

### Enhancing knowledge on long term hydro-social trajectories

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#### ▶ To cite this version:

Fabienne Errero Brancato, Juliette Cerceau, Christelle Gramaglia, Guillaume Junqua, Patrick Lachassagne. Enhancing knowledge on long term hydro-social trajectories. IS RIVERS 2022 - Integrative Sciences: Recherches et Actions, Jul 2022, Lyon, France. , 2022. hal-03703014

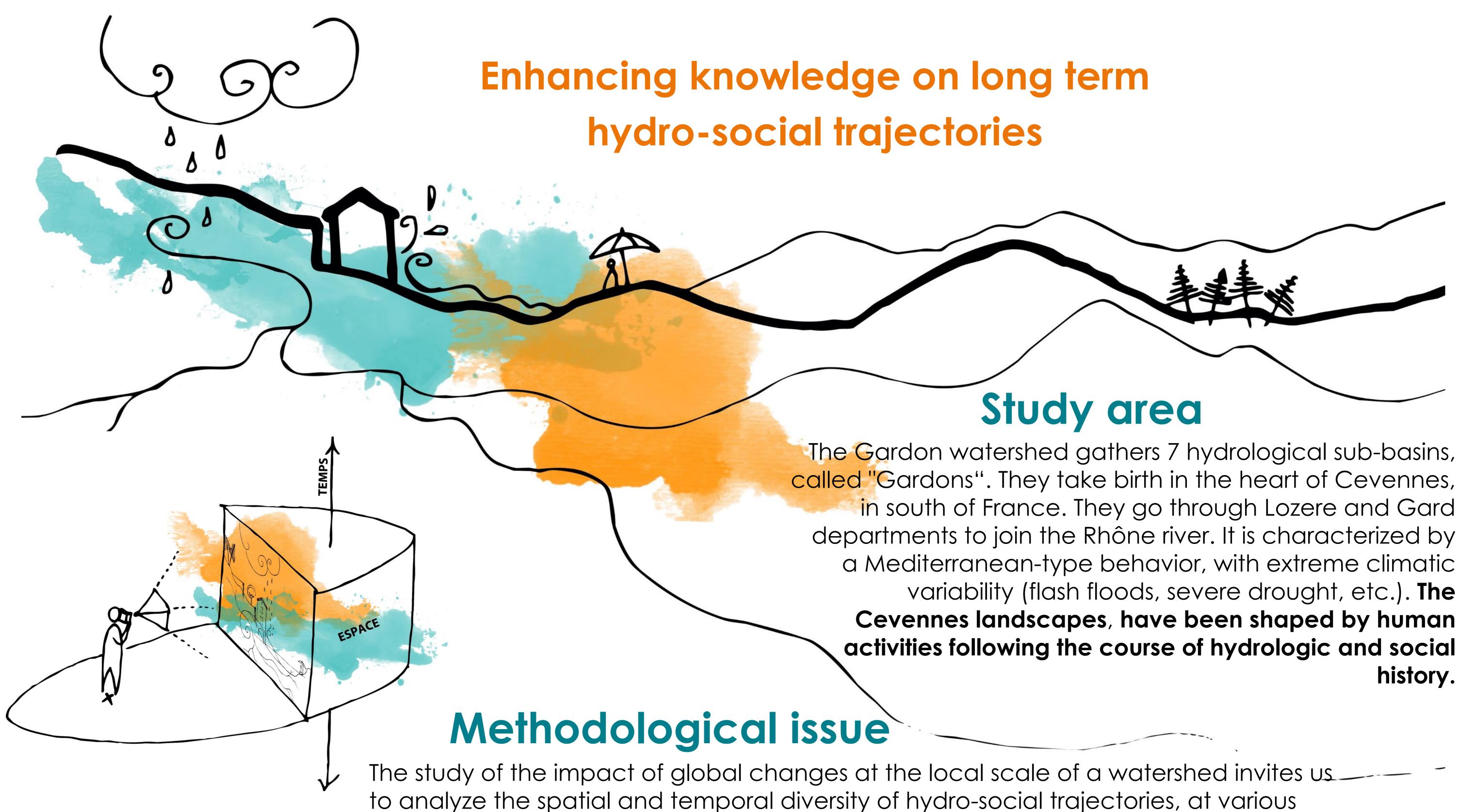
#### HAL Id: hal-03703014

 $https://imt\text{-}mines\text{-}ales.hal.science/hal-03703014v1}$ 

Submitted on 26 Sep 2024

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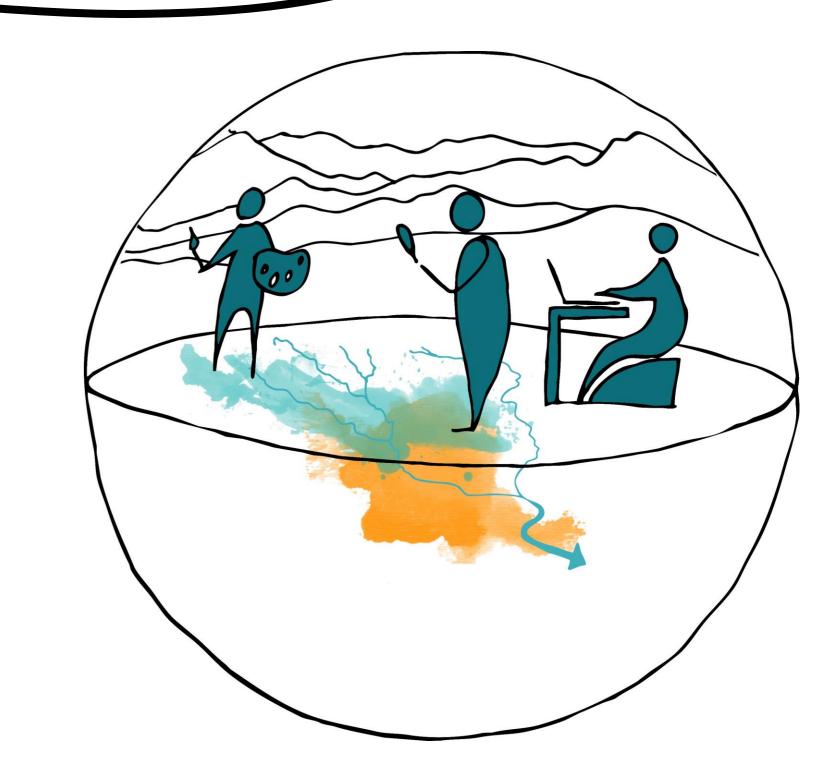


scales (spatial nesting) and through impermanent frames of reference (temporal nesting). It imposes the question of the **baseline** from which to observe these evolutionary dynamics. **How to choose spatial and temporal baselines for the study of long term hydro-social dynamics?** 

# Identification of baselines, a sampling approach

The identification of spatial and temporal baselines is similar to a **sampling approach**: it consists in the localization of data collection places likely to highlight hydro-social interactions and their evolution. The methodological approach is based on 3 stages:

- An **exploratory approach** through a series of surveys conducted with local experts (geologists, hydrologists, historians, geographers, anthropologists, architects);
- A factual approach through hydrological and hydrogeological characterization;
- An *in situ* approach based on sensitive impregnation, landscape observation and spontaneous encounters with inhabitants.

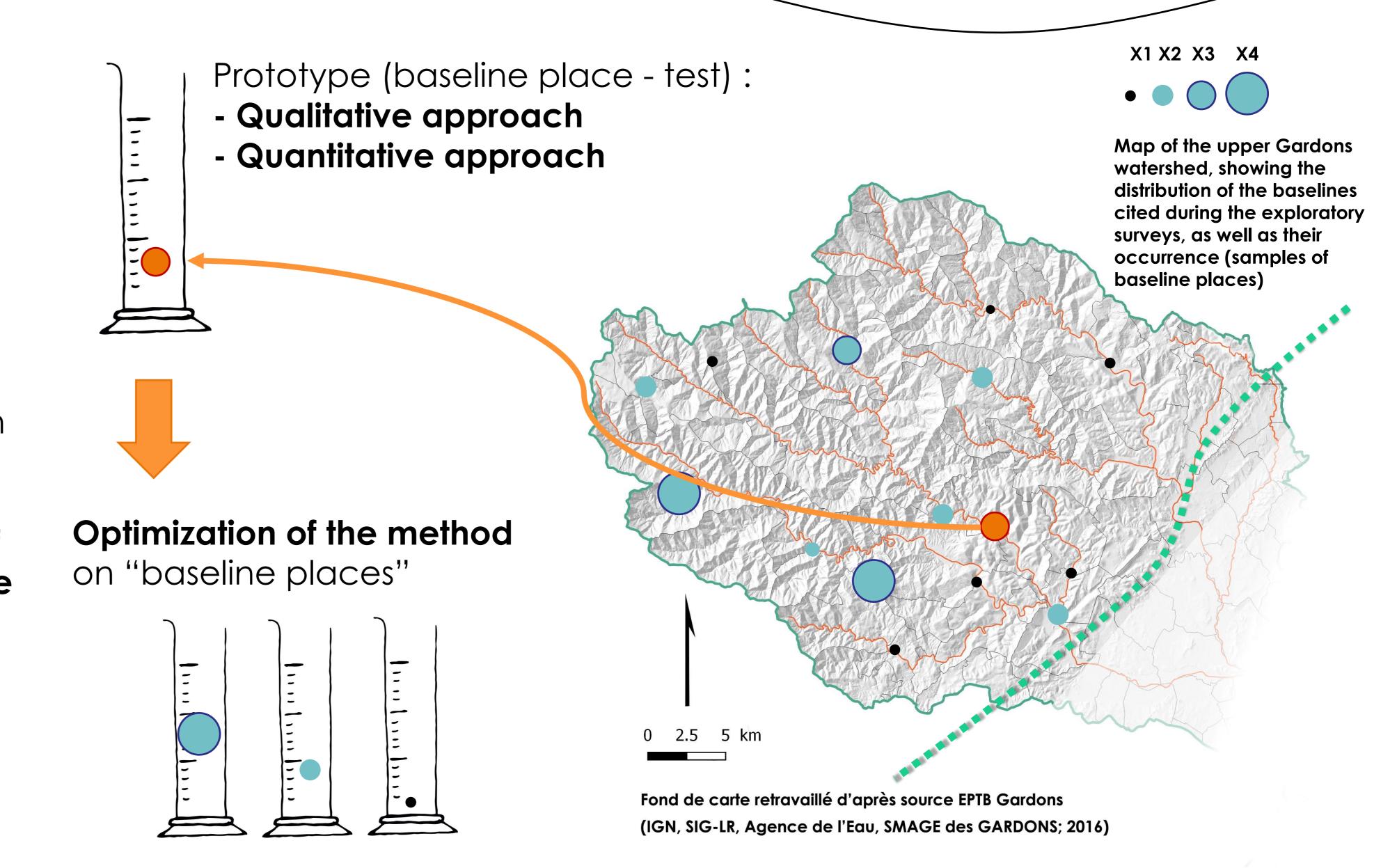


## Sample selection

Samples of "baseline places" are identified from which to study hydrosocial trajectories.

In order to optimize the analysis method, it must be tested on a **prototype**, before being duplicated on each baseline place.

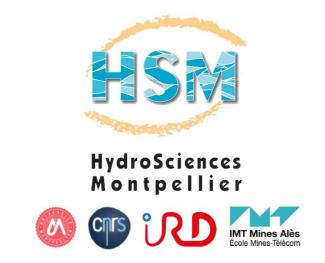
The whole process leads to a review of the relevance of the choice of baseline places. It also allows for the development of a transdisciplinary approach that can be replicated in other territorial contexts.















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