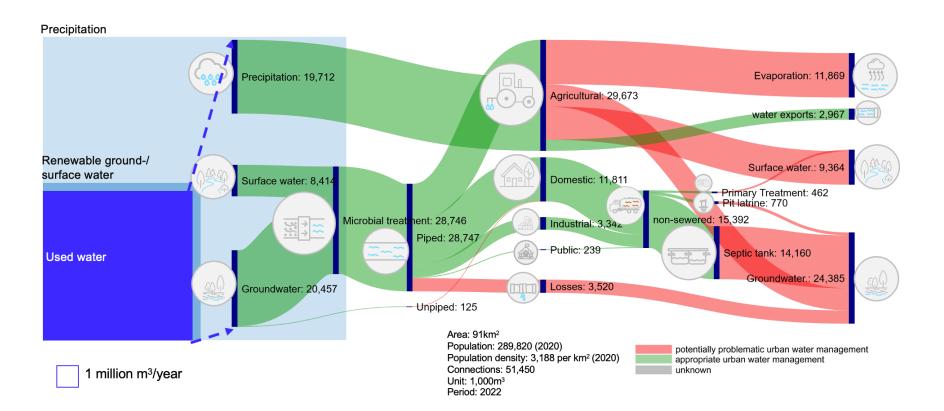
The Urban Water Flow Diagram

A visual tool for integrated urban water management



Dorothee Spuhler - SuSanA Meeting NY 2023

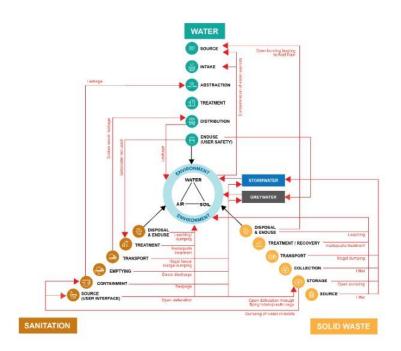
Eawag Swiss Federal Institute of Aquatic Science and Technology





Integrated

Transdisciplinary





Science – Politics - Practice



The Swiss Community of Practice

A transdisciplinary platform for cooperation

AGUASAN Community of Practice

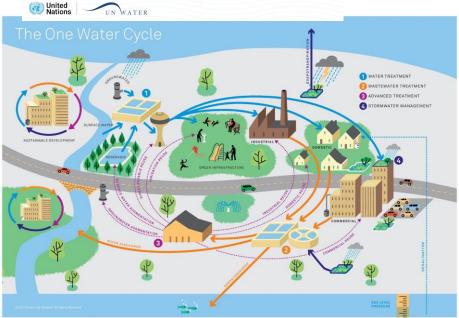


How can we bring WASH and IWRM closer together to use synergies and have more impact?



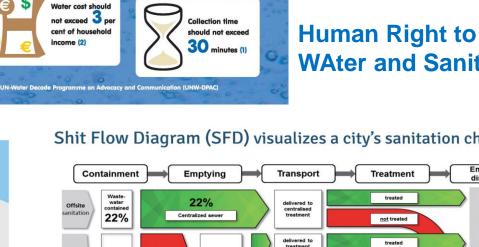
Frameworks

SDG6 6.b.1 6.1.1 DRINKING WATE 6.6.1 ECOSYSTEM 6 CLEAN WATER AND SAMITATION 6.5.2 TRANSBOUNDAR COOPERATION 6.3.1 WASTEWATE ASA 6.5.1 6.3.2 Ĩ. CC 22 6.4.2 WATER STRESS 6.4.1 WATER-USE EFFICIENCY FAO AQUASTAT



Visual Tools

The One Water Cycle



The water source

has to be within

meters from home (1)

1,000

The Human Right to Water

50 and 100 iters of water per person

per day are needed

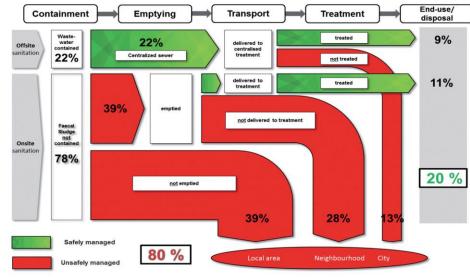
to ensure most basic

needs (1)

WAter and Sanitation

eawag aquatic research 0000

Shit Flow Diagram (SFD) visualizes a city's sanitation challenges

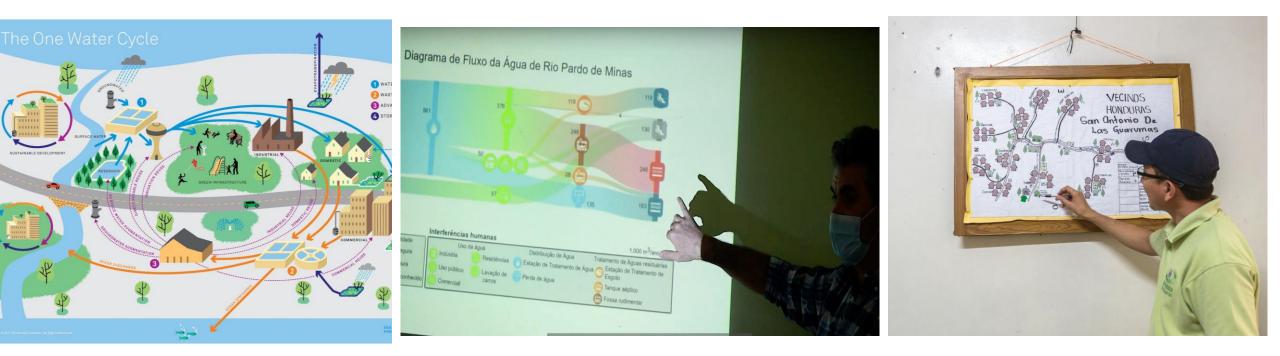


SFD Kochi (SFD Promotion Initiative 2015)

Excreta or Shirt Flow Diagrams



A tool to...

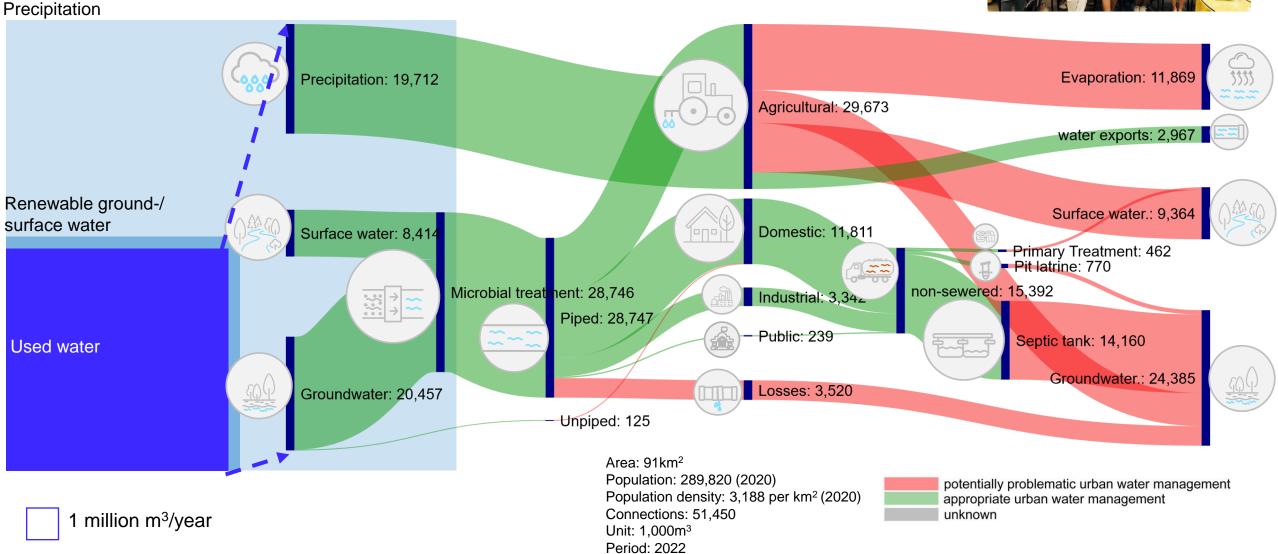


Describe with a conceptual model

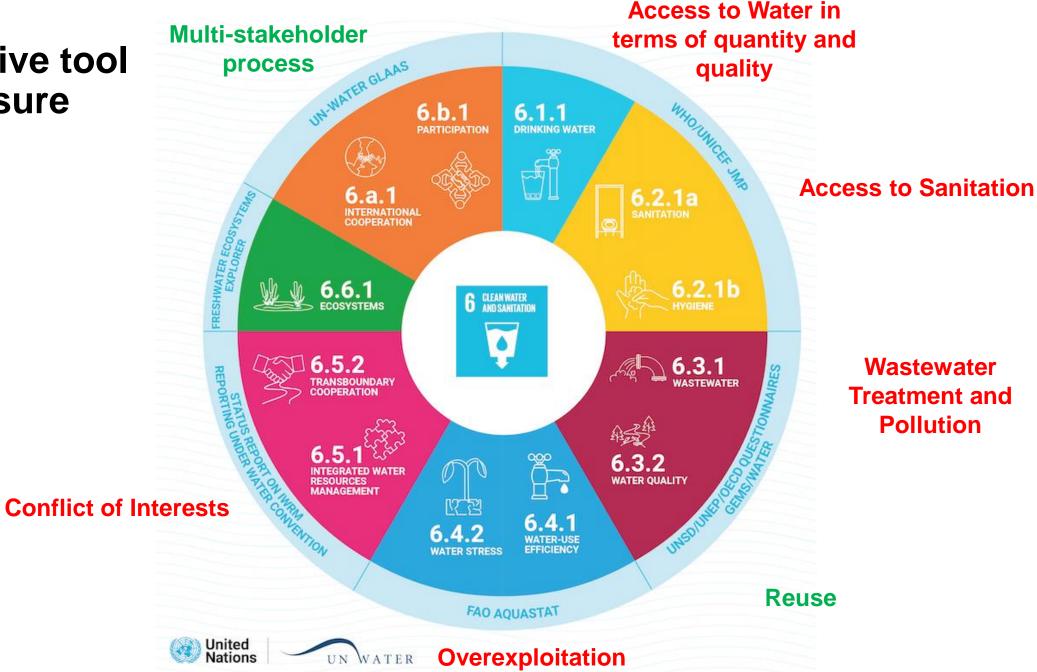
Understand a visual assessment of current situation **Prioritise** joint action

Water Flow Diagram of Santa Maria, Bulacan, Philippines





A intuitive tool to measure SDG6



WWW Stockholm



Methodology and **Case Studies**

Double-click to hide white space

1.4 Roles & Res

other relevant was

Field team (if primary





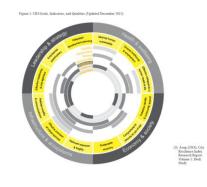
Partnerships















Aguasan 2020

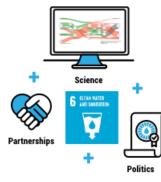
World Water Forum Dakar

Climate resilience UN Water New York



KNOV YOUR WATER

Action-oriented partnerships at the interface between science, politics, and practice to reduce inequity and increase resilience in urban water management



Using the examples of the urban Water Flow Diagram (WFD), the Shit Flow Diagram (SFD) promotion initiative and partnership programmes, such as Solidarit'eau Suisse, Blue Communities and the Global Water Operator Partnerships Alliance (GWOPA), we will show how a joint effort by science, politics, and practice can trigger local action to reach the SDG6 and the human right to water and sanitation. When? Tuesday, 21 March 2023 16:30 - 18:30 pm



Columbia University, CEPSR building, 7th floor Followed by a Swiss Apero at the International House, 500 Riverside Drive, New York City

Not in NYC? Sign up for news & a recording

Where?

orgin up for fields a difector

With contributions from: Marilene de Souza Alves

Federal State of Minas Gerais, Brazil Pedro Arrojo-Agudo

United Nations Office of the High Commissioner

Marc-André Bünzli Swiss Development Cooperation

Dorothee Spuhler Eawag: Swiss Federal Institute of Aquatic Science and Technology

Arne Panesar Deutsche Gesellschaft für internationale Zusammenarbeit

Maude Barlow Blue Communities

sustainable

sanitation alliance

Anne le Strat Global Water Operators Partnership Alliance



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