

33rd CONFERENCE OF THE EUROPEAN VEGETATION SURVEY



Vegetation of Europe Diversity, Dynamics, Conservation, and Restoration

28th April – 2nd May 2025

Hotel Giò Wine e Jazz Area

Perugia, Italy

PROGRAMME

<http://vnr.unipg.it/33evsperugia2025/>



MONDAY, APRIL 28

17:00 – 19:00 **Registration**

19:00 – 21:00 Welcome party “Porchettata” at the Hotel Giò Wine e Jazz Area

TUESDAY, APRIL 29

08:00 – 20:30 **Registration**

08:30 – 09:00 Welcome – Corrado Marcenò, Roberto Venanzoni, Jorge Capelo, Milan Chytrý, Alceo Macchioni & Helios Vocca

09:00 – 09:40 **Plenary – Chair: Jorge Capelo – Sabina Burrascano** "Beyond trees: the multi-taxonomic diversity of European forests"

Session 1 – Patterns and Dynamics of European Vegetation. Chair: Jorge Capelo

09:40 – 09:55 **Simone Eusebio Bergò** – Comparison of large-scale and habitat-specific approaches to assess long-term vegetation dynamics in alpine grasslands (YS)

09:55 – 10:10 **Alessandro Bricca** – Local conditions modulate the forest habitats response to rising temperature with climate change

10:10 – 10:25 **Joshua Erkelenz** – Intraspecific functional trait responses to experimental warming depend on precipitation (YS)

10:25 – 10:40 **Giuliano Fanelli** – Changes of the flora in the alpine grasslands of Gran Sasso 1962–2009

10:40 – 10:55 **Norbert Helm** – Vital rates measurements indicate a strong disequilibrium between climate and the distribution of high mountain plant species in the Austrian Alps (YS)

10:55 – 11:10 **Branislav Vrábel** – Uncovering Alpine Refugia: Factors Beyond Temperature (YS)

11:10 – 11:40 *Coffee Break*

Session 2 – Patterns and Dynamics of European Vegetation. Chair: Salza Palpurina

11:40 – 11:55 **Mara Baudena** – The role of plant traits in shaping fire-prone communities

11:55 – 12:10 **Marianna Biró** – A country-level assessment of long-term habitat changes in Hungary since the 18th century

12:10 – 12:25 **Andrea De Toma** – Global patterns of plant communities and functional traits in fire-prone ecosystems (YS)

12:25 – 12:40 **Kata Frei** – The influence of small canopy gaps on vegetation dynamics and functionality in karst landscapes (YS)

12:40 – 12:55 **Ali Kavgaci** – Fire regime change threatens the future of black pine (*Pinus nigra* J.F. Arnold) forests

12:55 – 13:10 **Karol Ujházy** – Rapid response of multi-taxa understorey diversity and composition to experimental interventions in subcontinental oak forests

13:10 – 13:25 **Martin Večeřa** – Environmental factors, past and current land use drive diversity of different plant species groups in dry grasslands of Southern Moravia (Czech Republic)

13:30 – 14:30 *Lunch*



14:30 – 15:10 Plenary – Chair: Riccardo Guarino – **Josep Padullés Cubino** "Community Phylogenetics in Vegetation Science: Past, Present, and Future"

Session 3 – Patterns and Dynamics of European Vegetation. Chair: Riccardo Guarino

15:10 – 15:25 **László Erdős** – Long-term dynamics of forest–steppes in Eastern Europe

15:25 – 15:40 **Janez Kermavnar** – Long-term vegetation changes of primeval beech-dominated forests in Slovenia

15:40 – 15:55 **Klára Klinkovská** – Half a century of temperate non-forest vegetation changes: no net loss in species richness, but considerable shifts in taxonomic and functional composition (**YS**)

15:55 – 16:10 **Gabriele Midolo** – Six decades of losses and gains in European plant alpha diversity

16:10 – 16:25 **Zsolt Molnár** – Traditional ecological knowledge of Eurasian herders about patterns and dynamics of vegetation

16:25 – 16:40 **Kiril Vassilev** – Vegetation Classification of Europe: Current knowledge of the vegetation diversity of Bulgaria

16:40 – 16:55 **Hüseyin Yilmaz** – Effects of Post-Fire Silvicultural Treatments on Vegetation Dynamics of *Pinus brutia* Ten. Forests

16:55 – 17:25 *Coffee Break*

17:25 – 19:30 **Poster Session 1**

WEDNESDAY, APRIL 30

08:00 – 18:00 **Excursion**

THURSDAY, MAY 1

09:00 – 09:40 Plenary – Chair: Flavia Landucci – **Gianluigi Ottaviani** "Ten years of plant functional biogeography: what are we gaining?"

Session 4 – Vegetation Monitoring and Mapping. Chair: Flavia Landucci

09:40 – 09:55 **Milan Chytrý** – EVA-MAP: An online application for visualization of European vegetation survey and resurvey data

09:55 – 10:10 **Kryštof Chytrý** – Can we trust resurvey studies? (**YS**)

10:10 – 10:25 **Klaus Thomas Ecker** – Are mean indicator values robust to incomplete plant census data?

10:25 – 10:40 **Daniela Gigante** – Ground Truth: insights from the first nationally coordinated Annex I habitat monitoring project in Italian National Parks

10:40 – 10:55 **Alessandro Montaldi** – Vegetation Monitoring and Mapping. Ecological classification of land based on Potential Natural Vegetation: a new quantitative & multivariate approach to map ecosystems. The case study of Campobasso Functional Urban Area (**YS**)

10:55 – 11:10 **Salza Palpurina** – Unlocking the potential of biodiversity data locked in vegetation databases

11:10 – 11:40 *Coffee Break*



Session 5 – Vegetation Monitoring and Mapping. Chair: Małgorzata Raduła

- 11:40 – 11:55 **Malherbe Pauline** – Studying the sensitivity of Annex I habitats to pressures on biodiversity and understanding of state–pressure links to answer the needs of the EU Nature restoration law
- 11:55 – 12:10 **Emanuele Genduso** – Functional and Biological Diversity of Wild Edible Plants in Italy: Preliminary results from the FuD WE PIC Project (YS)
- 12:10 – 12:25 **Hana Skokanová** – Can information about land cover continuity provide useful insights for habitat monitoring and restoration?
- 12:25 – 12:40 **Lubomír Tichý** – Monitoring habitat deterioration in small temperate mires using aerial and satellite imagery: verification using ground–based vegetation data

Session 6 – Vegetation Classification of Europe. Chair: Salvatore Pasta

- 12:40 – 12:55 **Olivier Argagnon** – Overview of dune vegetation in the Gulf of Lion (France)
- 12:55 – 13:10 **Dariia Borovyk** – VCE Dry grasslands in the steppe zone of Ukraine: findings from a 200 km transect survey (YS)
- 13:10 – 13:25 **Salvatore Cambria** – *Woodwardia radicans* (L.) Sm. (Blechnaceae) in the Mediterranean area: phytosociological remarks and conservation issues
- 13:30 – 14:30 *Lunch*
- 14:30 – 15:20 **Plenary Honorary Membership – Chair: Introductio et Laudatio by Joop Schaminée – Honorary Speech: John Rodwell – "Aftermath"**

Session 7 – Vegetation Classification of Europe. Chair: Joop Schaminée

- 15:20 – 15:35 **Jorge Capelo** – The EVMac initiative: update and harmonization of syntaxonomy of European Macaronesia with the EuroVegChecklist and the International Vegetation Classification
- 15:35 – 15:50 **Agnieszka Piernik** – Vegetation of inland salt marshes in temperate Europe
- 16:05 – 16:20 **Jean–Paul Theurillat** – PhytoS: an online nomenclatural database of plant community names
- 16:20 – 16:35 **Iuliia Vasheniak** – CRS Vegetation of low–elevation calcareous petrifying springs (*Lycopodium europaei*–*Cratoneurion commutati*) in Western Ukraine in the broader geographical context of the central and southeastern parts of Europe
- 16:35 – 16:50 **Romeo Di Pietro** – Biogeographic issues related to the syntaxonomy of *Quercus cerris* and *Q. frainetto* forests in Italy
- 16:50 – 17:05 **John Janssen** – The development of dune slack vegetation (*Caricion davalianae*) in former estuarine areas in the southwest of the Netherlands
- 17:05 – 17:20 *Coffee Break*

Session 8 – Invasive Species: Challenges and Impacts on European Vegetation. Chair: Alessandro Silvestre Gristina

- 17:20 – 17:35 **Irena Axmanová** – Not just aliens: Why we need to worry about native expansive plants



- 17:35 – 17:50 **Péter Török** – Predicted climate change and land–use intensification likely speed up C4 grass invasions in Europe
- 17.50 – 18:30 **EVS Business Meeting**
- 18:30 – 19:30 **Poster Session 2**
- 20:30 – 22:30 *Social dinner at the Hotel Giò Wine e Jazz Area*

FRIDAY, MAY 2

- 09:00 – 09:40 **Plenary – Chair: Alicia Acosta – Zdeňka Lososová** "Cities as a human contribution to the diversity of nature"

Session 9 – Vegetation Classification of Europe. Chair: Alicia Acosta

- 09:40 – 09:55 **Denys Vynokurov** – WorldVegChecklist – inventory and revision of the world's syntaxonomic classes
- 09:55 – 10:10 **Wolfgang Willner** – Are Braun–Blanquet's associations still valid? The example of the inneralpine dry grasslands
- 10:10 – 10:25 **Enrico Feoli** – Classification and ordination of vegetation types by co–occurrence matrices
- 10:25 – 10:40 **Rossen Tzonev** – High Mountain grassland and shrub vegetation of Central Balkan Mts. (Central Stara Planina Mts.), Bulgaria
- 10:40 – 10:55 **Giacomo Quattrini** – Integrating Drone Truthing and Supervised Classification of Remote Sensing Time Series for Enhanced Vegetation Mapping and Monitoring (YS)
- 10:55 – 11:10 **Víctor González García** – Differential effect of environmental filtering and dispersal limitation on vascular plant (YS)
- 11:10 – 11:40 *Coffee Break*
- 11:40 – 12:20 **Plenary – Chair: Irena Axmanová – Ladislav Mucina** "Zonobiome System for Europe"

Session 10 – Biogeographic Patterns of European Vegetation. Chair: Irena Axmanová

- 12:20 – 12:35 **Zoltán Botta–Dukát** – Can stress–tolerant strategy be defined by three leaf traits: leaf dry matter content, specific leaf are, and leaf size?
- 12:35 – 12:50 **Lucia Čahojová** – The Role of Dolines as Climate Refugia: Linking Geodiversity and Biodiversity Across Diverse Biomes (YS)
- 12:50 – 13:05 **Anikó Csecserits** – Trait based similarity among sandy grasslands and old–fields: effect of time and surrounding landscape are different for each trait
- 13:05 – 13:20 **Martin Franc** – Ecological niches and biogeography of European mycoheterotrophic plants (YS)
- 13:20 – 13:35 **Ricarda Pätsch** – The role of soil ion composition for plants in saline habitats (YS)
- 13:35 – 13:50 **Francesco Santi** – Vegetation plot data on Mediterranean islands capture a limited subset of the local plant species diversity (YS)
- 13:50 – 15:30 *Lunch and Closing Ceremony*



POSTER SESSION 1 – TUESDAY, APRIL 29

- 1–**Liene Aunina**–Extinction risk assessment of diagnostic species of mire classes – a case of Latvia
- 3–**Agnė Bagušinskaitė**–Re-survey Forest vegetation across climate and land-use change scenarios in the hemiboreal region: an introduction to study
- 4–**Enrico Bajona**–Preliminary results from an analysis of Italian upland peatland vegetation: syntaxonomical scheme (YS)
- 5–**Ilze Barone**–Epiphytic and epixylic bryophyte and lichen assessment under forest biodiversity monitoring in Latvia
- 6–**Gianmaria Bonari**–Barbary Thuja dominated forests of North-West Africa
- 7–**Liubov Borsukevych**–Distribution and ecological peculiarities of *Salicetum albae* Issler 1926 association in Ukraine
- 8–**Andraž Čarni**–Impact of geomorphological and ecological gradients on phenological patterns in dolines of the northern Dinaric Alps
- 9–**Olha Chusova**–Adaptive potential of *Calamagrostis epigejos* (L.) Roth. as a potential competitor for the invasive species *Solidago canadensis* L.
- 10–**Maria Carla de Francesco**–DALIA database of trees, shrubs and lianas of urban in the forests in Campobasso (Italy)
- 61–**Lyubov Felbaba-Klushyna**–Vegetation dynamics of the “Bagno” bog (Ukrainian Carpathians)
- 11–**Oksana Futorna**–The Ecological features of the distribution of *Solidago canadensis* in Ukraine
- 53–**Beloslava Genova**–Syntaxonomy and ecology of the *Phragmito-Magnocaricetea* class in Bulgaria (YS)
- 12–**Linda Gerra-Inohosa**–The impact of road characteristics on forest roadside vegetation diversity in Latvia
- 13–**Petr Hubatka**–Classification of forest vegetation in Montenegro (YS)
- 14–**Svitlana Iemeljanova**–*Alnetea glutinosae* in Ukraine: classification and distribution patterns
- 15–**Aljaž Jakob**–Plant life in holes: interplay of macro- and micro- environmental factors driving the plant community differentiation in dolines (YS)
- 16–**Diāna Jansone**–Shifts in Vegetation Diversity and Dominance Following Large-Scale Clear-Cutting: Evidence from Latvia (YS)
- 17–**Olha Kachalova**–Mapping the Potential Occurrence of Endangered Plant Species for Nature Conservation Prioritization in the Czech Republic
- 18–**Veronika Kalusova**–European database of alien plants
- 19–**Kęstutis Katilius**–The role of the forests of different origins and successional stages in maintaining biodiversity stability in agricultural landscapes: an introduction to study
- 20–**Dragan Koljanin**–Distribution analysis of Illyrian mesophilous understory species (YS)
- 21–**Branislav Kopčan**–Microclimate-driven biomass shifts in dry grasslands under a changing climate (YS)



- 22–**Georgi Kunev**–Preliminary results on the classification of *Bolboschoenus* spp. rich communities in Bulgaria
- 23–**Filip Kůzmič**–Ecological variation of plant communities with *Stellaria media* species group in Slovenia – preliminary results
- 24–**Agnese Liepiņa**–Edge Effects on Forest Ground Cover Vegetation in Black Alder Dominated Stands (YS)
- 25–**Ádám Lőrincz**–Plant and ant community organization is driven by contrasting trait-based mechanisms on Central European wood-pastures (YS)
- 26–**Mattia Marino**–State of knowledge on the bryophyte floras of the old-growth forests in western Sicily (YS)
- 27–**Zeke Marshall**–Ecological Niche Models for the Plants of Europe (YS)
- 28–**Natalia Mazurek**–What Shapes Vegetation in Managed Temperate Oak Forests?
- 29–**Mateusz Meserszmit**–Effect of plant species composition in mown and abandoned mesic grasslands on biogas production: Implications for habitat conservation
- 30–**Eva Papastergiadou**–Freshwater macrophyte assemblages in human-disturbed landscapes of Greece: environmental driving factors, ecological quality and future challenges
- 40–**Ivana Sirovica**–Vegetation of mesophilous ravine forests in the White and Samarian Rocks Strict Reserve in the context of ravine forests of the Dinaric Alps (YS)

POSTER SESSION 2 – THURSDAY, MAY 1

- 2–**Simonetta Bagella**–Approaching the V Report on the Habitats listed in Annex I of Directive 92/43/EEC in Italy: methods, state of the art and challenges
- 60–**Martina Biagioli**–An Habitat-template approach for Green Infrastructure Design in Mediterranean Urban Areas: Leveraging EVA data and plant functional traits (YS)
- 52–**Mary Carmen Cobo**–Ordination support for classification, through ecophysiological plant responses in halophytic environments from Southeast Spain
- 59–**Laura Genco**–Using Community-Weighted Mean functional traits to identify the ecological niche of narrow endemics
- 54–**Hamid Gholizadeh**–SALTISH: the new dataset of SALT-affected vegetation from Tuscany coastal Habitats, central Italy
- 55–**Laigle Idaline**–Vegetation Monitoring and Mapping - Mapping and Assessing Annex I Habitats condition to Meet EU Restoration Law Requirements
- 56–**Larisa Khanina**–Dissimilar effects of deadwood on vegetation in nemoral and hemiboreal forests
- 57–**Lado Kutnar**–Vegetation diversity, ecological heterogeneity and stand structure as indicators of the conservation status of Tilio-Acerion forests in Slovenia
- 61–**Kateryna Lavrinenko**–Diversity of chasmophytic and grassland vegetation on granitic outcrops of Southern Buh River basin (Central Ukraine)



- 31–**Natalia Pashkevych**–Trends in the Change of Fallow Land Vegetation in the Chornobyl Radiation and Ecological Biosphere Reserve
- 32–**Līga Pentjuša**–Assessment of changes in plant functional traits along forest road verges (YS)
- 33–**Zdenka Preislerová**–New and overlooked syntaxa of European vegetation and their accumulation over time
- 34–**Štěpánka Pustková**–Early Richness, Later Loss: Threatened Plant Species Dynamics in Restored Wetlands (YS)
- 35–**Iryna Rabyk**–The structural composition of bryophyte communities in meadow ecosystems as an indicator of vegetation cover transformation caused by wind farm construction
- 36–**Małgorzata Raduła**–Phenological patterns of grassland species in response to mowing at different heights and seasons
- 51–**Pier Paolo Roggero**–Land surface phenology for the monitoring and mapping of Mediterranean temporary grasslands
- 37–**Yuliia Rozenblit**–Topological vegetation differentiation of Central Podillia (YS)
- 38–**Tijana Šikuljak**–Classification of floodplain forests and scrub in the Pannonian region of Serbia (YS)
- 39–**Urban Šilc**–Supervised classification of Pinus Forest stands from Slovenia
- 42–**Karolína Slachová**–Analogies of unique peri-Carpathian forest-steppe grasslands in the Balkan peninsula: unknown diversity hotspot worth conserving (YS)
- 43–**Paulo Soares**–Global overview of the Lusitanian dwarf-oak (*Quercus lusitanica* Lam.) communities: The particular case of the Temperate Atlantic community
- 44–**Grzegorz Swacha**–Understanding aboveground biomass responses to environmental factors in grasslands: the key role of less abundant species
- 45–**Amir Talebi**–Classification of subalpine tall herb Umbelliferous vegetation of the Iranian Plateau (YS)
- 46–**Valeria Tomaselli**–Combining in situ surveys with remote sensing techniques for vegetation mapping and monitoring in the Natura 2000 site “Duna e Lago di Lesina-Foce del Fortore” (Puglia, S Italy)
- 58–**Béla Tóthmérész**–Vegetation of pristine versus spontaneously recovered grasslands
- 47–**Agita Treimane**–Vegetation monitoring within framework of National forest monitoring in Latvia (YS)
- 49–**Friedemann von Lampe**–Towards a European classification of aquatic plant communities (YS)
- 50–**Marie Vymazalová**–The grassland habitat continuity over 200 years and remnant patches



INSTRUCTIONS TO VOTE FOR THE YOUNG SCIENTIST (YS)

To vote for the best talk and the best poster, access Slido using the QR codes below. Once redirected to the page, enter your email address to log in. You will find the talks and posters listed in alphabetical order by the presenter's last name in their respective sections. Only registered participants are eligible to vote. Each person may cast one vote for the best talk and one vote for the best poster. The ballot will be open from 29 April at 09:40 until 2 May at 14:50. In the event of a tie, the youngest Young Scientist will be declared the winner.

The winner of the Best Presentation award will receive a free registration fee for the next EVS congress, offered by IAVS.

The winner of the Best Poster award will receive a free APC for publication in Vegetation Classification and Survey (VCS), offered by Pensoft Publishers.



BEST TALK



BEST POSTER

