

# Using hydrochory for agricultural landscape revegetation

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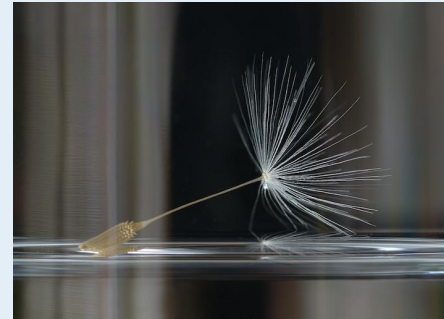
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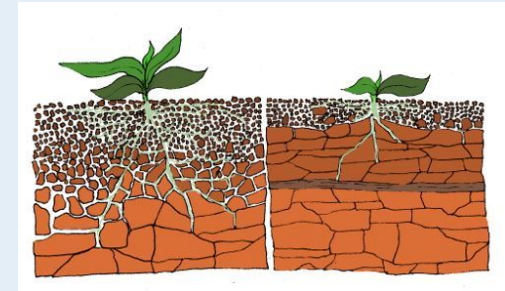
# What is hydrochory ?

- Dispersal of a plant part/an entire plant moved by flowing water
  - Usually we focus on seed dispersal
- On land, usually linked to soil erosion



Sources : Parolin et al., 2005 ; Garcia-Fayos & Cerda, 2004

# Agricultural landscape revegetation

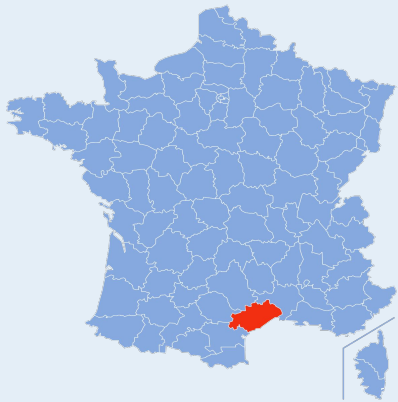


Sources : Capello et al., 2019; Novara et al., 2019

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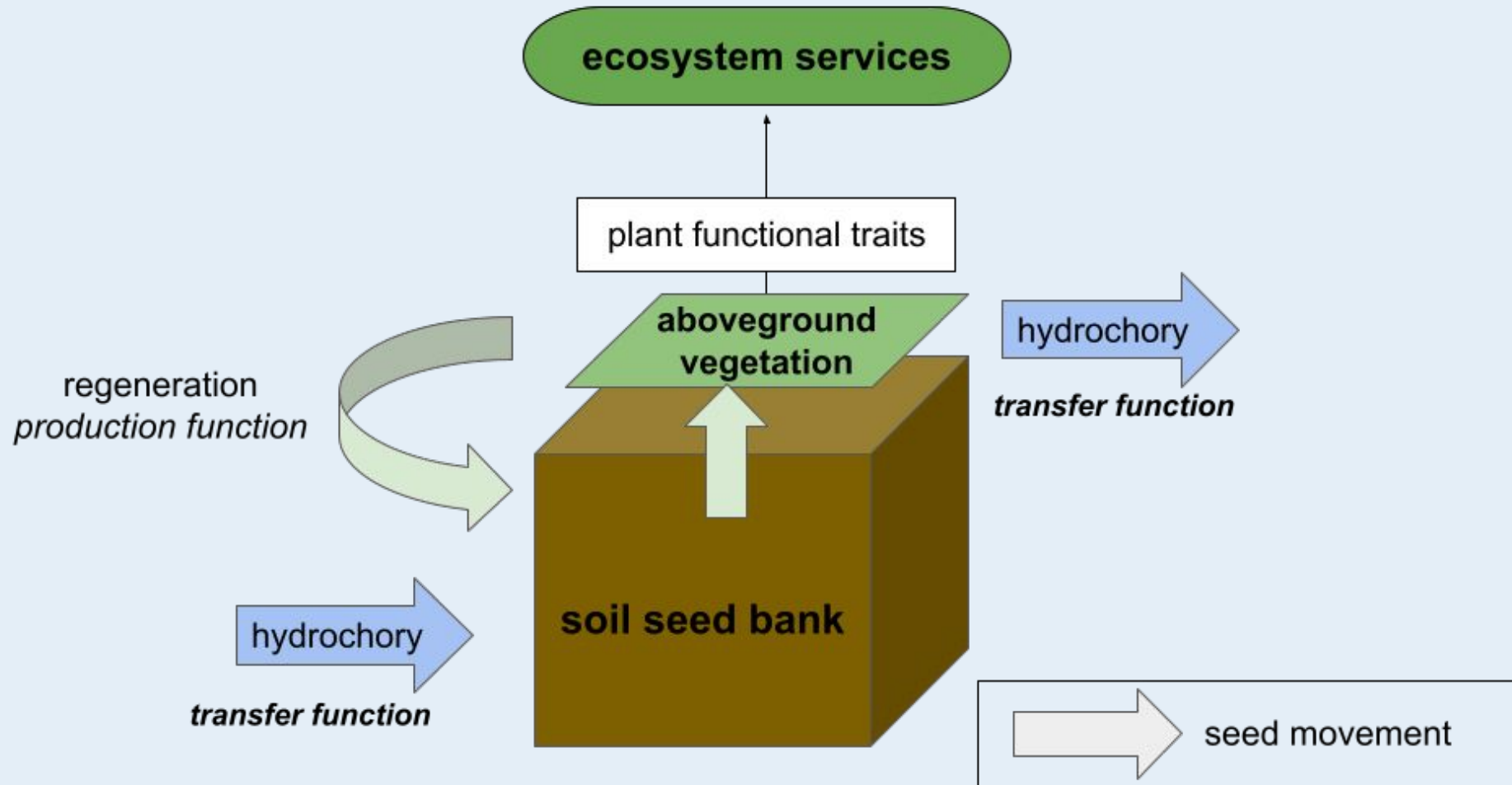
# Our site of focus

- Mediterranean vineyards from the southern part of France and their drainage ditches
  - Specifically, a small ( $<1$  km<sup>2</sup>) water catchment mainly occupied by vineyards



- Heavy rainfall episodes during summer

# Our objectives





# How to quantify hydrochory ?

- Marked seeds from potential services-providing species



- Counting marked seeds dispersal distance after a major rainfall event  
=> creating dispersal kernels

# Thanks for your attention !

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access to the abstract :



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