



EINLADUNG

Kolloquium
Sommersemester 2024

Ass.-Prof. Dr. Silvia Matesanz

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Madrid, Spain

hält am Dienstag, den **23.04.2024**, um 16:15 Uhr im Hörsaal 1, Biologikum, Campus Riedberg, Max-von-Laue-Str. 13, einen Vortrag über,
„A focus on the phenotype: the role of phenotypic plasticity on the assessment of (mal)adaptation in plant populations“

Phenotypic plasticity causes variation in functional traits and fitness, and therefore, it is now recognized to be of fundamental importance to both ecology and evolution. Despite this recognition, its long-term potential to prevent maladaptation in plant populations is often overlooked. Here I present compelling evidence suggesting that plasticity can indeed play a pivotal role in adaptation, potentially offsetting maladaptive outcomes by enabling populations to actively respond to environmental changes. This evidence highlights the need to integrate plasticity into assessments of population maladaptation. Avenues for further research to deepen our understanding of its adaptive significance and interactions with other evolutionary mechanisms are also proposed.



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