



MEDFOR SUMMER EVENT – 2019

Dates:

From July 22th to July 27th, 2019

Location:

Centro Studi Alpino (CSALP)

Via Rovigo, 7

38050 Pieve Tesino (Trento), Italy



PROGRAMME OVERVIEW

- 23.07:** Presentation of MEDFOR MSc student's Master Thesis (1st group)
Visit the *Arboretum* - 1st virtual collection of plants
- 24.07:** Presentation of MEDFOR MSc student's Master Thesis (2nd group)
Visit the Science Museum in Trento
- 25.07:** Field visit 1 – Impacts of the windstorm “Vaia” on Alpine mid altitude forests
Lectures by the Forest Ecology Group of the University of Padova
- 26.07:** Field visit 2 - Silviculture of *Picea* forest & visit “Arte Sella”
The student’s experience on MEDFOR – by C. Tavares

Who can participate?

Students regularly enrolled at the second year of the MSc course MEDFOR, in one of the partner Universities.



PROGRAMME

22.07 Monday:

- Travelling
- 18:00 Meeting at Bassano del Grappa train station for Bus transfer
- 19:00 Reception at CSALP

20:00 *Welcome dinner* (Restaurant Cima d'Asta)

23.07 Tuesday:

09:00 Short introduction of the 6th edition of MEDFOR summer event

09:20 Session 1: Presentation of MEDFOR MSc student's Master Thesis
(15 min each + 5 min questions)

1. **Ali Askarieh.** *A Stand Density Management Diagram for mixed stands of Pinus sylvestris and Pinus pinaster in the Sierra de la Demanda (Spain)*
2. **Anand Babu.** *Populus spp. dormant bud production and chemical characterization of bioactive phenolic compounds from bud extracts and sprout educates.*
3. **Ayokunle Abosede Ojowa.** *Roles of public actors in social innovation initiatives in marginalized rural areas*
4. **Cosmas Osumo.** *Assessment of the effect of landscape heterogeneity on interannual net ecosystem exchange in An Italian Grassland Ecosystem*

10:40 – 11:20 *Coffee/Air break*

5. **Elvin Carol Kohen.** *Forest Restoration, Biodiversity and Ecosystem Services*
6. **Eric Cudjoe.** *Tree biomass allocation in temperate mixed forests*
7. **Fahmida Sultana.** *In vitro characterization of veteran micropropagated Platanus orientalis under heavy metal (Cd) exposure and bio-inoculation*
8. **Gianluca Segalina.** *Thinning operations focusing on biodiversity conservation in protected forest of northern Vietnam. Effects on habitat value and economic yield*

12:40 – 14:20 *Lunch break*

9. **Habib Yusif.** *Model Selection and Fitting for Basal Area Increment in Vietnamese Tropical Forest*
10. **Jim yates.** *The role of formal institutions in forests decline: analysis of mechanisms, effects and their evaluation*

11. Julia Ramsauer. *Modelling the role of seed dispersers in determining forest species distribution patterns*

12. Komla Julien Akpalu. *Susceptibility of *Pinus pinaster*'s families to Pine Pitch Canker caused by *Fusarium circinatum**

16:00 Introduction to the Alpine forest vegetation (medium altitude) and of the Plant recognition activity (a group work/competition to create a common archive of photos)

17:30 Visit the *Arboretum* - 1st virtual collection of plants

20:00 *Dinner*

24.07 Wednesday:

09:00 Session 2: Presentation of MEDFOR MSc student's Master Thesis
(15 min each + 5 min questions)

13. Leonardo Antunes. *Quercus suber L. and Quercus ilex L. in Spain. Updating the Provenance Regions Maps and Calculating Conservation Indicators for their genetic resources*

14. Michael Boateng Ottie. *Comparative analysis of salinity tolerance in *Tamarix africana* and *Tamarix gallica* originating from two Italian provenance populations*

15. Muhammad Ishfaq. *Does the National and Provincial Forest Policies in Coherence with UNSPF goals? A Case Study of Pakistan*

16. Mulugeta Sisay Abebe. *Land Cover changes in Eastern Mediterranean Ecosystem: The case of Haifa and Jerusalem Metropolitan areas*

10:20 – 11:00 *Coffee/Air break*

17. Narangarav Dugarsuren. *Aboveground biomass and biodiversity relationship in Mediterranean forest, Llano de Marugan, Valladolid in Castilla y Leon plateau, Spain.*

18. Shebeshe Haile. *How does precipitation pattern affect annual tree growth? a multi-year data analysis case study of semi-arid yatir forest, Israel*

19. SM Lovely Akhter. *Effects of water and temperature stress on *Alnus glutinosa* populations across the species distribution range*

Final remarks and group photo

12:40 – 14:00 *Lunch break*

14:30 Transfer to Trento and visit the Science Museum (www.muse.it)

18:30 Visit the historical centre of Trento

19:30 Transfer to Pieve tesino

20:30 *Dinner*

25.07 Thursday:

08:30 Field visit 1: Impacts of the windstorm “Vaia” on Alpine mid altitude forests -
2nd virtual collection of plants

17:00 Session 3: Dealing with extreme climatic events: the challenges after the
windstorm “Vaia”

- TOMMASO SITZIA / THOMAS CAMPAGNARO: *Ecology of natural disturbances, forest management and planning*
- MAURO MASIERO: *Impacts of windstorm “Vaia” on wood production chain and the wood market*
- ALEX PRA: *Governance of critical events and restoring policies in the forest sector: the case of windstorm “Vaia”*

18:30 The student’s experience on MEDfOR – by Catarina Tavares

20:00 *Dinner*

26.07 Friday:

08:30 Field visit 2: Silviculture of Picea forest & visit “Arte Sella” (www.artesella.it)
– 3rd virtual collection of plants

18:30 Plant recognition: analysis of results

20:00 *Dinner*

27.07 Saturday:

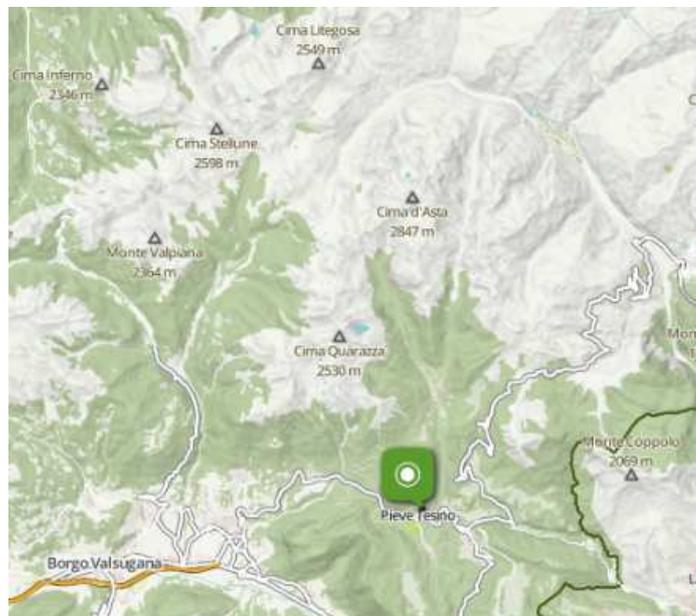
08:30 Bus transfer to Bassano del Grappa train station



PRACTICAL INFORMATION

LOCATION

The MEDfOR summer event will be held in **Pieve Tesino**, a small village in Trento Province (North-Eastern Italy), at the Alpine Research Center of the University of Tuscia. The building has been recently restored to host meetings and training courses and it is provided with conference room, meeting rooms, guest rooms and WiFi connection.

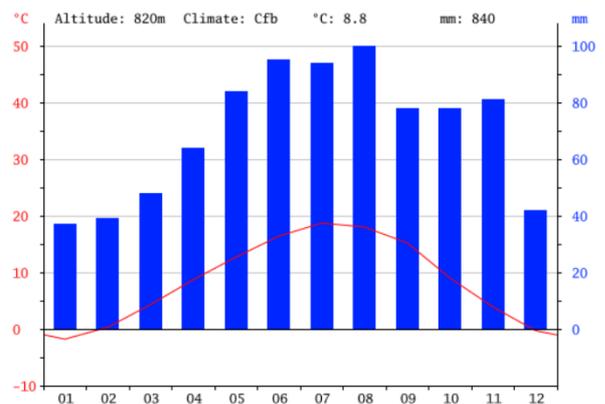


Pieve Tesino (altitude 843 m asl) is situated on the southern sides of the woody Mount Silana, which protects it from the northern winds. *The town's name refers to the presence, on-site, of a parish church in the valley. Hometown of the famous Italian statesman Alcide De Gasperi, it is a popular tourist destination, especially during summer. Even though it was one of the warm fronts during the First World War and suffered for this reason, considerable damage, the town still retains its historic core with beautiful medieval buildings and portals, some of which date back even to the XV century. The plateau of Tesino was inhabited since the Bronze Age, as attested by the finds unearthed in the district of Sant'Ippolito and on the hill of San Sebastian: Later*

the area was inhabited by the Reti, whose culture was absorbed by the Latin one of the subsequent Roman domain. In 50 A.D. the Romans started the construction of the Via Claudia Augusta Altinate and, along its route, numerous fortifications (castrum) were built. Around these "castra", developed some "vici", the first urban cores of the future community centers in which the original local populations and the Roman soldiers started to coexist. After the fall of the Roman Empire, the territories were conquered by the Lombards, who guaranteed a period of peace and prosperity to local populations. Defeated by the troops of Charles the Great, Pieve Tesino, like all the other nearby localities, was assigned to a local lord under the direct rule of the Bishop of Feltre.

CLIMATE

The climate here is mild, and generally warm and temperate. There is a great deal of rainfall in Pieve Tesino, even in the driest month. This location is classified as Cfb by Köppen and Geiger. The average annual temperature in Pieve Tesino is 8.8 °C. About 840 mm of precipitation falls annually.



In summer, the average daily minimum temperatures are around 15 °C and the daily maximum around 26 °C. Nevertheless, during the day the weather conditions can change quickly, as typical of the mountain regions.

STUDENT ACCOMODATION - The Center provides accommodation in guest rooms with four beds and a bathroom.



The bedding and the towels will be provided.

GUEST ACCOMODATION – Single, double or family room with internal bathroom are available for teachers and other guests.

RESTURANT AND ADDITIONAL ACCOMODATION – The local Resturant/Hotel Cima d’Asta will provide lunches and dinners; additional rooms can be reserved for the teaching staff.

(http://www.hotelcimadasta.it/en_index.php)



PERSONAL EQUIPMENT

Considering the mountain environment and the field activities also at higher altitudes, the appropriate personal equipment should include **hiking boots, waterproof jacket and pullover. A small trekking backpack** is required to put pullover, jacket and the field lunch.

TRAVEL

From Viterbo (University of Tuscia MEDfOR students) a minivan will depart on Monday and return on Saturday.

Arriving from other places, Pieve Tesino (Trento Province - TN) can be reached as described following.

Traveling by flight:

Venice Airport "Marco Polo" (<http://www.veniceairport.it/en/>) is the main International Airport in the region

- from Venice Airport to Venice Piazzale Roma / S. Lucia Train Station by shuttle bus (20 min) – see time table at

http://www.atvo.it/allegati/aeroporti/linea_35_dal_31.03.19_al_26.10.19.pdf

- from Venezia S. Lucia station to Bassano del Grappa station by train (about 1:20 hrs of travel) <http://www.trenitalia.com/tcom-en>
- from Bassano del Grappa station to Pieve tesino by a private Bus, which will depart at 18:00.

by Train:

The closest local railway station is Strigno, a stop in the line connecting Trento to Bassano del Grappa. Bassano del Grappa can be reached by train, also from Padua or Venice. You can find the timetable and buy the thicketts on the web at: <http://www.trenitalia.com/tcom-en>. We will organise a shuttle service from Strigno train station to Pieve Tesino, only for people which can't arrive in time in Bassano del Grappa for the Bus transfer (18:00). Please, inform us about your arrival time.

by public Bus:

Public bus service regularly connects Pieve Tesino with Borgo Valsugana (local train station to reach Trento or Venice/Padua). You can find the lines map and the time table on the web at: <https://www.trentinotrasporti.it/en/>