

Syrian Water Resources Platform



منصة الموارد المائية
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www.wrp-sy.org





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About the Syrian Water Resources Platform

Syrian Water Resource Platform is a joint space for work and coordination between humanitarian organizations, governmental and non-governmental bodies, universities, research centers, experts, and consultants interested and active in the water resources sector in northern Syria to improve the response and rationalization of resources and maximize the impact through coordination, integration and information management efforts.



Platform Strategic Objectives



Identify priorities in the water and sanitation sectors in line with the situation in the field and appropriate with the humanitarian and international standards.

Ensure and secure a data bank for the sector and make it shareable and accessible for all various actors.

Creating an enabling environment for sharing experiences and knowledge among platform members.

Provide partnership opportunities between platform members through developing integrated projects.

Stakeholder mapping of national water and sanitation actors.

Strengthen the communication between water and sanitation actors at all stages.

Advocate and highlight important issues in the WASH sector to reach a better response.

The infographic features a large blue water drop at the bottom center, set against a background of white clouds. The drop is surrounded by several concentric, thin blue circles. At the top, a dark blue, irregularly shaped bubble contains the title 'Platform principles'. Three white, irregularly shaped callout bubbles are arranged around the central drop, each containing a principle. The overall design is clean and modern, using a blue and white color palette.

Platform principles

The platform is not a substitute for the UN-WASH cluster, but rather supports and integrates with it.

The platform is not owned by the ACU, but it is hosted by it.

The platform is not a structured body that attracts funding for direct projects for the WASH sector, but rather to improve the response.



Platform Partners

The Platform includes members of humanitarian organizations, governmental and non-governmental bodies, universities, research centers, experts, and consultants interested and active in the water resources sector in northern Syria to improve the response and rationalization of resources and double the impact through coordination, integration and information management efforts.



Save the Children



SILK ROAD



Amal Organization
For Relief & Development



HiHFAD



BRD
BASMA FOR RELIEF & DEVELOPMENT



Big
Humanitarian Relief
للأعمال الإغاثية



General principles of participation in The Syrian Water Resources Platform

Exchange of
information
with keeping the
partner's rights to
information.

Mutual support
between partners
and the Platform
to achieve joint
objectives.

The commitment
of the partners
to the values and
objectives of the
Platform.

Stick to the
principles of
participation in
the platform and
attending the reg-
ular meetings.

The Platform itself
is committed to
transparency in its
work and neutral-
ism towards the
platform partners.

Ensuring the full
independence of
the participant
organizations in
managing their
internal affairs.

Participation
in the platform
does not
entail any
financial
obligations.





**Work
sectors**

Water

Access to multipurpose water is a daily challenge for the people of northern Syria, as the destruction of drinking water infrastructure, poor resource management, and ongoing population displacement contributed to an increasingly acute shortage of water. Access to multipurpose water is a daily challenge for the people of northern Syria, as the destruction of drinking water infrastructure, poor resource management, and ongoing population displacement contributed to an increasingly acute shortage of water. While the access to safe water depends on the regular and reliable availability of energy sources and electricity, the chronic energy crisis in northern Syria causes an increased need to ensure the capita quota covers all aspects of daily life including cooking, bathing, washing, and basic needs such as daily drinking water and safe disposal of sewage.

This section focuses on three main fields which are:

Communities
Water Systems /
Water Stations
in the
communities

Irrigation
systems

Water
Bodies

The main purposes of this section:

1. Establishing a comprehensive database for all water resources in northern Syria.
2. Sharing information, studies, and consultations with all humanitarian agencies and supporting actors, researchers, and decision-makers.
3. Highlighting the gaps and needs in the water sector in northern Syria.
4. Sharing experiences, and technical information through meetings, reports, studies, workshops, and training.
5. Contribute to advocacy aiming to address the water needs of the afflicted people in northern Syria.
6. Contribute with other platform members and through research, studies, and consultations to find more effective and sustainable solutions than groundwater to confront the shortage of potable water and drought in northern Syria.
7. Conducting a comprehensive assessment of public and private irrigation sources in northern Syria, identifying gaps and opportunities for development and emergency response.
8. Advocacy for the use of modern irrigation methods (drip irrigations – sprinkler irrigation ...etc.) to reduce the depletion of water resources.
9. Contribute to monitoring groundwater levels and developing strategies to confront the harsh pressure on groundwater.
10. Finding alternative sources for irrigation by promoting wastewater treatment and reuse in agriculture, given its importance in covering the shortage of available water resources and reducing environmental pollution resulting from sewage.
11. Developing sustainable sources and solutions to activate irrigation projects, such as solar energy systems and other modern technologies.

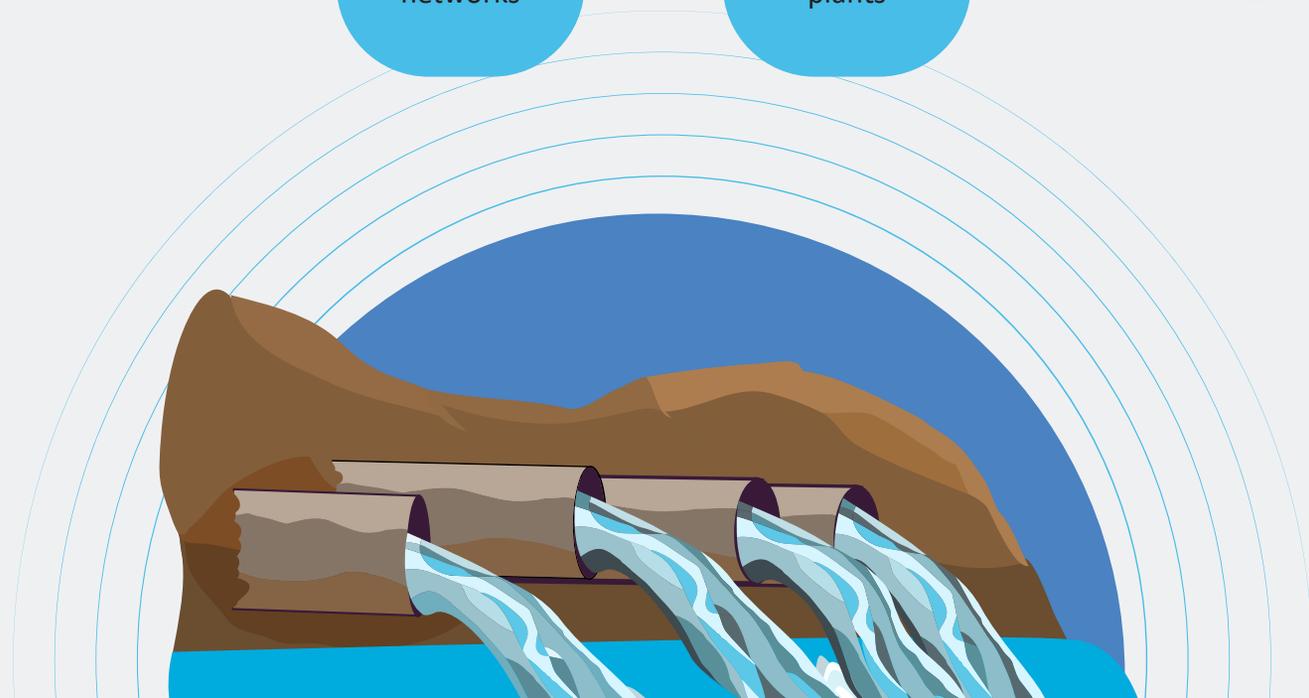
Sanitation

With the continuing humanitarian crisis in northern Syria where the infrastructure and sanitation facilities available for wastewater disposal and treatment are insufficient to meet people's needs, causing groundwater pollution and increasingly threatening public health. The absence of a policy or institutional framework for managing the process of disposing of wastewater safely and treating and reusing the wastewater in addition to the existence of gaps in data collection, monitoring, and management, as well as in coordinating activities, and access to reliable data regarding the state of sewage systems, inevitably leads to an exacerbation of the health, environmental and social crisis resulting from wastewater.

This section focuses on two main fields which are:

Community
wastewater
networks

Wastewater
treatment
plants



The main purposes of this section:

1. Seeking to obtain sufficient information on the technical status of the existing sanitation systems and wastewater treatment plants in northern Syria.
2. Working on producing a map showing the current locations of the sanitation systems including wastewater disposal sites, and wastewater treatment plants.
3. Working with the platform's partners and the relevant sectors to advocate to reduce the negative effects of the random disposal of wastewater on the open lands and encourage the donors to fund the projects aiming to treat and reuse the wastewater.
4. Exchanging information, studies, and consultations with all humanitarian agencies and supporting actors, researchers, and decision-makers.
5. Exchanging experiences, and technical information through meetings, reports, studies, workshops, and training.
6. Development of studies and experiences related to wastewater treatment in rural areas, small population communities, and camps in addition to working on developing more sustainable solutions in this regard and innovating ways to utilize the wastewater in irrigation and the production of compost.



Environmental health

The Syrian humanitarian crisis has resulted in significant environmental destruction namely the mismanagement of natural resources and waste, the pollution in all its forms and ways, the destruction of infrastructure, and drought as well. This situation has immediate consequences on the affected population besides the long-term impacts that might be extended for decades especially those related to the excessive depletion of the environmental resources such as water, trees, and wild animals and the pollution. Major environmental issues in Syria include deforestation, overgrazing, soil erosion, desertification, water pollution from the dumping of raw sewage and wastes from petroleum refining, and inadequate supplies of potable water. This harsh reality has direct effects on the local population in northern Syria, especially with the lack of available resources and difficult housing conditions especially in the camps, in addition to the lack of funding and technical capacity necessary to find sustainable solutions for managing wastewater and solid waste that led to exacerbating the negative effects on public health, social and local environment and population and their understanding of environmental awareness.

This section focuses on three main fields which are:

Solid waste
management

Vector
control

Hygiene
promotion



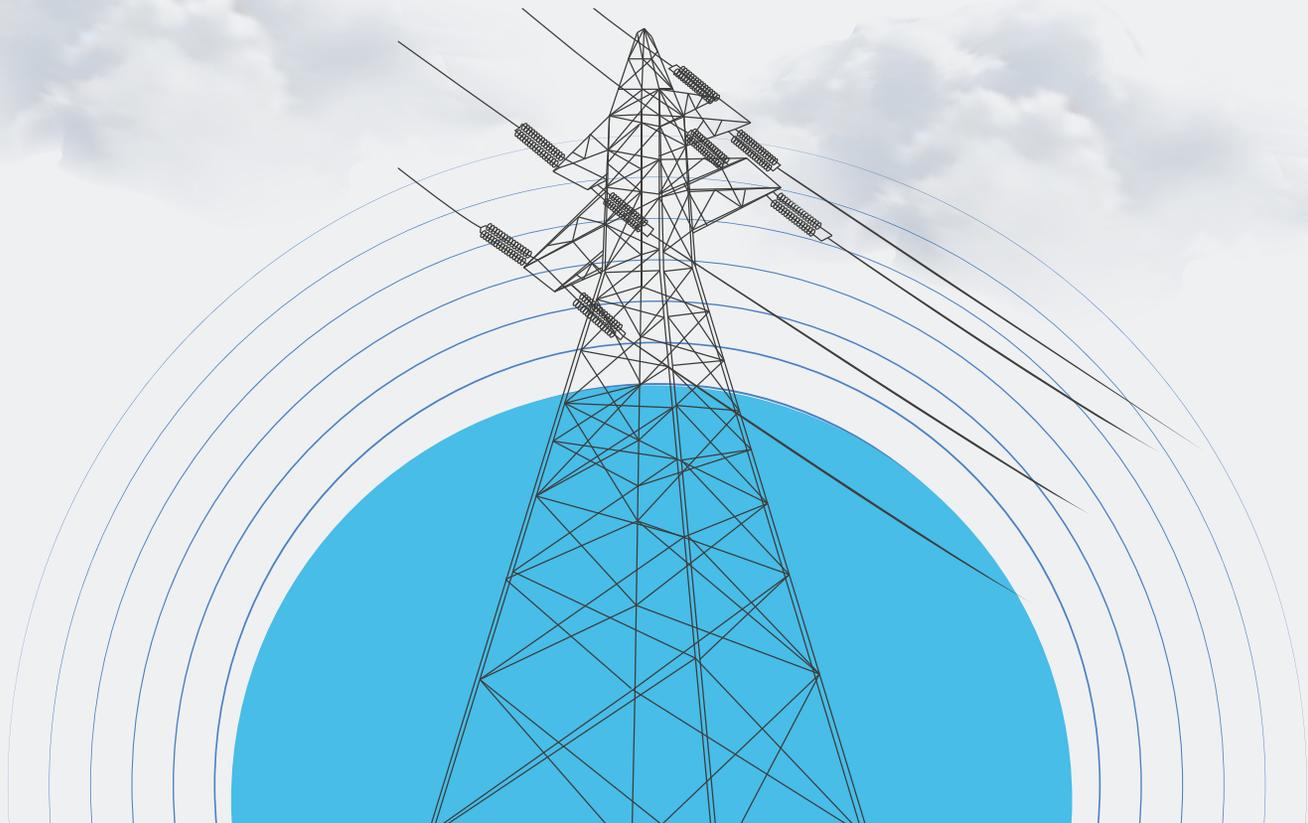
The main purposes of this section:

1. Mapping the reality of solid waste management in northern Syria in terms of available support, management methods, and available technical capacity.
2. Sharing updated information about solid waste dump sites that are used by cities, towns, and camps in northern Syria.
3. Exchanging the technical experience that related to the best ways and mechanisms to improve the reality of solid waste management in northern Syria in terms of ways of collection, separation, recycling, and the safe ways of burying through meetings, reports, and studies, workshops, and training.
4. Working on a guiding map for the spread of diseases transported by the different vectors such as flies, insects, and rodents, which will complement the current efforts to track waterborne diseases.
5. Supporting the efforts aimed at raising health awareness and changing behavior and practices among the population in northern Syria through sharing studies, reports, and information in addition to supporting advocacy efforts aimed at mobilizing funds that can be utilized to serve this goal.
6. Exchanging information, studies, and consultations with all humanitarian agencies and supporting actors, researchers, and decision-makers.



Energy sources

The energy and electricity sector is one of the main sectors that have been greatly affected during the last ten years of the humanitarian crisis in Syria. As we know that the infrastructure of the electricity grid has been severely damaged in most areas as a result of the battles and bombing, where in most cases the infrastructure no longer exists especially the wires, poles, and other utilities which have been destroyed or stolen, as it has become very difficult to reactivate it except by reinstalling all the missing parts, which has not happened in many areas that have so far been living without electricity for nearly ten years. Since many other sectors such as industry, factories, water pumping, irrigation, and road lighting depend mainly on electricity for operation, where all these sectors have been greatly affected as a result of the current situation and that prompted people in northern Syria to find alternative solutions to secure the needed Electric energy, such as generating electricity or using renewable energy such as solar and wind power where such sources seem more sustainable and effective in the conditions of the humanitarian crisis in northern Syria.



The main purposes of this section:

1. Mapping the reality of the different energy sources according to locations in northern Syria.
2. Exchanging the technical experience related to the best ways and mechanisms to improve the reality of energy sources in northern Syria especially renewable energy for various uses including drinking water treatment plants, water pumping stations, and wastewater treatment plants through meetings, reports, and studies, workshops, and training.
3. Supporting advocacy efforts aimed at increasing support and funding for renewable electric power plants to rely more on them, especially for irrigation and pumping water.
4. Exchanging information, studies, and consultations with all humanitarian agencies and supporting actors, researchers, and decision-makers.





Research & Reports

The platform is a space for exchanging experiences and knowledge in various ways and means, which include situation reports, research, information bulletins, assessments, and updated information taken from the field, which is shared periodically with the platform partners, and the external audience, and the donors.



The following are the key reports and research issued by the platform:

1. Technical status of the Pumping Stations reports: This interactive report covers 1276 stations and provides detailed information about these stations, including a comprehensive description of the equipment, pumping lines, pumps, pipes, electrical equipment, and generators in the station, and this report is updated quarterly.
2. Operational status of the Pumping Stations reports: This interactive report covers 1276 stations and provides information about the operational and sterilization status of the water stations and this report is updated biweekly.
3. WASH Biweekly Bulletin - Syria Early Warning Alert and Response Network: This report covers 1276 public drinking water stations monitored in 6 governorates, 1096 community-based, and 180 camp-based water stations. Also, this report focuses on the operational status of the stations and monitors and tracks waterborne diseases in all stations and areas it covers
4. Highlights on the reality of Water Systems: This report, which is issued quarterly, presents the reality of water in general in northern Syria and highlights some important points such as the per capita share of water disaggregated by location.
5. Camps Nearest Communities Water Station: This is an interactive report showing the locations of the camps in northern Syria and the water stations near them.
6. Other reports include case studies, assessments, research, and bulletins.





Sections and other spaces

There are other areas and sections in the platform to publish periodic news, events, and meeting news, which can be found under the events tab. Moreover, there is a tab for publishing training materials that members of the platform share with each other or with other organizations or entities. Upon entering this tab, you will find many useful and amazing training materials that you can use and transfer to others on the condition of preservation of property rights of the owner of the training.





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