



Under the Patronage of the



MINISTERO DELLA
TRANSIZIONE ECOLOGICA



RIVERS IN SPRING (22nd ed)
The 2nd VIRTUAL WORLD WATER DAY
in MANTOVA 22 March 2022

SHORT PRESENTATION



WWD Official aim for United Nations



- Lead citizens to reflect on the extraordinary nature of water resources, on the ecosystem services they give us, on the reduction of their quality as a result of pollution and climate change



WWD Official aims for United Nations (UN)

- But above all on the fact that billions of people do not have access to drinking water or water for toilets or have access to it for very limited quantities
- Quantities that are decreasing with climate change
- Hence the call for actions aimed at achieving the 17 macro objectives of the UN 2030 Agenda for Sustainable Development.





UN Official them of the event:

- GROUNDWATER:
MAKING THE INVISIBLE VISIBILE**



«Groundwater is invisible, but its impact is visible everywhere.

Out of sight, under our feet, groundwater is a hidden treasure that enriches our lives.



Almost all of the liquid freshwater in the world is groundwater.

As climate change gets worse, groundwater will become more and more critical.





We need to work together to sustainably manage this precious resource.

Groundwater may be out of sight, but it must not be out of mind.»

from <https://www.worldwaterday.org/>





With this in mind, 3 sub-themes were determined, for each of which a message was defined.

1. The hidden Solution

2. Protect and preserve

3. A changing world



from <https://www.worldwaterday.org/>



For WWD 2022 Info and materials



<https://www.worldwaterday.org/>

[Igrac](#) International Groundwater Resources Assessment Centre



Other topics are on the agenda:

- Water and Climate Change
- Water and Microplastics
- The tension Water-Energy
- Water and Agriculture
- Water and Ecosystem Services
- Etc.

(in view of the United Nations 2030 Agenda for Sustainable Development, in particular for the objectives n. 3, 6, 7, 12, 13 14, 15)





RIVERS IN SPRING 2022 AGENDA

To be defined once the General Framework
of the proposals is available



Venue of the event till to 2019 ... and
in the future (we hope)



Mantova Lakes

Venue of the 2022 event
.... the web



Till to 2019 ... and in the future (we hope)



Venue of the 2022 event: the web

WWD 2019





At the moment many things remain...

... but one thing is certain ... it will have an international character ... in the sign of ...



GLOBE Europe and Eurasia





Hope you will join us on the web!!!!

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GLOBE ITALY TEAM

**Images and documents on the WWD
in Mantova
2000-2019**

<http://www.labtercrea.it/gma-prima-pagina.htm>

Info and updates

www.globeitalia.it

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1. The hidden Solution

Groundwater is invisible, but its impact is visible everywhere. Our drinking water and sanitation, our food supply and natural environment - all of this relies on groundwater. Groundwater is of fundamental importance for the healthy functioning of ecosystems, such as wetlands. In deltas and coastal areas, groundwater also ensures soil stability and prevents the intrusion of seawater underground. Groundwater has always been of paramount importance to human society and ecosystems, but it has not been fully recognized. Groundwater must be at the center of the definition of sustainable development policies.

From <https://www.worldwaterday.org/>

2. Protect and preserve

What we do on the surface is important underground. We must only put harmless and biodegradable products on the soil and use groundwater as efficiently as possible. Human activities overload and pollute groundwater in many places. In others, we don't know how much water there is over there. Groundwater is hidden, but it doesn't have to be hidden. Groundwater needs to be used carefully and sustainably, but we can't manage what we don't measure. Groundwater must be thoroughly explored, analyzed and monitored.

From <https://www.worldwaterday.org/>

3. A changing World

Groundwater will play a vital role in adapting to climate change, particularly drought. We need to protect and explore groundwater, balancing the needs of people and the planet. Climate change is felt through water. In some places there is too much water; in others, too little. In the driest parts of the world, groundwater may be the only water people have. Groundwater crosses borders, just like climate change. We must work together to improve the way we share cross-border groundwater resources, balancing needs in a changing world.

From <https://www.worldwaterday.org/>