

# Cansu BARAN

## PERSONAL

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Address: Ankara, Turkey.

E-mail: cnsb151[at]gmail.com

## EDUCATION

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2026 - present



Master of Science (M.Sc.) in Biology, Hacettepe University,  
**Division of Ecology**, Ankara, Turkey.

2021 - 2026



Bachelor of Science (B.Sc.) **in Biology**, Hacettepe University,  
Ankara, Turkey. (GPA: 3.19/4.00)

## ACADEMIC INTERESTS

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- Functional Ecology
- Seed Ecology
- Fire Ecology
- Climate Change
- Biodiversity

## INTERNSHIPS & RESEARCH EXPERIENCE

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12/02/2024 - present

**Functional Ecology Laboratory**, Hacettepe University,  
Ankara, Turkey.



Advisor: Prof. Dr. Çağatay Tavşanoğlu

Topics: Aboveground & belowground plant functional  
characters, biodiversity (plants & insects), seed ecology,  
germination niche,

Website of the laboratory: <https://funecol.org/>

28/07/2025 - 05/09/2025

**Institute of Lowland Forestry and Environment (ILFE)**, Novi Sad University, Novi Sad, Serbia.



Advisor: Dr. Srdjan Stojnic

Topics: Leaf anatomical studies including cryosectioning, light microscopy, and quantitative measurements of leaf cross-sections; fieldwork involving collection of fruits and sampling/scanning of leaves for morphological and physiological analysis.

Website of the laboratory: <https://www.ilfe.org/en>

15/09/2023 - 20/12/2024

**Plant Physiology Research Laboratory**, Hacettepe University, Ankara, Turkey.



Advisor: Prof. Dr. Yasemin Ekmekçi

Topics: Germination experiments, and maintenance of seedlings and plants..

10/07/2023 - 18/08/2023

**Molecular Microbiology Laboratory**, Akdeniz University, Antalya, Turkey.



Advisor: Asst. Prof. Burcu Emine Tefon Öztürk

Topics: Phenol-Chloroform DNA isolation, PCR (Polymerase Chain Reaction), effects of sub-MIC (sub-minimum inhibitory concentration) antibiotics, identification and characterization of PGPB (Plant Growth Promoting Bacteria).

Website of the laboratory:

[https://biyoloji.akdeniz.edu.tr/en/molecular\\_microbiology\\_laboratory-13190](https://biyoloji.akdeniz.edu.tr/en/molecular_microbiology_laboratory-13190)

## HOBBIES & INTERESTS

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Evolutionary Biology and Medicine Society 2022-2024

Hacettepeli Veganlar (Hacettepe's Vegans) 2021-ongong

## LANGUAGE SKILLS

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Turkish: Native

English: Fluent

## MEMBERSHIPS

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2025- ongoing

Ecology and Evolutionary Biology Society  
(Web site: <https://www.ekoevo.org/en/>)

## PROJECTS

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01/12/2024 - 20/07/2025

Ecophysiological Limits of Seed Germination in *Gypsophila oblancheolata* *Alhagi maurorum*, and *Limonium tamaricoides*

Role: Conductor

25/10/2024 - 18/11/2025

TUBITAK 1002 Revealing the resource-use strategies and aboveground and belowground functional trait structure in a marl steppe plant community

Role: Volunteer student

30/09/2024 - ongoing

Effects of habitat and methodological variations on ground-dwelling insect community: A case study from Hacettepe University, Beytepe campus.

Role: Researcher

05/03/2024 - 15/07/2024

Possible effects of climate change on the germination of Mediterranean plants at different elevations in İzmir-Bozdağ

Role: Volunteer student

## FIELDWORKS

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17/08/2024 - 19/08/2024 & 01/12/2024	<p>The effect of ecosystem productivity on seed germination characteristics of plants in Central Anatolian Steppe</p> <p><u>Method</u>: Seed and soil sampling.</p> <p><u>Location</u>: Niğde, Aksaray, Konya.</p>
14/09/2024 - 15/09/2024	<p>Fieldworks for comprehensive research about plant aboveground and belowground functional traits and their interaction with each other in Anatolian steppes that have different characteristics.</p> <p><u>Method</u>: Plant sampling (aboveground and belowground) and conducted dry and fresh weight measurements of leaves and roots to assess plant functional traits.</p> <p><u>Location</u>: Eskişehir, Çankırı, Ankara.</p>

17/09/2024 - 19/09/2024	Project: Effects of Habitat and Methodological Variations on Ground-dwelling Insect Community: A Case Study from Hacettepe University Beytepe Campus  <u>Method</u> : Insect sampling by using pitfall traps.  <u>Location</u> : Ankara.
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## SYMPOSIUMS

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- 11<sup>th</sup> Ecology and Evolutionary Biology Symposium- EEBST 2025 (9-11/07/2025; Hacettepe University, Ankara, Turkey) – **Poster Presentation**
- 3<sup>rd</sup> The Land Ethic Education Project– TEEP 2025 (10-11/05/2025; Hacettepe University, Ankara, Turkey)
- 10<sup>th</sup> Ecology and Evolutionary Biology Symposium- EEBST 2024 (23-25/07/2024; Çanakkale On Sekiz Mart University, Çanakkale, Turkey)
- 16<sup>th</sup> Aykut Kence Evolution Conference (22-23/02/2022; Middle East Technical University, Ankara, Turkey)
- 14<sup>th</sup> Aykut Kence Evolution Conference (24-25/01/2020; Middle East Technical University, Ankara, Turkey)
- 3<sup>rd</sup> METU Astrobiology Conference (30/11/2019; Middle East Technical University, Ankara, Turkey)

## REFERENCES

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Prof. Dr. Çağatay Tavşanoğlu	Division of Ecology, Department of Biology, Hacettepe University  <u>E-mail</u> : ctavsan[at]hacettepe.edu.tr
Prof. Dr. Yasemin Ekmekçi	Division of Botany, Department of Biology, Hacettepe University  E-mail : yase[at]hacettepe.edu.tr