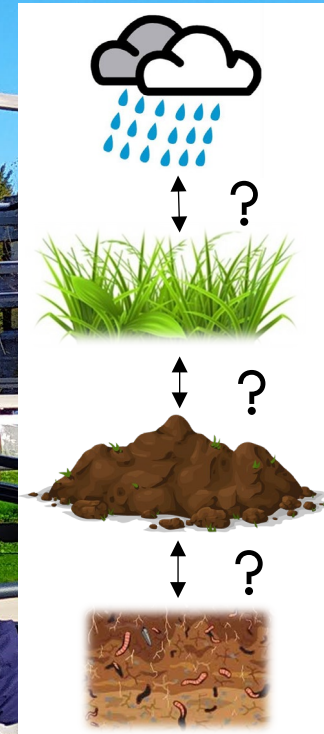
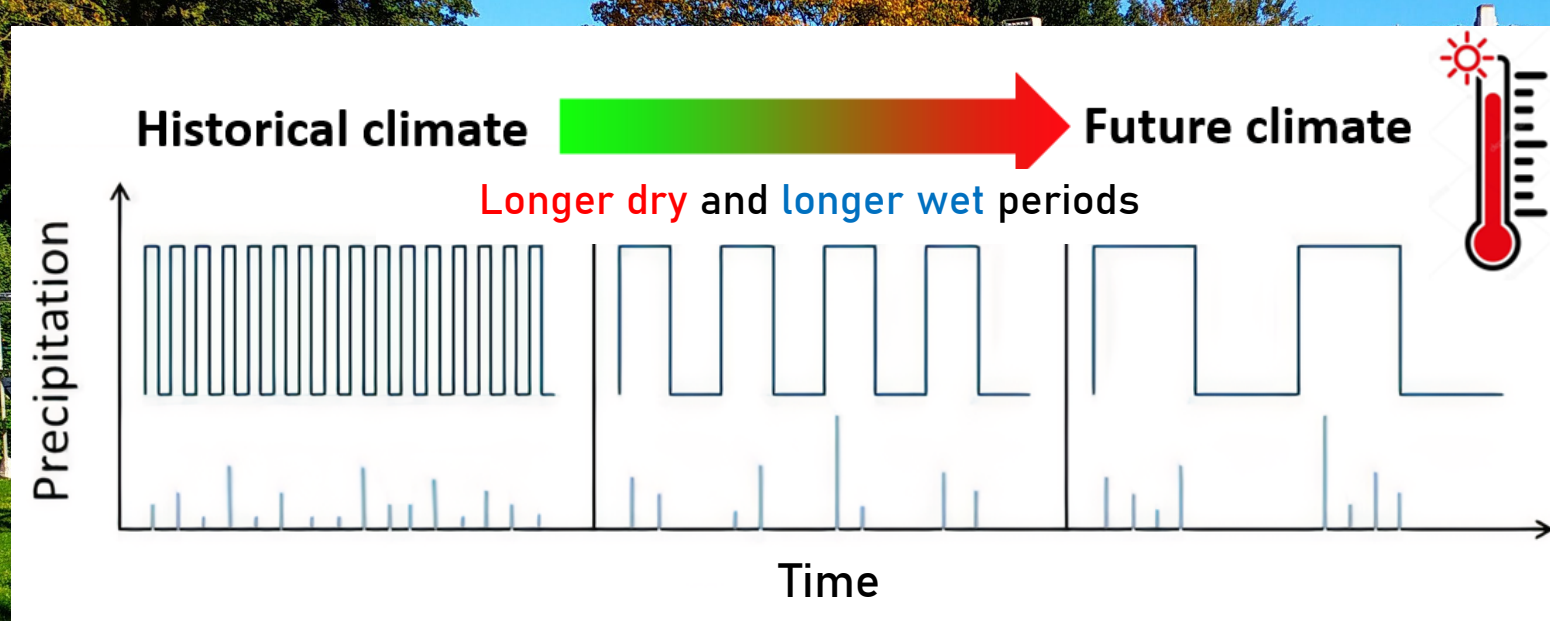


FATI facility at CDE

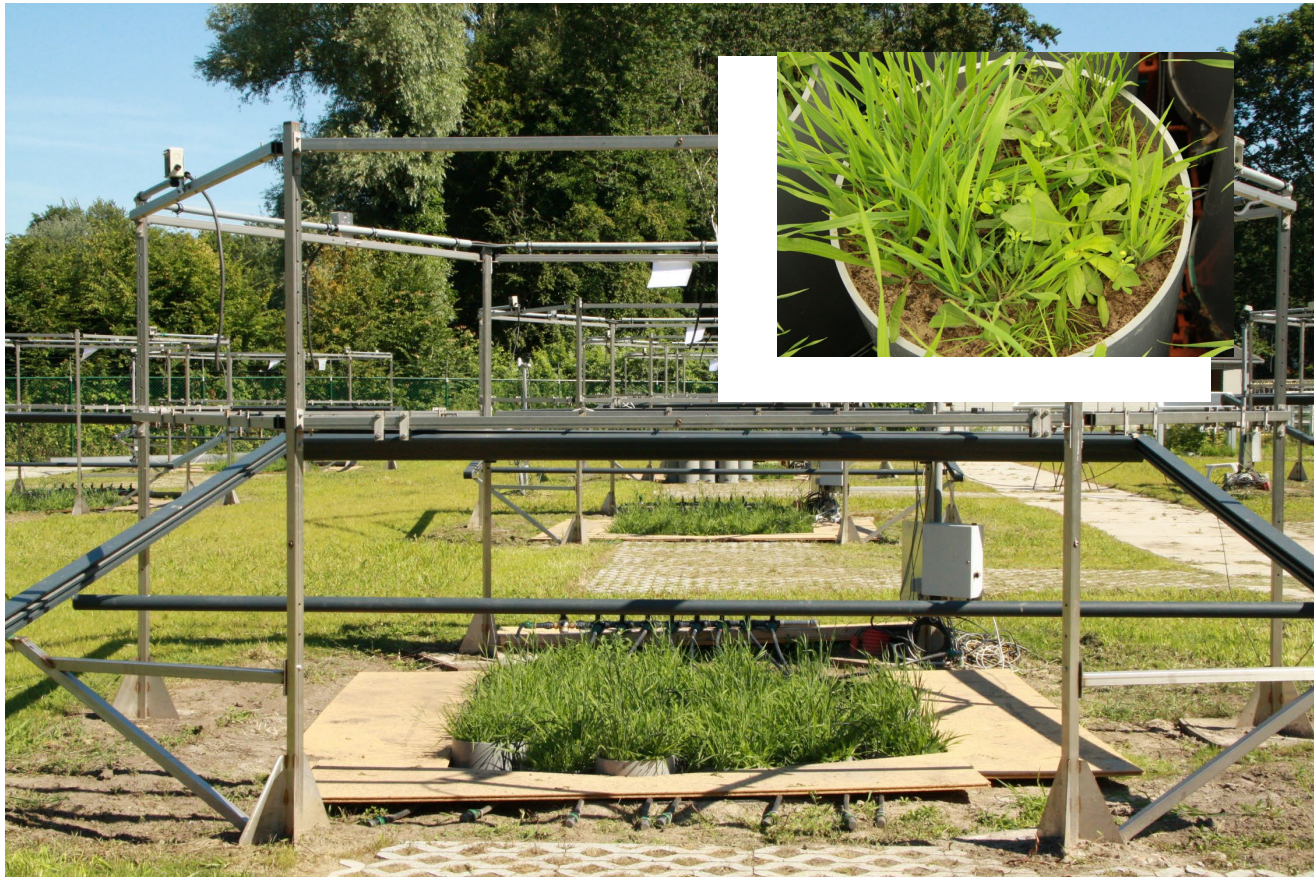
Designed to simulate climate extremes such as drought, flooding and heatwaves in open air



In 2025-2026 we simulate a newly emerging trend in climate change:
more persistent weather



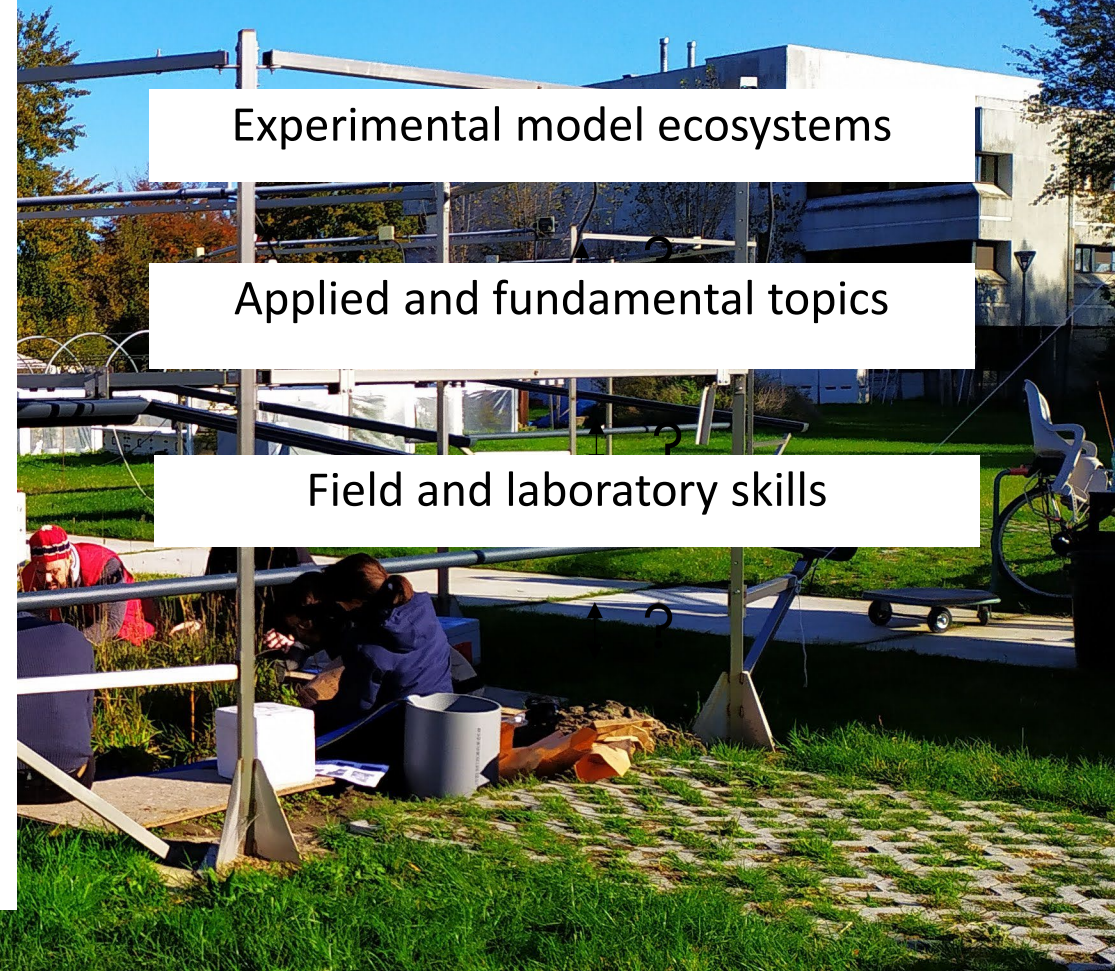
How does more persistent weather with **longer dry** and **longer wet** periods affect grassland functioning?



Experimental model ecosystems

Applied and fundamental topics

Field and laboratory skills



MP subjects

- Can mycorrhizal fungi and plant species composition protect grasslands against more persistent weather regimes?
- Does microclimate buffering (i.e. the grassland canopy shading and cooling the meristems at ground level) play a role in this protection on hot days or during drought?
 - Outdoor grassland experiment with simulated precipitation patterns in summer 2025 and 2026
 - Grasslands differ in plant composition and prevalence of arbuscular mycorrhizal fungi

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