

10.25 Metagenomic mapping

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Metagenomic Mapping	Biodiversity
Description and justification	This indicator assesses the plant soil genetic diversity of microbial and invertebrate (metagenomic map), soil functional diversity of microbial and invertebrate (abundance of functional groups), plant functional diversity (diversity of functional groups) and animal functional diversity (diversity of functional groups).
Definition	Metagenomics is the study of genetic material recovered directly from environmental samples. The broad field may also be referred to as environmental genomics, ecogenomics or community genomics.
Strengths and weaknesses	
Measurement procedure and tool	GIS/Model
Scale of measurement	-
Data source	
Required data	
Data input type	Qualitative
Data collection frequency	
Level of expertise required	High
Synergies with other indicators	
Connection with SDGs	15
Opportunities for participatory data collection	
Additional information	