



Deliverable D5.2

Launch of social media presence (Twitter) and website (including blog)

Grant Agreement nº: 956623

Project full title: Inventive forecasting tools for adapting water quality management to a new climate

Planned date of deliverable: 31 May 2021

Actual submission date: 31 May 2021

Target Audience: General Public



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 956623



Content

1. Social media (Twitter)
2. Website, including blog



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1. Social media (Twitter)



The image shows a Twitter profile page for the account @invent_water. The profile picture is a blue circle containing the 'invent water' logo. The background of the profile page features a dark blue banner with the 'inventwater' logo and the text 'FORECASTING TOOLS'. On the left side, there is a vertical sidebar with various icons: a Twitter bird, a house, a hash tag, a bell, an envelope, a person, and three dots. The main profile information includes the handle '@invent_water', the bio 'Inventive forecasting tools for adapting water quality management to a new climate is a H2020-MSCA-ITN-2020 training programme (Grant No 956623)', the location 'Girona', the joining date 'Joined March 2021', and the statistics '96 Following' and '116 Followers'. There is also an 'Edit profile' button.



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2. Website, including blog



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Inventive forecasting tools for adapting water quality management to a new climate (inventWater) is a Marie Skłodowska Curie Action European Training Networks (ETN) project (programme Innovative Training Networks (ITN) of Horizon 2020).

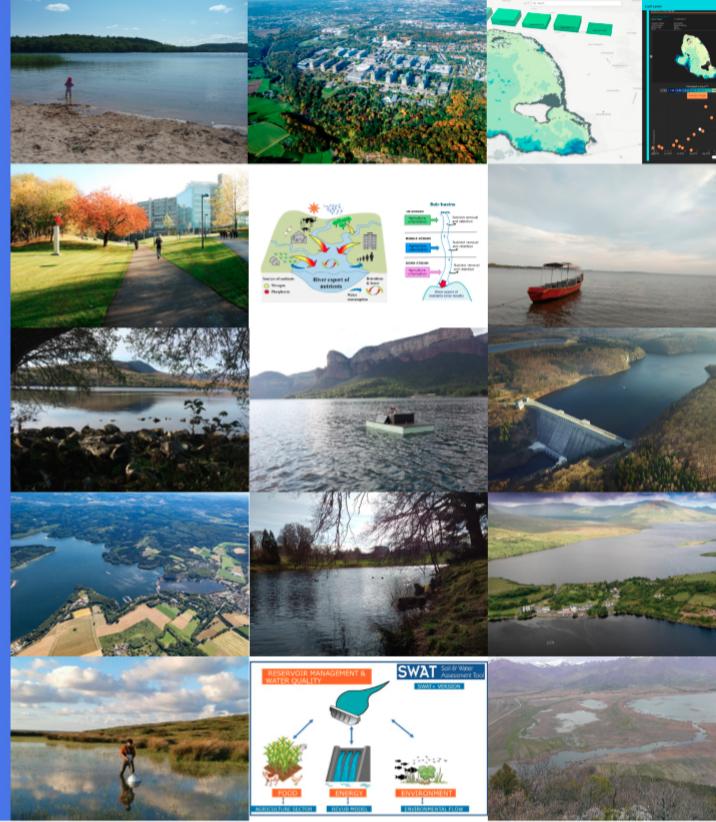
Its main objective is to organize a platform providing cutting edge cross disciplinary education of tomorrow's professionals of the water quality sector.

15 research projects

inventWater consists of 15 individual research projects (PhD theses) carried out by Early Stage Researchers (ESRs). The training program focuses on the development and real-world application of inventive water quality forecasting tools across a range of time-scales, to support fast and reliable decision making as well as long-term adaptation policies.

inventWater will bring water quality forecasting to the forefront of the scientific disciplines supporting water managers and policy-makers to design measures for adaptation to a new climate.

[See projects >](#)



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People

inventWater trains a new generation of climate and water scientists, the inventWater fellows, who apply their skills and research outputs to a wide range of pressing water quality issues, from local adaptation to increases of climatic extreme events, to supporting adaptation to climate change and achievement of UN Sustainable Development Goals.

[See team >](#)



European Training Networks

info@inventwater.eu

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Coordinator



Institut Català de Recerca de l'Aigua

COORDINATED BY_

Project ID: 956623

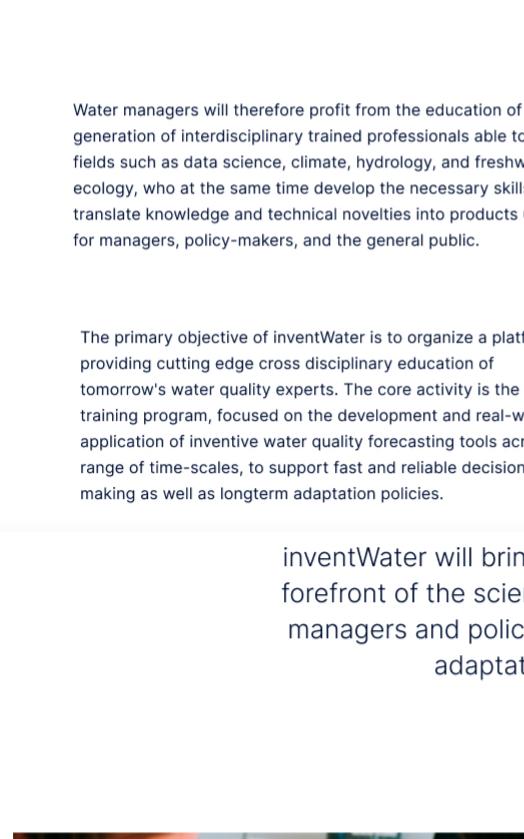


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MSCA-ITN-ETN – European Training Network.

about

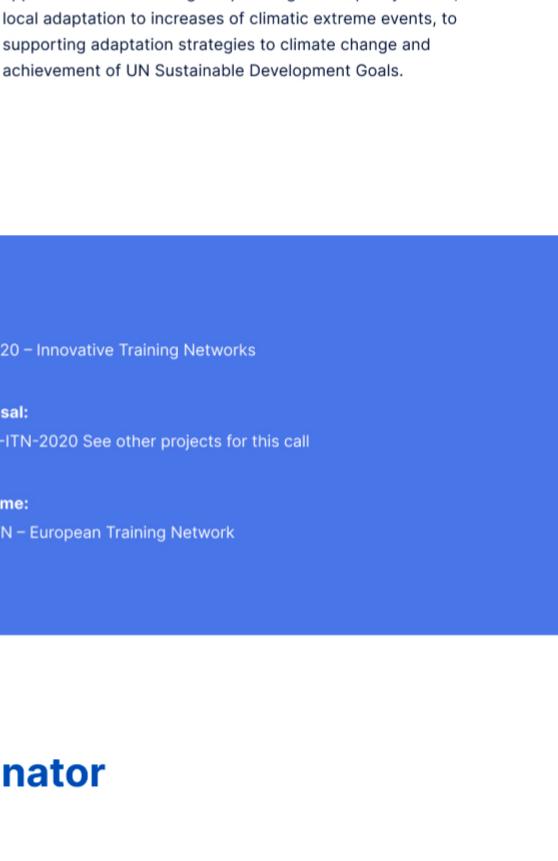
Long-term climate change, extreme events, and seasonal variations in weather have profound impacts on water quality of rivers, lakes, and reservoirs.



This implies a pressing need for tools anticipating the impacts of these environmental changes, and enabling effective water management that safeguards the ecosystem goods and services freshwaters provide. The increasing availability of new meteorological data products and advances in modelling tools now mean that it is possible for the first time to produce reliable forecasts for lake and river water quality on a regional and global scale, an unexploited potential in the water sector.

Water managers will therefore profit from the education of a new generation of interdisciplinary trained professionals able to bridge fields such as data science, climate, hydrology, and freshwater ecology, who at the same time develop the necessary skills to translate knowledge and technical novelties into products useful for managers, policy-makers, and the general public.

The primary objective of inventWater is to organize a platform providing cutting edge cross disciplinary education of tomorrow's water quality experts. The core activity is the training program, focused on the development and real-world application of inventive water quality forecasting tools across a range of time-scales, to support fast and reliable decision making as well as longterm adaptation policies.



inventWater will bring water quality forecasting to the forefront of the scientific disciplines supporting water managers and policy-makers to design measures for adaptation to a new climate.



The composition of the network and the multidisciplinary of the PhD projects will make tools developed by inventWater fellows applicable to a wide range of pressing water quality issues, from local adaptation to increases of climatic extreme events, to supporting adaptation strategies to climate change and achievement of UN Sustainable Development Goals.

Total Cost:

4 021 497.72€

Topic(s):

MSCA-ITN-2020 – Innovative Training Networks

EU contribution:

4 021 497.72€

Call for proposal:

H2020-MSCA-ITN-2020 See other projects for this call

Coordinated in:

Spain

Funding scheme:

MSCA-ITN-ETN – European Training Network

Participants



Aarhus Universitet

www.au.dk

The University of Stirling

www.stir.ac.uk

Vrije Universiteit Brussel

www.vub.be

Wageningen University

www.wur.nl

University College Cork

www.ucc.ie

Partners



Postdam Institute for Climate Impact Research

www.pik-potsdam.de

United Nations Educational, Scientific, and Cultural Organization



Ens d'Abastament d'Aigua del Ter i del Llobregat

www.atl.cat

Climate Analytics GMBH

<https://climateanalytics.org/>

Ruhrverband

www.ruhrverband.de

An Fóram Uisce

<https://thewaterforum.ie/>

Virginia Tech

www.vt.edu

Netherlands Institute of Ecology

<https://nioo.knaw.nl>

Universitat de Girona

www.udg.edu/

Dublin City University

www.dcu.ie

Universiteit Utrecht

www.uu.nl

Swiss Federal Institute of Aquatic Science and Technology

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Coordinator



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research projects

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15 research projects



#ESR1

A new generation of coupled watershed-lake water quality models operating at multiple scales, Aarhus University, Denmark.

#ESR2

Machine learning methods integrating climate and water monitoring data to support modelling future water quality in lakes and reservoirs over decades, Ruhr-Universitaet Bochum, Germany.

#ESR3

Improving forecasts of phytoplankton blooms using high frequency satellite observations, The University of Stirling, UK.

#ESR4

Incorporating water management in an Earth System Model for improved climate, impact and adaptation modelling, Vrije Universiteit Brussel (Belgium).



#ESR5

Innovative forecasting approaches to assess future trends in pollutant flows from land to water systems for advancing sectoral water quality services, Wageningen University, The Netherlands.

#ESR6

New global indicators for the impacts of global changes on water quality to improve management and policy making, International Institute for Applied System Analysis, Austria.

#ESR7

Assisting decision making with water quality predictions based on short-term weather forecasts, Dundalk Institute of Technology, Ireland.

#ESR8

Producing climate services related to seasonal and decadal prediction for an improved management of lakes devoted to drinking water supply, Catalan Institute for Water Research, Spain.



#ESR9

Combining forecasting tools and adaptive monitoring strategies for fast reaction plans for aquatic ecosystems at risk, Helmholtz-Centre for Environmental Research, Germany.

#ESR10

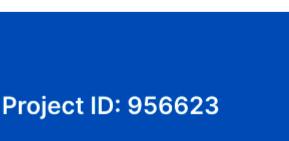
Combining forecasting tools and adaptive monitoring strategies for fast reaction plans for aquatic ecosystems at risk, Helmholtz-Centre for Environmental Research, Germany.

#ESR11

Adaptation strategies against progressing anoxia in lakes, The University of Stirling, UK.

#ESR12

Forecasting the phenology, production, and distribution of diadromous fish in order to enable climate adaptation in fish management, University College Cork, Ireland.



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news



inventWater projects

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque blandit nunc porttitor, rhoncus neque a,

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