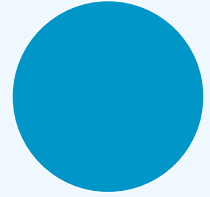


Water Issues in Tarsus–Mersin



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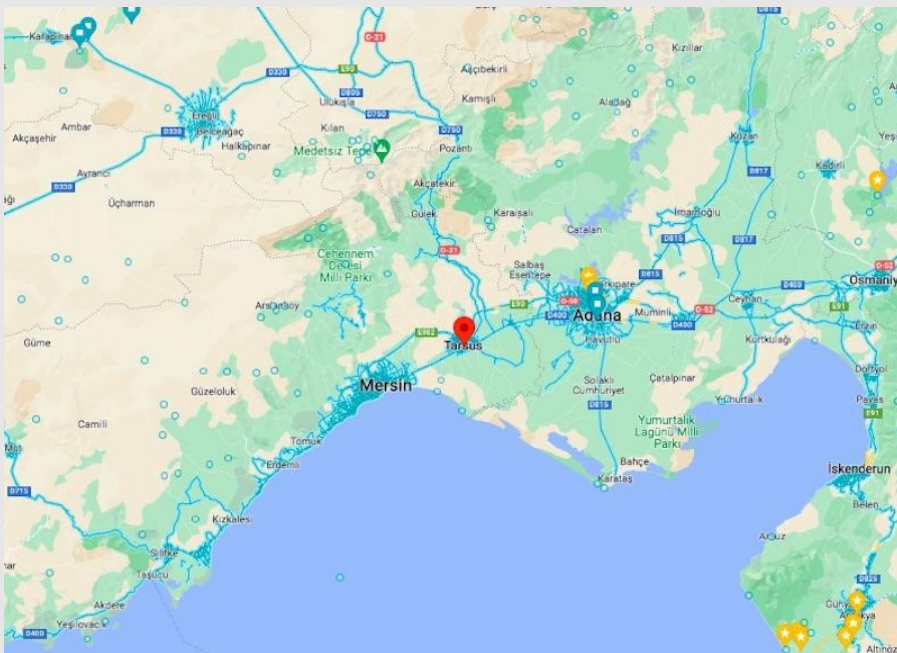


MERSİN-TARSUS
FATİH ANADOLU LİSESİ



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Water is the main source of life above all else!



You are in Tarsus, just between Mersin And Adana cities, close to Mediterranean Sea and Toros Mountains.



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Water is the main source of life above all else!



Berdan River (in ancient times it was also known as Kydnos River) is the main source for water in our city.



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Without water, there will be no more life!



There are 3 hydroelectric dams on that river, both reserving water and producing electricity.



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Today we are facing with the risk of drought!



Unfortunately most of the water sources in our region are decreasing!



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There are 3 main reasons for this!

- Intense use of groundwater agriculture.
- Coastal problems and lack of capability to use sea water.
- The drastic decrease in rainfall.



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There are lots of results!

- Declining groundwater levels.
- Inefficient flood irrigation practices.
- Salinization near coastal farmlands.
- Urban & industrial demand rising.
- Higher drought frequency.



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What can be done?



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Lets do STEM it!



- Smart irrigation prototype.
- Rainwater harvesting model.
- Groundwater monitoring unit.
- Solar desalination experiment.
- Leak detection prototype.



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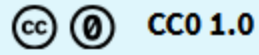
**We hope that water will not be a motivation
for a 3rd World War!**



**THANKS
FOR
LISTENING**



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