

SUITMA13

Program visit 8 October 2025 Calci

h 8.30 Departure from Pisa (CNR) meeting at Area della Ricerca CNR

h 9.10 Welcome Calci City Council (Valentina Ricotta, Fabio Mencarelli)

We are in Valgraziosa, a small land of Tuscany. The town of Calci is nestled at the bottom of the Monte Pisano, overlooking on the Arno's valley. In the mount chestnut trees and olive trees are the main crops, merging with wide tract of Mediterranean scrub and pine forest. The area has varied landscape, natural and shaped by humans to produce an extraordinary extra-virgin olive oil.

h 9.20 Soil profile (Lorenzo Gardin, Romina Lorenzetti - CNR IBE) A soil profile is presented to highlight its origin and composition, as well as to detect major modifications caused by anthropogenic activities, such as fill deposits and the presence of artefacts. This exploratory investigation aims to provide a knowledge base for assessing the current condition of the urban soil, identifying potential critical issues, and evaluating its suitability for future sustainable land uses.



The soil profile in Calci



h 11.30-13.00 Guided visit to the Charterhouse and the Natural History Museum The Charterhouse is a wide historical complex raised in the Monte Pisano hillside. Founded in 1366 by a group of Carthusian monks, the building has been enlarged between the XVII and the XVIII century and now appears as a marvellous baroque monument set into an evocative landscape. In 1972 the Charterhouse, when the few remaining monks left, became a National Museum, while in 1979 the western side of the building was granted for permanent and free use to the University of Pisa, which established there the Natural History Museum, since then increased, enriched and improved. The Museum, one of the most ancient in the world, preserves and enhances its collections, organizes and supports study and research plans, in collaboration with university departments and other national and international institutions, handles didactic and educational activities.

<https://www.msn.unipi.it/en/categoria/collections/>

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the Charterhouse of Calci



The Wunderkammer at the MSN

h 13.15 Lunch with authentic Italian pizza and tasting of local products (wine and extra virgin olive oil).

h 15.00 Visit to the 'Fattoria San Vito', wine and olive oil producer and partner of the RECROP project (**Bioinocula and CROPPing systems**: an integrated biotechnological approach for improving crop yield, biodiversity and REsilience of Mediterranean agro-ecosystems). The project focuses on the agroecology approach that considers the use of sustainable practices in cultivated territories with the aim, among others, of strengthening resilience, reducing the use of mineral fertilizers and intensive agriculture techniques such as no- or reduced-till, no use of phytochemical products. Soil treatments with commercial quality compost and bioinoculum (alone or in combination) were applied on established organic vineyard for three consecutive years (2022-2024) (Elia Tassi, Roberto Pini - CNR IRET).



Treatments at the vineyard for the ReCrop project



h 16.00 Back to Pisa