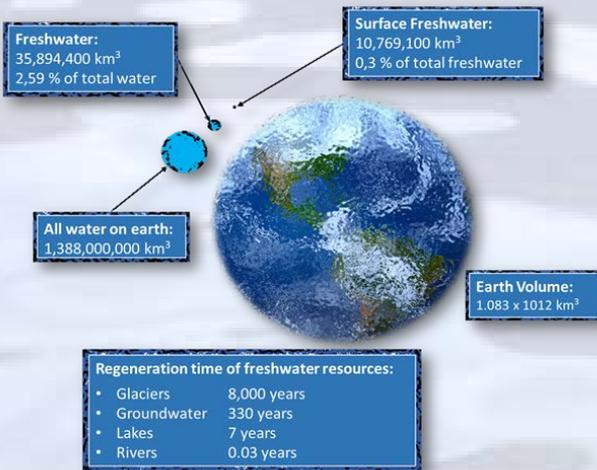
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## Freshwater Concerns

70 % of the Earth's surface is water and remains constant at 1,386,000,000 km<sup>3</sup>. Note, 97.5 % is seawater unfit for human consumption and human population and temperatures are everrising, meaning that the freshwater is under severe pressure.

Global water demand is projected to increase by 55 % when reaching the year 2050.



Much of the demand is driven by agriculture, which accounts for 75 % of global freshwater use, and food production. The demand will climb up to 69 % by 2035 due to growing population and industrialisation. In other words, the near future presents one big freshwater drain after the next.

## Tasks and Goals

The association pursues non-profit objectives. These include the organisation of conferences, workshops, training courses and summer schools in developing countries. Furthermore, the association supports the exchange of Master's and PhD students through sponsorships and donations to the association and promotes the development of joint practice-oriented research projects with universities, other research institutions, industry, and NGOs.

Essentially, the cooperation is about practical problem solving at regional and national level. Swindon Water Association e.V. aims to contribute to improving living conditions for people, promoting and preserving ecosystems and supporting the sustainable use of resources as well as positive socio-economic development.



**Future starts in the present**

## Mission and Portfolio

The association stands for

- ❖ paradigm shift in education, social, political, and economic development,
- ❖ pluralistic approach.

This means diversity in participation in all relevant social groups in terms of public, social, industrial and academic partnerships.

In the field of education it is evident that in the course of climate change, new educational methods and directions are imperative in order to train young scientists and specialised personnel for the development and application of new adaptive technologies in the field of environmental and climate protection and to realise associated transformation processes in society.

The association provides experts who can be called upon to solve water problems.