



INTENSIVE COURSE ON RESTORING DEGRADED LANDS TO IMPROVE BIODIVERSITY: HANDS ON A QUARRY SITE

4 MAY – FRIDAY – SESSIONS

	TEACHER	TOPIC
15:00	Alexandra Silva	Welcome to SECIL-Outão Plant, Safety rules & Presentations
15:15	Otília Correia	Introduction to Mediterranean ecosystems
15:40	Graça Oliveira	Restoration of vegetation and soil: the case study of SECIL -Outão
16:05	Pedro Salgueiro & António Mira	Framing fauna in quarry restoration: the case study of SECIL-Outão
16:30	Michael Rademacher	Mapping of damsel- and dragonflies and other insect groups (butterflies, grasshoppers).
16:55	Coffee Break	
17:10	Adelaide Clemente	Seed provenance matters in ecological restoration
17:30	Teresa Mexia	Hydroseeding Mediterranean native plant species at SECIL-Outão
17:50	Alice Nunes	Managing the tree density of plantations
18:10	Cristina Branquinho & Graça Oliveira	Preparing the next day
18:20	End of sessions	



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5 MAY – SATURDAY – **FIELD WORK**

09:00	Start	Nursery plant - Students will be divided in groups
09:30	Field work	Quarry site - Arrival at each sampling plot
12:30	Field work	Quarry site - Execute the protocol in the field
13:00	Lunch	Canteen at SECIL-Outão Plant
14:30	Data analysis	Room 3 CTEC Training
16:30	Coffee break	
16:45	Groups presentation	Room 3 CTEC Training
18:30	End of the Training School	

FIELD PROTOCOL

- Protocol 1** Comparison of vegetation structure and functional diversity between platforms with different ages.
- Protocol 2** Comparison of plant composition, biomass and functional diversity between slopes with different restoration techniques.
- Protocol 3** Assessment of decomposition rates using tea-bags.
- Protocol 4** Plant vertical structure through LIDAR.
- Protocol 5** Pollination Ecology: Field study of insect flower visitation and interaction networks.



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