

A network for detecting and exploiting diversity and diffuse, weak, multi-dimensional marks of selection in open-managed agronomic and forestry ABSYSs

OBJECTIFS

Within #OPENDIV, we intend to screen existing data sets in genetics and genomics, functional ecology, agriculture, forestry with the goal of (1) detecting signatures associated to such adaptive processes, (2) modelling the impact of CC on adaptive diversity and (3) suggesting novel management strategies based on the use of such diversity to adapt agricultural and forest systems to CC, while maintaining the adaptive potential. We stress here the fact that, contrary to the typical research project, no collection of new data is planned. Instead, we insist on mining existing data, summoning scientists' imagination in finding ways to obtain information from data as "a judge, who compels the witnesses to reply to those questions which he himself thinks fit to propose" (33) and complying with the pressing need of reacting to CC here and now, with the tools we already have (while continuing to gather data in other research programs, which will feed #OPENDIV).

Responsable :

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Montant :

