

August Newsletter 2025

Latest WASH news

Impact of CC on water resources and adaptation measures for Lebanon 2025-2035 – 3 June 2025



LEWAP kicked off their first workshop for the year on the impact of climate change on water resources in Lebanon. In coordination with UNDP and other partners in the water sector, a workshop was organized on **June 3rd, 2025, from 10AM till 1PM in BDD Room 1280**. The aim of this workshop was to present Lebanon's Nationally Determined Contribution (NDC) priority and adaptation actions for the water sector, in-line with the country's National Water Sector Strategy for 2025-2035 get an overview of the involvement of WASH actors in the National Determined Contributions (NDCs). On the agenda for the day:

Agenda:

- 10:00AM – 10:05AM: Welcome note from LEWAP – Jasmine El Kareh, Platform Coordinator (5 minutes)
- 10:05AM – 10:20AM: Presentation from UNDP on – Leya Zgheib
 - o National Determined Contributions (NDCs) adaptation priority and actions for the water sector in Lebanon
 - o National Adaptation Plan actions for the water sector in line with the national water sector strategy 2024-2035 and stakeholder consultations
- 10:20AM – 10:30AM: Q&A
- 10:30AM – 10:45AM: Presentation from Agence Rhone Méditerranée Corse on integrated water resource management in France – Rémi Touron
- 10:45AM – 10:55AM: Q&A
- 10:55AM – 11:10AM: Coffee Break
- 11:15AM – 12:00PM: Presentation from NGOs in the WASH sector on their adaptation actions
 - o Every Drop Counts – Michel Samaha, WeWorld
 - o Oxfam and Climate Action – Elias Kinab, Oxfam
 - o Aqeel Mohideen, ACTED

- Sharbel Bayeh, Medair
- 12:00PM – 12:30PM: Discussion and Q&A
- 12:30PM – 1:00PM: Closing

To know more about the event check the conference report [here](#)

Mardi LEWAP on solarization of pumping stations and wastewater treatment plants – CNAM-LU – 17 June 2025

On June 17th 2025 LEWAP organized the first Tuesday LEWAP of 2025 with CNAM-Lebanese University on Renewable energy in the water and wastewater sector in Lebanon. The conference started off with a short presentation of LEWAP the aim and objectives, followed by a short video explaining what is CNAM and what kind of education they present. Three speakers were allocated from CNAM to present their knowledge, work and experience in renewable energy and the opportunities for the water and wastewater sector to dwell into. On the agenda:

- Presentation on Hydroelectric Power and Natural Battery: The Lebanese Case by Dr Bassam Mahmoud
- Presentation on Renewable Energies in Lebanon: Opportunities and Perspectives by Dr. Ali Karaki
- Presentation on Wastewater Treatment Model in Lebanon: The Batroun Wastewater Treatment Plant by Lamis Matta.

To know more about the presentations and the conference report, check the link [here](#)



Humanitarian Carbon Calculator



arche noVa is currently implementing a global WASH project focused on strengthening climate resilience, in partnership with two other German NGOs as part of a consortium, with funding from the German Federal Foreign Office (GFFO). One of the key objectives of the project is to promote the integration of environmentally sustainable and climate-sensitive practices within the humanitarian WASH sector. This includes introducing and promoting the use of tools such as NEAT+ (Nexus Environmental Assessment Tool), the Humanitarian Carbon Calculator, and other green tools among implementing partners. Beyond the core consortium, the project also aims to engage with other WASH actors operating in the same countries to assess the familiarity and usage of these tools. To support this effort, we plan to share an informational link with other WASH partners to gauge their awareness of the tools and explore their interest in participating in an introductory session.

The HCC is a practical tool designed to help humanitarian organizations measure and understand the carbon footprint of their operations and activities. By identifying the main sources of greenhouse gas emissions such as transportation, procurement, energy use, and project implementation. NGOs can gain valuable insights into their environmental impact. The HCC supports organizations in making informed decisions that align with climate-conscious programming and sustainability goals. For NGOs operating in crisis and development settings, using the HCC is an important step toward reducing environmental harm, improving accountability to affected communities, and contributing to global climate action efforts. It also enables organizations to report more transparently on their environmental performance and explore mitigation strategies tailored to their context.”

HCC link: <https://www.climate-charter.org/humanitarian-carbon-calculator/>

AN Survey link:

<https://docs.google.com/forms/d/e/1FAIpQLScJa0klavVPVPKrDxDxG3lOwh7oscn4mhSPBxA8Gr8NR481Ae2g/viewform>

1st Multi-stakeholder Consultation on the preparation of an Integrated Management Plan (IMP) from Source to Sea for the Damour Area (1-3 July 2025, Beirut)

The Mediterranean Sea Programme (MedProgramme) funded by the Global Environment Facility (GEF)¹ and implemented by the Mediterranean Action Plan of the United Nations Environment Programme (UNEP/MAP) carries out priority actions to:

- reduce major environmental stresses in the Mediterranean coastal areas;
- strengthen climate resilience and water security and;
- improve the health and livelihoods of coastal populations.

Four of the International Organisations executing MedProgramme activities, namely the Global Water Partnership-Mediterranean (GWP-Med), the Priority Actions Programme Regional Activity Centre (PAP/RAC), Plan Bleu Regional Activity Centre (Plan Bleu/RAC) and UNESCO Intergovernmental Hydrological Programme (UNESCO IHP) have joined forces to assist Lebanon in finding solutions to priority challenges related to securing key life resources and protecting its environment, through targeted interventions that promote the sustainable and integrated management of natural resources.

The consultation meeting is over 2 days covering the following:

- The development of an Integrated Management Plan for the Damour Area from source to sea (Damour IMP)
- Cross-sectoral coordination and spatial integration for enhanced natural resources management in Lebanon within the framework of MedProgramme

The 1st Multi-Stakeholder Consultation on the Preparation of an Integrated Management Plan (IMP) from Source to Sea for the Damour Area was successfully held in Beirut from 1-3 July 2025.

This event was organized within the framework of the [GEF UNEP/MAP MedProgramme](#) Child Projects 2.1 and 2.2 by the [Global Water Partnership-Mediterranean \(GWP-Med\)](#), [Plan Bleu Regional Activity Centre \(Plan Bleu RAC\)](#), [Priority Actions Programme/Regional Activity Centre \(PAP/RAC\)](#), and [UNESCO Intergovernmental Hydrological Programme \(UNESCO IHP\)](#).

The consultation brought together representatives of National, regional and local institutions and administrations, academia and research centers, non-governmental and international organisations, private sector and experts to discuss opportunities and challenges associated with developing the IMP for the Damour Area. The IMP preparation uses as a guiding framework the Integrative Methodological Framework jointly established by GWP-Med, PAP/RAC and UNESCO IHP, which foresees the formulation of a comprehensive plan for the entire "source to sea" continuum instead of creating separate management plans for the coastal zone, surface water, and aquifers. By bringing together diverse disciplines such as hydrology, economics, and social science, this unified strategy tackles complex challenges head-on. It aims to ensure sustainable water management while honoring the deep interconnection between land, freshwater, coastal, and marine ecosystems.

Discussions during the Consultation event also related to synergistic actions carried out by the above organizations to support Lebanon with updating its Integrated Coastal Zone Management (ICZM) Strategy and Law, as well as enhance the integrated management of natural resources through the Water-Energy-Food-Ecosystems (WEFE) Nexus approach

and the Conjunctive Management of Surface Water and Groundwater, as described in the attached Information Note.

Stay tuned for key findings, recommendations, and next steps.

National and institutional news

News from the Ministry of Energy and Water – Every Drop Counts campaign 2025

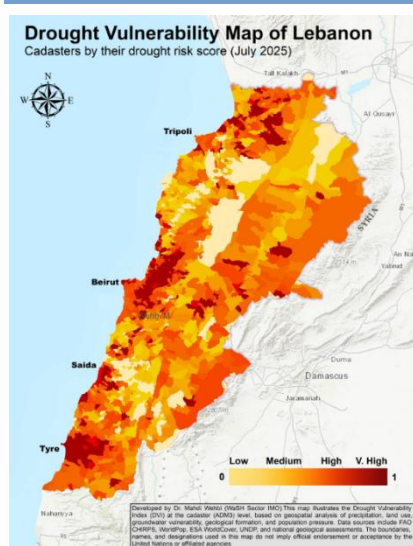


In light of the severe water shortage expected in summer 2025, due to this year's low rainfall, the Ministry of Energy and Water in Lebanon has launched a national campaign to raise awareness and promote water conservation.

To access the campaign materials, review the link [here](#)

Under the guidance of Minister Joe Sadé, the campaign highlights the vital role of citizens in using water responsibly. Supported by the German government through GIZ, the awareness materials will be disseminated via television, radio, digital platforms, and public billboards. This initiative complements the emergency water shortage plan developed by the water authorities under the Minister's direction.

News from the WaSH Sector



Lebanon is facing its most severe drought in decades — and the risks to water access, public health, and food security are rising fast. On July 3rd 2025, the WaSH Sector released its official Drought Advocacy Note, highlighting the most vulnerable areas across the country ; the note highlights emerging impacts on public health, agriculture, and access to water, while calling attention to urgent preparedness needs. A national Drought Vulnerability Map - based on a Composite Drought Vulnerability Index (DVI) - identifies 274 cadasters as highly or very highly vulnerable, using indicators such as groundwater quality, aquifer resilience, land use, population pressure, and climatic stress.

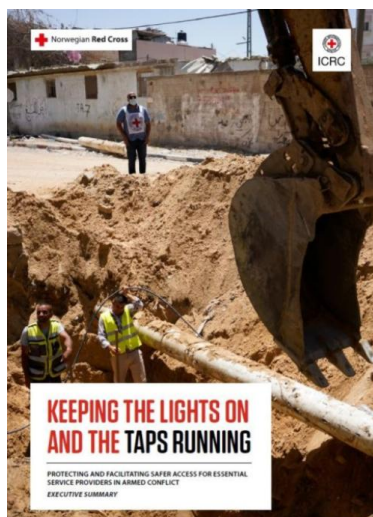
The document outlines priority actions for emergency response and long-term resilience, and calls for \$42.2 million in funding to sustain water access and strengthen Lebanon's climate-resilient WaSH systems.

To access the document check the [link here](#)

Latest publications

More publications on LEWAP and pS-Eau [database](#). To share a publication, send it via email to contact@lewap.org.

Keeping the Lights On and the Taps Running: Protecting and Facilitating Safer Access for Essential Service Providers in Armed Conflict – Norwegian Red Cross and ICRC

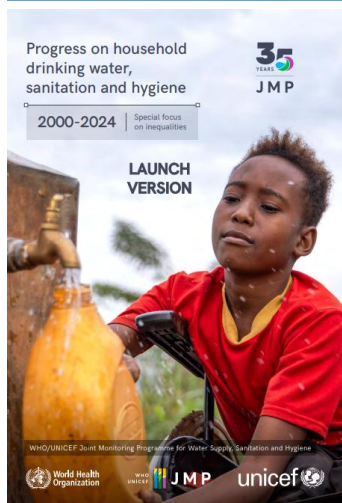


In this report, the Norwegian Red Cross and ICRC examine the crucial role of the personnel who operate, maintain, and repair electricity, water and sanitation infrastructure during armed conflict in urban contexts and review the Movement's operational experience in facilitating safer access for them in Gaza, Syria and Ukraine, among other. Emphasizing the protection of and support to essential service providers as a vital element of humanitarian action, the report gives practical recommendations to humanitarian actors, political authorities and donors, as well as essential service providers themselves.

Full report – English: [Keeping the Lights On and the Taps Running: Protecting and Facilitating Safer Access for Essential Service Providers in Armed Conflict](#)

Executive summary – English & Arabic: [Keeping the Lights On and the Taps Running: Protecting and Facilitating Safer Access for Essential Service Providers in Armed Conflict – Executive Summary](#)

Progress on household drinking water, sanitation and hygiene – WFP/UNICEF JMP 2000–2024



The World Health Organization and United Nations Children’s Fund (WHO/UNICEF) Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) was established in 1990. It has been producing internationally comparable estimates of progress on drinking water, sanitation and hygiene (WASH) for 35 years and is currently responsible for global monitoring of the Sustainable Development Goal (SDG) targets related to WASH. In 2024, the JMP released updated estimates for WASH in schools and WASH in health care facilities (2000–2023). This report presents updated national, regional and global estimates for WASH in households for the period 2000–2024.

To access the report, check the link [here](#)

A study of the negative environmental impacts of the random construction of houses and facilities within the sanctuary. Rash'in and Qadi Springs – North Lebanon

A study was conducted by Dr Samir Zaatiti in regards to the negative environmental impacts of the random construction of houses and facilities around Rashiine and Qadi Springs in Zgharta area north Lebanon. This study was a hydrogeological study with the attempt to define a natural sanctuary to protect spring water from bacterial and chemical contamination.

The report was done in Arabic, to access it check the link [here](#)

Upcoming events in Lebanon – date and further information will
be sent via email

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 <https://www.linkedin.com/in/lebanese-water-actors-platform-29ab19298/>

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Contribute to LEWAP newsletter!

This newsletter has been published in order to keep you informed about
the updates in the water sector and can be enriched by your contribution

Do not hesitate to communicate to us any information which are likely to
be interest to other members in the network on contact@lewap.org