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The vision for Collaboration for RA VI in Infrastructure, Services and Research based on the «Earth system» approach: The future of NMHSs

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World Meteorological Organization
Organisation météorologique mondiale

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU



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From our sense of responsibility towards all weather hazards impact human life and also lead to economic losses and believing the Impact of climate change, as Jordan had faced a very sad tragic time that happens five years ago when a group of 23 school student lost there lives as a result of a sudden flash floods at the Dead Sea.



From that moment JMD is knocking all doors and look for all ways to work with all local national associations and international organizations especially the WMO on early warning system.

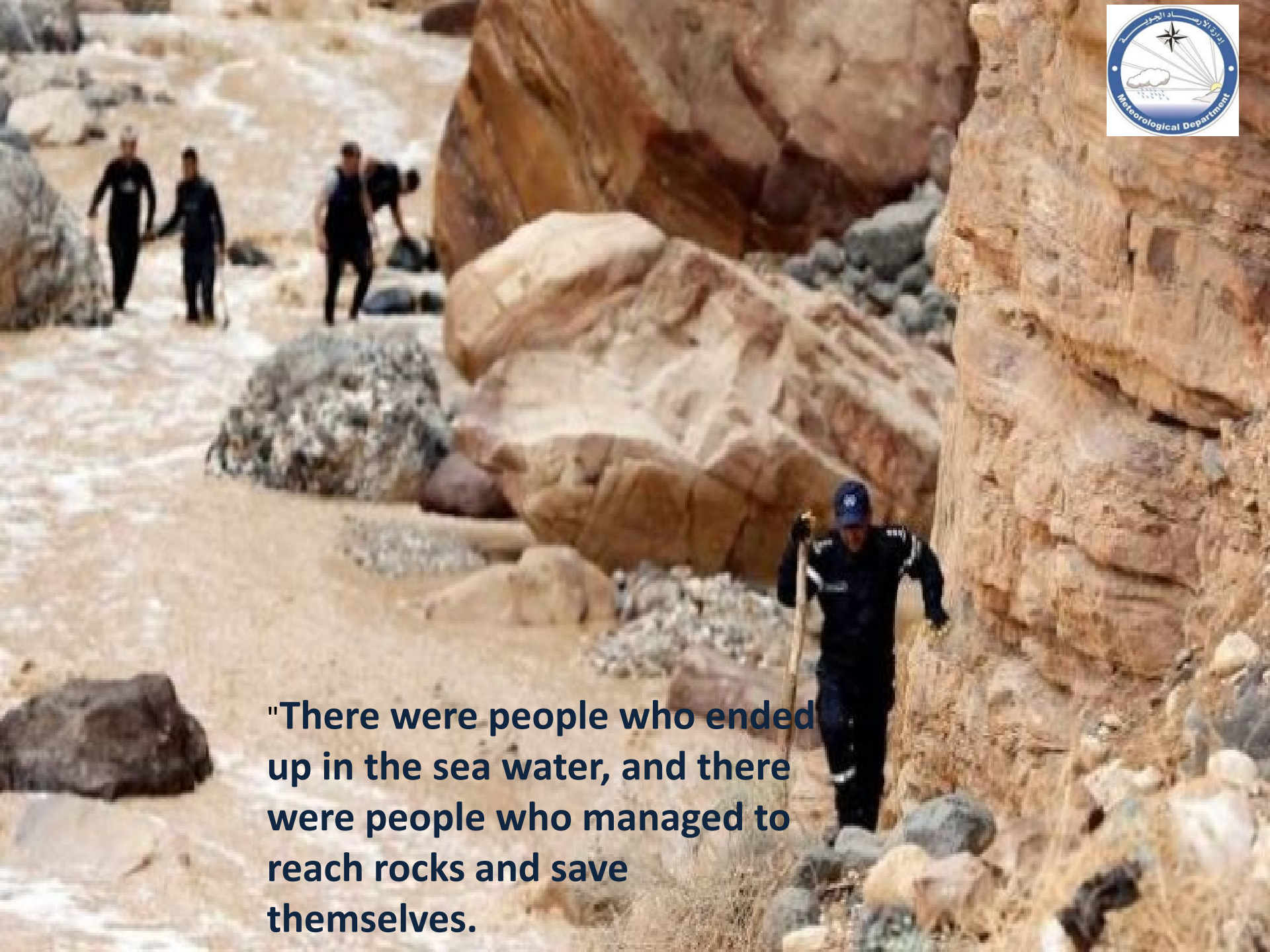


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Flash floods and The dead sea tragedy 2018

The Dead Sea is the lowest point on Earth and popular with visitor
But its arid conditions and its deep canyons make it susceptible to flash
floods.



"There were people who ended up in the sea water, and there were people who managed to reach rocks and save themselves.



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JMD and WMO



JMD is fully supporting WMO strategies and resolutions

Regarding Data Sharing Strategy

• Since June 2020 JMD is a participating country with the Regional Center for the BLACK SEA AND MEDEL EAST Flash Flood Guidance system (BSMEFFGS) with country partners

- Armenia
- Azerbaijan
- Bulgaria
- Georgia
- Israel
- Lebanon
- Syrian Arab Republic
- Turkey (Regional Centre)

and been sharing its RADAR images and observation stations.



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JMD is part of a Disaster Risk Reduction and Capacity Development project such as (SEE-MHEWS-A) South-East European Multi-Hazard Early Warning Advisory System, JMD provides all the required data, whether climatic or observational, in order to develop this system in the interest of the participating countries.

Albania

- Bosnia and Herzegovina

- Bulgaria

- Croatia

- Cyprus

- Greece

- Hungary

- Israel

- Lebanon

- Montenegro

- Republic of Moldova

- Romania

- Serbia

- Slovenia

- North Macedonia

- Türkiye

- Ukraine





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JIP –PROJECT JORDAN –PALESTIN –ISRAEL

In recent years, Jordan has suffered from the phenomenon of sudden flash floods. There were tragic losses in lives and also economic losses. The weather systems causing this flash floods and its impact extend to include other neighbor countries, such as Palestine and Israel.



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JIP –PROJECT JORDAN –PALESTIN –ISRAEL

Here the idea began to build a warning system that includes Jordan, Palestine, and Israel.

**The project was supported from OCHA (Office for the coordination of Humanitarian aid),
and ECHO (European Commission office for humanitarian aid).**

where the experiences that were Provided by the World Meteorological Organization (WMO) and advices, had a major role in bringing the point of views closer to the success of the project between the three parties.

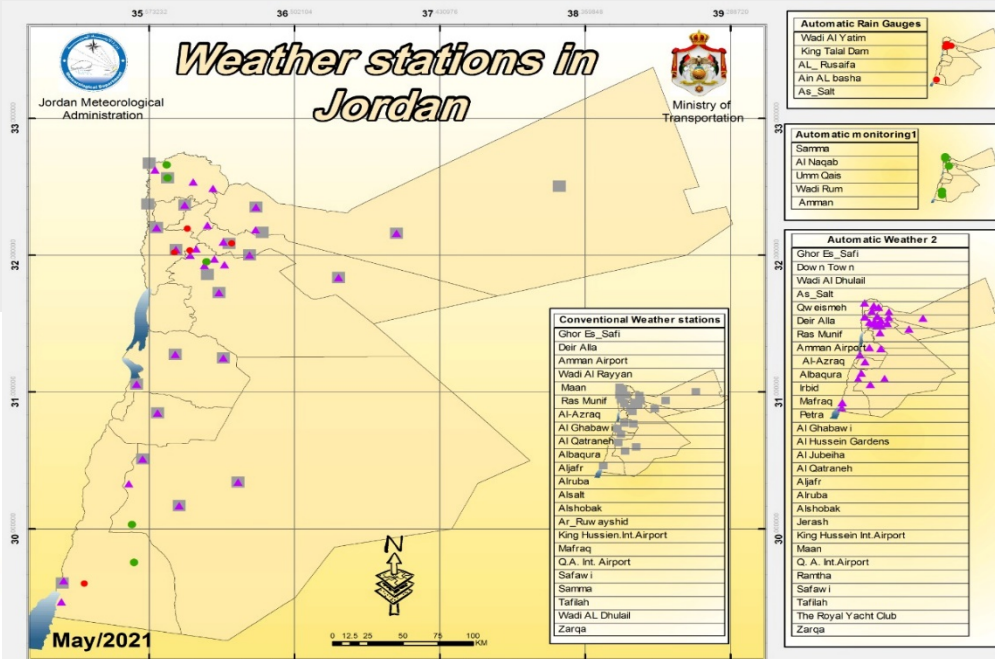


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JIP –PROJECT JORDAN –PALESTIN –ISRAEL



It was agreed between the meteorological departments of the three countries to exchange Data (climatic data, radar images, satellites, automatic observation stations and numerical model data), where the infrastructure was prepared. Therefore, soon the last steps will be completed with the exchange of data, where a common database will be created that will transcribe and display the data collected for the three parties and will be of great use in calibration operations and adjusting products, whether radar or numerical models used to launch warnings.





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In addition of that, it was agreed to work on capacities building of the three countries with WMO support in the field of flash flood forecasting and work to build a joint electronic operation center for flood forecasting.



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JMD is making all its efforts to make this project a success and looking forward to expand the project to include not only flash floods, but other phenomena such as **Dust Storms** which is an interest of JMD that also affect the countries.



We always strive and believe, as are all members of the World Meteorological Organization WMO , that every human being deserves to receive a warning of severe weather phenomena in a timely manner to achieve the goal of our existence, which is to contribute to the protection of lives and property.



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Thank you

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