



**RIVERS IN SPRING (24th edition)
WORLD WATER DAY
IN MANTOVA 22 March, 2024**

In-Person and Online

In collaboration with GLOBE Europe-Eurasia Region Coordination Office



International Decade for Action on Water for Sustainable Development 2018-2028



Water is essential

- Access to water and sanitation is a precondition to life and a declared human right .
- Water is vitally important to sustainable development – from health and nutrition, to gender equity and economics
- Over the coming years, our water-related challenges will become more urgent.



International Decade for Action on Water for Sustainable Development 2018-2028



- The increasing demands of a growing population and rapidly developing global economy, combined with the effects of climate change, will exacerbate lack of access to water and sanitation for domestic uses.



International Decade for Action on Water for Sustainable Development 2018-2028



- In fact, many experts argue that an unpredictable supply of water could constrain socio-economic progress in the future.
- In the coming years, our water challenges will become more urgent



International Decade for Action on Water for Sustainable Development 2018-2028



- The Decade also highlights the importance of promoting efficient water usage at all levels, taking into account the **water, food, energy, environment nexus**; and stresses the importance of the participation and full involvement of all relevant stakeholders, including women, children, young people, older persons, persons with disabilities, indigenous peoples and local communities.



International Decade for Action on Water for Sustainable Development 2018-2028



- In order to accelerate efforts towards meeting water-related challenges, the United Nations General Assembly declared 2018-2028 as the International Decade for Action “Water for Sustainable Development”.

<https://sdgs.un.org/goals/goal6>



Take action



- Help inspire action to achieve the [2030 Agenda](#) by joining thousands of other people on [World Water Day](#) (22nd March) and [World Toilet Day](#) (19th November) to raise awareness of the water and sanitation crises and exert public pressure for change



Take action



- Learn about the importance of advancing sustainable development by reading the latest stories from around the world about what countries and organizations are doing to solve the global water crisis. This will help you make sense of what is happening and shape the debate.



Take action



Help energize the implementation of existing work by sharing stories and information through your social networks. Spreading knowledge and evidence will help you and others to raise awareness of progress and to hold elected representatives to account.



Facts & Figures

2.2 billion still live without safely managed drinking water, including 115 million people who drink surface water. ([WHO/UNICEF, 2023](#))

Roughly **half of the world's population** is experiencing severe water scarcity for at least part of the year)

[IPCC, 2022](#)



Facts & Figures



Water-related disasters have dominated the list of disasters over the past 50 years and account for 70 per cent of all deaths related to natural disasters.

[World Bank, 2022](#)

Transboundary waters account for **60 per cent** of the world's freshwater flows, and **153** countries have territory within at least 1 of the 310 transboundary river and lake basins and inventoried 468 transboundary aquifer systems [UN-Water, 2023](#)



Facts & Figures

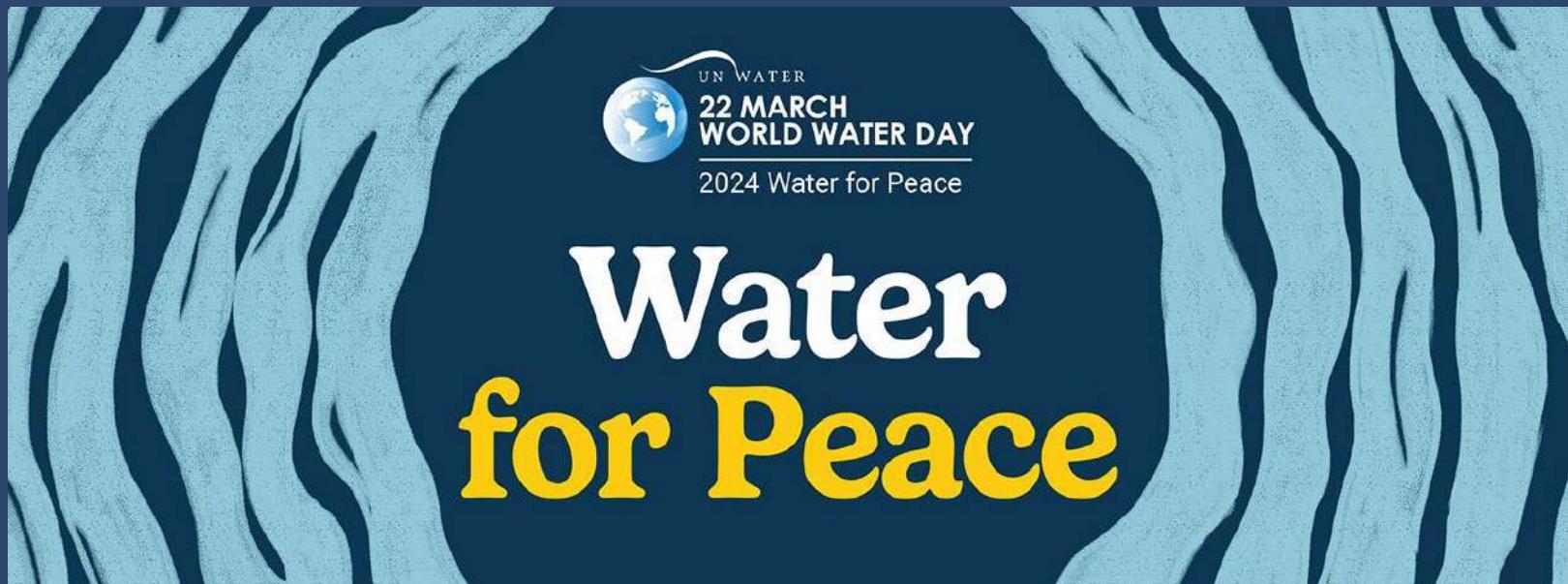
Only 24 countries report that all their transboundary basins are covered by cooperation arrangements.

[UN-Water, 2021](#)



WWD 2023 Official Theme

- **Leveraging Water for Peace**



<https://www.un.org/en/observances/water-day>



WWD 2023 Official Theme

Water for Peace



- Water can create peace or spark conflict.
- When water is scarce or polluted, or when people have unequal, or no access, tensions can rise between communities and countries.
- More than 3 billion people worldwide depend on water that crosses national borders. Yet, only 24 countries have cooperation agreements for all their shared water.



WWD 2023 Official Theme

Water for Peace



- As climate change impacts increase, and populations grow, there is an urgent need, within and between countries, to unite around protecting and conserving our most precious resource.
- Public health and prosperity, food and energy systems, economic productivity and environmental integrity all rely on a well-functioning and equitably managed water cycle.

<https://www.un.org/en/observances/water-day>



IL TEMA UFFICIALE DELLA GMA 2024



Creating a positive ripple effect

- When we cooperate on water, we create a positive ripple effect – fostering harmony, generating prosperity and building resilience to shared challenges.
- We must act upon the realization that water is not only a resource to be used and competed over – it is a human right, intrinsic to every aspect of life.

<https://www.un.org/en/observances/water-day>



IL TEMA UFFICIALE DELLA GMA 2024



Creating a positive ripple effect

This World Water Day, we all need to unite around water and use water for peace, laying the foundations of a more stable and prosperous tomorrow.

<https://www.un.org/en/observances/water-day>



IL TEMA UFFICIALE DELLA GMA 2024

- **Water for Peace**



Participating in World Water Day 2024 means working together to balance everyone's needs, with a commitment to ensuring that no one is left behind, to make water a catalyst for a more peaceful world.

<https://www.un.org/en/observances/water-day>



Link to information and materials on WWD 2024

<https://www.un.org/en/observances/water-day>

Teachers are encouraged to have a look of the documents made available by UNEP and discuss with students about the WATER-PEACE nexus



Other themes of the 2024 WWD in Mantova:

- Water-Climate Change Nexus
- Microplastics in water bodies
- Water-Energy Nexus
- Human Right to Water
- River Mincio Contract
- Water-Agriculture Nexus
- Water management



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



HOW THE EVENT IS STRUCTURED

- In-Person Event (local)
- National online live (GLOBE Italian Network)
- International online live (GLOBE Network)



AGENDA

- To be defined once we have the General Framework of the proposals





The international circuit/context in which the event takes place is that of the GLOBE Program, thanks to the support of the GLOBE Europe-Eurasia Region Coordination Office



**GLOBE Europe and Eurasia
Region Coordination Office**





Some images of the 2023 in-person event



2023 WWD



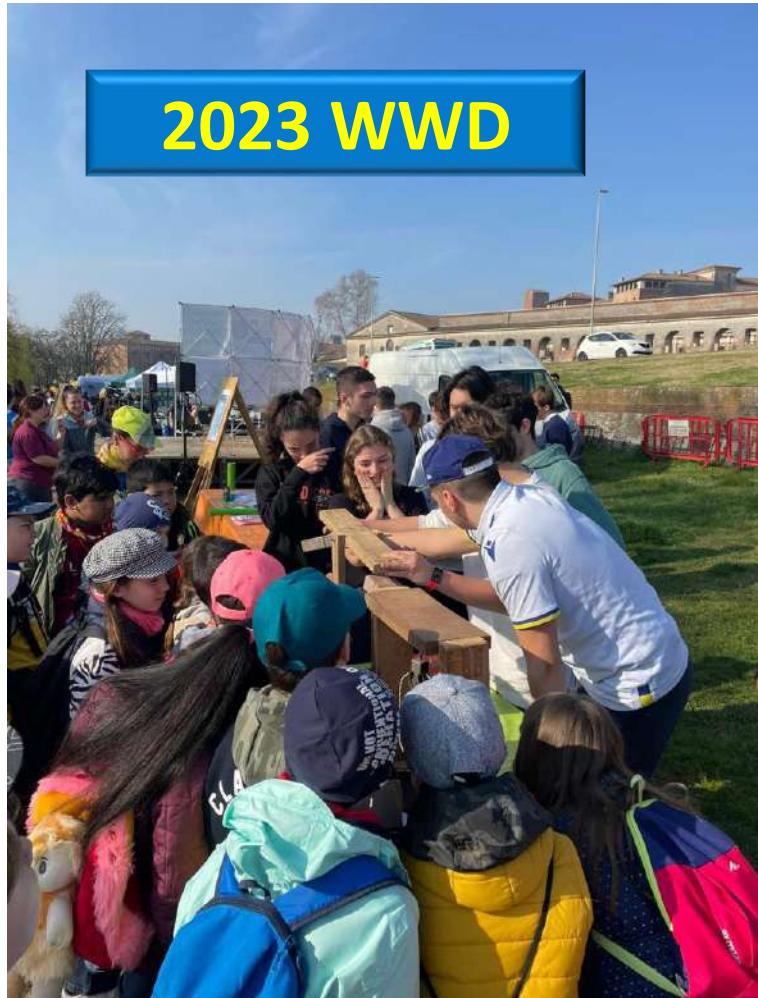
Some images of the 2023 in-person event



2023 WWD

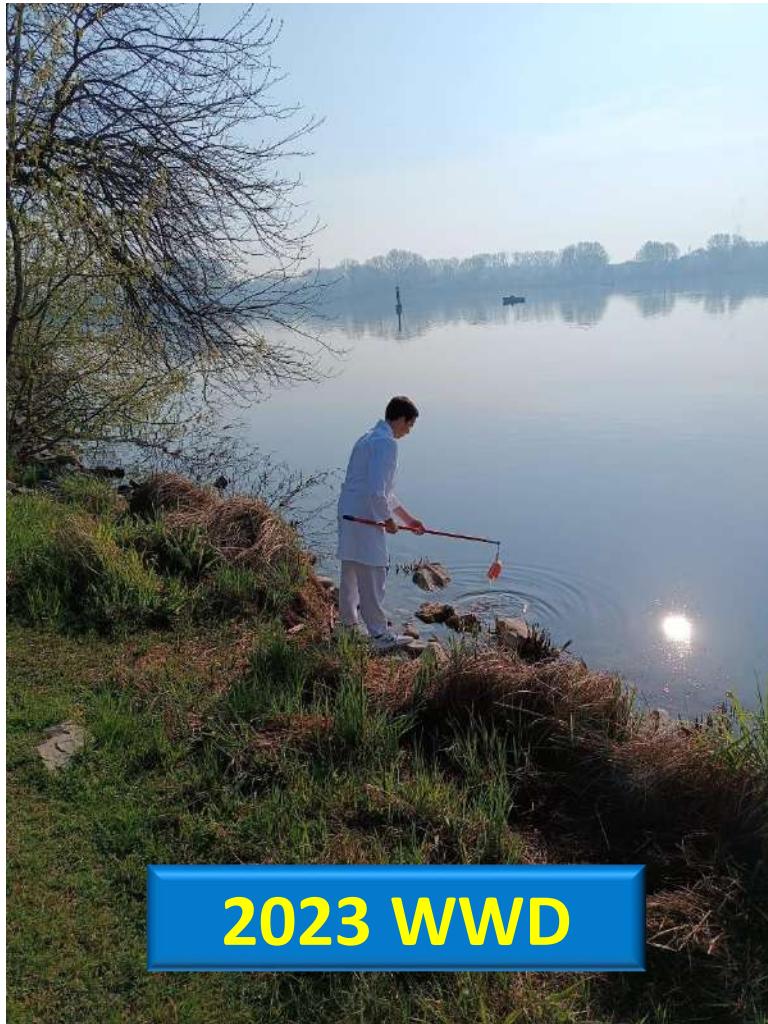


Some images of the 2023 in-person event





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Some images of the 2023 in-person event



2023 WWD



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2023 WWD



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Some images of the 2023 in-person event



2023 WWD



Schools, Bodies, Universities, Research Centers, Associations, Environmental Control and Protection Agencies, Companies, Citizens who have currently given their membership

Institutional Partners

- **Comune di Mantova, Settore Istruzione**, Dott. Silvia Romanini e sig. Maria Rosa Galafassi
- **Comune d Mantova, Settore Ambiente**, Dott. Roberta Marchioro
- **Provincia di Mantova, Settore Acque**, Dott. Paola Marazzoli
- **Provincia di Mantova, Ufficio Protezione Civile**, Ing. Arch. Marco Zappavigna
- **Parco del Mincio, Ufficio Stampa**, Dott. Paola Alberti
- **Parco Oglio Sud, Educazione Ambientale**, Dott. Lella Rossetti



UNIVERSITIES AND RESEARCH CENTRES

Representatives of the world of research

- **Joint Research Centre, European Commission, Ispra (VA)**, Dott. Beatrice Melone
- **Istituto per la BioEconomia, IBE, Consiglio Nazionale delle Ricerche, Firenze**, Dott. Luciano Massetti
- **Università di Modena e Reggio Emilia, Dipartimento di Scienze della Vita**, Prof. Daniela Prevedelli
- **Università di Parma, Laboratorio di Ecologia Acquatica**, Dr. Monia Magri e Dr. Edoardo Severini
- **Università di Ferrara, Laboratorio di Storia e Comunicazione della Scienza (DOS)**, Ing. Marco Faggioli
- **Centro Nazionale Biodiversità Forestale “Bosco Fontana” Carabinieri, Marmirolo (MN)**, Mar. Ord. Gianfrancesco D'Ambrosio



MANTOVA AND FRIULI VENEZIA GIULIA HIGH SCHOOLS

Historic Partners of the Event: Senior High Schools

- IS «**Fermi**» Mantova, **ITIS Corsi di Chimica**, Mantova Proff. Cristian Soncini, Adelia Pezzini (Leading GLOBE School)
- IS «**Fermi**» Mantova, **Liceo delle Scienze Applicate**, Mantova, Prof. Anna Leggio, Monica Baldini, Elisa Merlotti (Leading GLOBE School)
- IS «**Strozzi**» Mantova, Prof. Massimiliano Ghizzi, Ass. Tec. Paolo Mazzucco (GLOBE School)
- IIS «**Bassa Friulana**», **Cervignano del Friuli (UD)**, Proff. Lorella Rigonat, Paola Zanon, Graziella Mocellin, Maria Pia Coceano (Leading GLOBE School)
- ITET «**Mantegna**» Mantova, **Settore Sanitario**, Prof. Laura Lui
- ITET «**Mantegna**» Mantova, **Settore Ambientale**, Proff. Cinzia Manicardi, Adele , Maria Trazzi



COMPREHENSIVE SCHOOLS MANTOVA

Historic Partners of the Event: Schools

- IC Goito (MN), Goito, Cerlongo, Maioli plexuses, Prof. Sonia Grizzi (GLOBE School)
- IC Ceresara (MN), Piubega, Ceresara, Gazzoldo plexuses, Prof. Lucia Lubrano Lobianco (GLOBE School)
- IC «Parazzi» Viadana (MN), Prof. Franca Petocchi
- IC Castellucchio (MN), Castellucchio and Rodigo plexuses, Prof. Luisa Desiderio
- IC Mantova 2, Prof. Cristina Vighi
- IC Volta Mantovana, Primaria Monzambano (MN), Maestre Laura Biroli, Teresa Crisci
- IC Asola, Mantova, Proff. Sara Lamberti Zanardi, Barbara Poltronieri
- IC Canneto sull'Oglio/Acquanegra, Mantova, Proff. Morena Sinigardi e Noemi Mazzotta



Bodies, Associations, Environmental Control and Protection Agencies, Companies, Citizens who have currently given their membership

Historic Partners of the event

- **Regione Lombardia, UTR Val Padana – Mantova**, Dott.sse Sabrina Filetti e Carla Azzali
- **ARPA Lombardia, Sede di Brescia**, Dott. Maria Rosaria Boccuti
- **ARPA Lombardia, Sede di Mantova**, Dott. Alessandro Malavasi, Dott. Lorenza Galassi
- **ATS Val Padana**, Dott. Daniela Demicheli, Dott. Stefano Bacchi
- **Consorzio di Bonifica Territori del Mincio**, Agrotec. Filiberto Speziali (Presidente), Dott. Barbara Schiavinato, Geom. Davide Franceschetti
- **Comune di Bagnolo San Vito (MN)**, Rag. Maria Grazia Maestri, Assessore alle Attività Produttive e all'Ambiente
- **AVIS Comunale di Bagnolo San Vito**, sig. Antenore Bertolini (Presidente)
- **Alkémica Coop. Soc. Onlus**, Mantova, Dott. Corrado Benatti
- **PARCOBALENO, Centro di Educazione Ambientale MN**, Dott. Andrea Fiozzi



Bodies, Associations, Environmental Control and Protection Agencies, Companies, Citizens who have currently given their membership

Historic Partners of the event

- Agenzia Interregionale per il fiume Po, AIPO, Arch. Lorella Togliani
- AqA – gruppo Tea, Dott. Laura Genovesi
- CROCE VERDE Mantova, Dott. Moreno Cavalli
- FIPSAS Mantova insieme col Circolo Subacqueo Mantovano, il Presidente del Circolo, sig. Fosco Tartari
- Pro Loco “Amici di Rivalta”, il Presidente, sig. Loris Bassi
- Gruppo Canoistico Rivaltese, Dott. Fabio Severi
- Associazione “Amici del Mincio” , sig. Gino Ostini
- FIAB MANTOVA APS, il Presidente, Arch. Daniele Mattioli
- Associazione «Amici della Vallazza», il Presidente, sig. Luciano Reggiani
- Gruppo Speleologico Mantovano, sig. Davide Bettoni



Bodies, Associations, Environmental Control and Protection Agencies, Companies, Citizens who have currently given their membership

New Memberships

- **Tavolo del Mincio, 26 associazioni ambientaliste**, sig. Gilberto Venturini, sig.a Maria Grazia Coffetti
- **Ufficio Scolastico Regionale per la Puglia, Ambito Territoriale di Foggia**, Prof.ssa Maria Gambatesa
- **Comune di Pegognaga (MN)**, Manuela Tirelli, Assessore all'Istruzione
- **Associazione Parco dei Cedri nel Cuore ODV, Bologna**, Prof.ssa Vanna Ragazzini (ex GLOBE Teacher)
- **Depurazioni Benacensi, Peschiera (VR)**, Ing. Alessio Zucchi
- **Plastic Free Mantova**, sig. Giuseppe Tenedini
- **Circolo Legambiente Lamasena APS, Monte San Giovanni Campano (FR)**, sig.a Nadia Sorge



SCHOOLS IN ITALY

Schools, possible new online or in person Memberships

- IC Assisi 3, Assisi (PG), Prof. Angela Bolis (GLOBE School)
- IC Romeo Cammisa, Sant'Antimo (NA), Prof. Angela Vastante (GLOBE School)
- IC Santo Lussurgiu, Oristano, Proff. Maria Luisa Usai, Miriam Mastinu (GLOBE School)
- IC Tiziana Weiss, Trieste, Prof. Daria Parma
- SSPG «M. D'Azeglio», Marano (NA), Prof. Carla Visciano (GOBE School)
- ISIS Europa, Pomigliano d'Arco (NA), Prof. Sabrina Nappi (GLOBE School)
- IS «Gastaldi Abba», Genova, Prof. Soccorsa La Grotteria (GLOBE School)
- IS «Simoncelli», Sora (FR), Prof. Nadia Sorge
- IS «San Benedetto», Cassino (FR), Proff. Letizia Pontarelli, Annalisa Valente
- IS «Moscati», Sant'Antimo (NA), Prof. Paola Roscigno (GLOBE School)

**Images and documents of Rivers in Spring
editions from 2000 to 2019**

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

**Presentations and videos of Rivers in Spring
editions 2021-2022-2023**

www.globeitalia.it

Info and Updates

www.globeitalia.it

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