

EINLADUNG

Kolloquium
Sommersemester 2022

Dr. Javier Puy

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hält am Dienstag, den **03.05.2022**, um 16:15 Uhr, digital via Zoom, einen Vortrag über

„Causes and relevance of plant phenotypic plasticity triggered by biotic interactions“



Phenotypic plasticity, the ability of genotypes to express different phenotypes in response to the environment, is recognised as one of the key mechanisms that might enhance evolutionary and persistence potential of populations to fast-changing drivers, as well as expand species realised niche into a broader range of environments. These phenotypic adjustments, some of them epigenetically controlled, can range from short-transient modifications (i.e. within an organism's lifetime) to modifications inherited across generations (transgenerational effects). In this presentation, I will present two examples where plant biotic interactions (i.e. plant-plant competition and AMF symbiosis) trigger phenotypic plasticity in an apomictic *Taraxacum* (*T. brevicorniculatum*), to show why phenotypic plasticity is relevant for adaptation, community assembly and population/ecosystem functioning.



Einladender: Prof. Dr. J. F. Niek Scheepens

Dieser Vortrag findet lediglich in Digitaler Form statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/65372822827?pwd=OXBKMIV0Q1hQWmt1THhBNk1RQnRTZz09>

