



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DAGRI
DEPARTMENT OF
AGRICULTURE, FOOD
ENVIRONMENT AND FORESTRY

Webinar

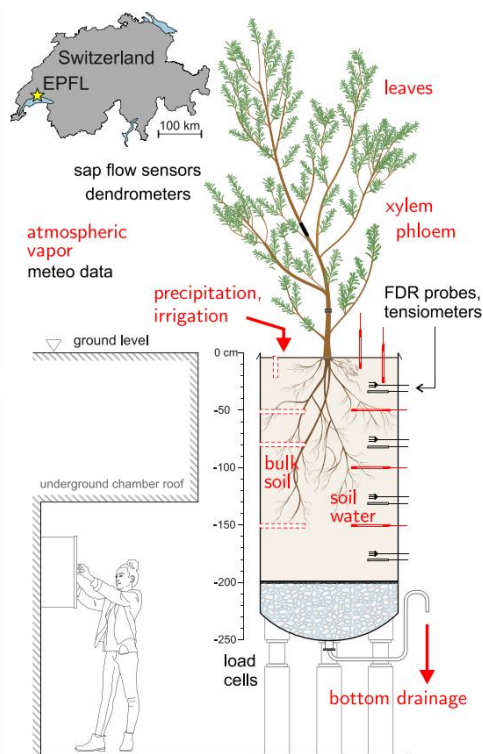
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SAMPLES for ISOTOPE ANALYSIS		
sample type	frequency	n
bottom drainage	all events	37
bulk soil water	4 days	130
suction cups (-0.6 bar)	2 days	318
xylem	max 4 days	59
phloem	irregular	34
leaves	irregular	26
precipitation	all events	22
irrigation (tap water)	all events	10
atmospheric vapor	irregular	8
bulk soil profiles	begin and end	76

MEASUREMENTS		
Bottom drainage flow	Vol. Water Content	
Precipitation flow	sap flow (3 branches)	
Irrigation flow	dendrometer (3 branches)	
ET flow (from weight)	leaf area	
Soil Temperature	root density and depth	
Soil tension	branch architecture	



**Tracing the water balance
through transport models and isotope data**

Friday November 26th, 12:00 CET

meet.google.com/pdt-rxse-dts