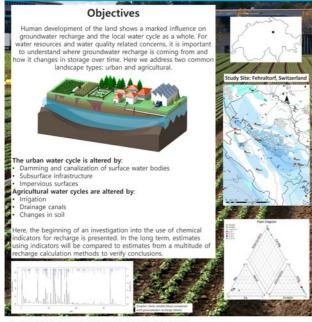




Robin Weatherl (1,2), Mario Schirmer (1,2)

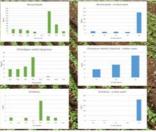


## Micropollutants as Indicators

ollowing an altered water cycle, groundwater recharge in urban and agricultural reas includes natural and artificial sources, such as:

- Stream infiltration Irrigated fields and gardens Sewers and water mains leakages Impervious surface runoff

Micropollutants are a powerful tool for identifying and quantifying such sources in the groundwater. Different classes of micropollutants are used in distinct land use types, and often also show distinct behaviors during rainy and dry conditions. These characteristics can be used to differentiate sources and quantify their input.



## **Next Steps**

A time series of micropollutant concentrations is needed to properly quantify dynamics. More compounds which strengthen the information gained from those currently measured must be included in future campaigns. Compounds which capture other suspected sources of recharge will also be considered.





