



**58th INTERNATIONAL CONGRESS
ITALIAN SOCIETY OF VEGETATION SCIENCE**
Società Italiana Scienza della Vegetazione (SISV)

***Vegetation Ecology and Diversity for
Habitat Monitoring and Conservation***

PROGRAMME



Aspromonte National Park, Valle T. Listi (Calabria, southern Italy) - Mixed beech and silver fir forests habitat 9220*

June 19th – 20th, 2025
Mediterranean University of Reggio Calabria
Via dell'Università 25, Reggio Calabria (I)

June 21st, 2025
Field trip to Aspromonte National Park





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Keywords: *5th National Habitat Report; Alien species; Botany Teaching; Diversity; Eco-education; Ecosystem services; Education for sustainability; Ecological processes; Habitats Directive; Habitat and species monitoring; Habitat restoration; Phytosociology; Plant traits; Restoration Ecology; Resurvey; Sensitive and Rare Ecosystems; Urban ecosystems; Vegetation; Vegetation-plot database.*

Scientific committee:

Alicia Teresa Rosario Acosta (Italy), Claudia Angiolini (Italy), Simonetta Bagella (Italy), Giuseppe Bazan (Italy), Frédéric Bioret (France), Gianmaria Bonari (Italy), Eusebio Cano (Spain), Ana Cano Ortiz (Spain), Stefano Chelli (Italy), Daniela Ciccarelli (Italy), Romeo Di Pietro (Italy), Sara del Río González (Spain), Edy Fantinato (Italy), Federico Fernández González (Spain), Gianpietro Giusso del Galdo (Italy), Borja Jiménez-Alfaro (Spain), Ali Kavgacı (Turkey), Carmelo Maria Musarella (Italy), Carlos Pinto Gomes (Portugal), Giovanni Spampinato (Italy), Valeria Tomaselli (Italy), Daniele Viciani (Italy), Ioannis Vogiatzakis (Cyprus).

Organizing committee: Carmelo Maria Musarella, Giovanni Spampinato, Serafino Cannavò, Valentina Lucia Astrid Laface, Angelo Mammoliti, Antonio Morabito, Miriam Patti.

Secretary: Edy Fantinato

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June 19th

Aula Magna “A. Quistelli” Mediterranean University of Reggio Calabria

✓ **12:00-14:00 Registration**

✓ **14:00-14:30 Opening Ceremony and institutional greetings**

- **On. Giusi Princi:** Member of the European Parliament
- **Prof. Giuseppe Zimbalatti:** Magnificent Chancellor of the Mediterranean University of Reggio Calabria
- **Prof. Marco Poiana:** Director of the AGRARIA Department
- *Other institutional representatives to be confirmed*

✓ **1ST SESSION. *Habitat monitoring, management and restoration***

Chairpersons: Simonetta Bagella and Daniela Gigante

- **14.30-15.15**

Keynote speaker: Prof. Ricardo Quinto Canas – University of Algarve (Portugal)

Identifying priority habitats for restoration in the south of Portugal

- **15.15-15.30: Acosta ATR,** Allevato E, Angiolini C, Bagella S, Bazan G, Bertacchi A, Brancaloni L, Buffa G, Del Vecchio S, Biase L, Calbi M, Caria MC, Ciccarelli D, Cutini M, de Francesco MC, De Natale A, Fantinato E, Fiaschi T, Gangale C, Gerdol R, Gianguzzi L, Laface VLA, Maccherini S, Morabito A, Mugnai M, Musarella CM, Pafumi E, Santangelo A, Sarmati S, Sciandrello S, Siccardi E, Spampinato G, Stanisci A, Strumia S, Viciani D

Monitoring long-term changes in Italian coastal dune vegetation: insights from the Resurveydunes initiative

- **15.30-15.45: Caria MC,** Cuccuru S, Denaro A, Farris E, Maccioni A, Mascia F, Orrù G, Pisanu S, Riviaccio G, Serra S, Bagella S

Issues related to the monitoring of priority habitat 6220 in Sardinia*

- **15.45-16.00: Di Pietro R,** Aleffi M, Azzella MM, Carli E, Giardini M, Fortini P, Iamónico D, Proietti E, Ravera S, Tondi G

Vegetation of travertines: phytosociology, habitats mapping and environmental quality in the Acque Albule area (central Italy)

- **16.00-16.15: Gianguzzi L,** La Mantia A, Bazan G, Guarino R

Misaligned interpretation of Natura 2000 sites in Italy: reassessing habitats 5220 and 5330*

- **16.15-16.30: COFFEE BREAK**

- **16.30-16.45:** Bagella S, Acosta A, Allegrezza M, Angiolini C, Assini S, Bonari G, Buffa G, Caccianiga M, Caria M.C, Farris E, Frattaroli AR, Gianguzzi L, Giusso Del Galdo GP, Malavasi M, Spampinato G, Viciani D, Barcella M, Ciaramella D, De Simone L, Di Cecco V, Galdenzi D, Gennai M, La Mantia A, Lorenzato L, Maneli F, Miraglia G, Morabito A, Pisanu S, Riviaccio G, Selvaggi A, Sini A, Sperandii MG, Tesei G, Bacchetta G, Bacilliere G, Bazan G, Bolpagni R, Brancaloni L, Cannucci S, Castello M, Ciaschetti G, Ciccarelli D, Copiz R, Cutini M, D'Agostino



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M, Dalle Fratte M, Di Martino L, Fanfarillo E, Fantinato E, Fascetti S, Fiaschi T, Filesì L, Foggi B, Forte L, Gerdol R, Guarino R, La Bella G, Lasen C, Marcenò C, Mariotti M, Mascia F, Mei G, Merloni N, Morabito A, Musarella CM, Oriolo G, Patera G, Perrino EV, Petraglia A, Petriccione B, Postiglione N, Puglisi M, Sciandrello S, Stanisci A, Stinca A, Strumia S, Tomaselli V, Valle B, Venanzoni R, Villani M, Zangari G, Angelini P, Carli E, Casella L, Pretto F, **Gigante D**

Habitat type reporting under article 17 of the Habitats Directive: the Italian approach for the 2019–2024 cycle

- **16.45-17.00: Minissale P**, Cambria S, Tavilla G
Ampelodesmos mauritanicus grasslands, a misunderstood habitat (6220 vs 5330 code of Annex I Dir. 92/43/EEC)
- **17.00-17.15: Petriccione B**
32 years of integrated habitat monitoring at the high-mountain station of Velino-Duchessa LTER site
- **17.15-17.30: Villani M**, Marchesin M
Neglected habitats of SAC IT 3210012: Val Galina e Progno Borago
- **17.30-18.30**
POSTER SESSION
- **18.30-19.30**
General Assembly of the members of the Italian Society of Vegetation Science at the D1 classroom of the Building D, first floor
- **21.00**
Social dinner at “L’Accademia Gourmet”
Via Largo Cristoforo Colombo n. 9, 89125 Reggio di Calabria
<https://maps.app.goo.gl/X2GqpYVHWz4poxdp8>

June 20th

✓ 2ND SESSION. *Functional traits and Diversity in plant communities*

Chairpersons: Edy Fantinato and Daniele Viciani

- **08.45-9.30**
Keynote speaker: Prof. Daniela Ciccarelli - University of Pisa (Italy)
Trade-offs in plant ecological strategies: between established paradigms and new frontiers
- **09.30-09.45: D’Agostino M**, Maccherini S, Angiolini C, Bacaro G, Bacchetta G, Bagella S, Barni E, Bonari G, Buffa G, Caldarella O, Calderisi G, Canella M, Cannucci S, Caria MC, Castello M, Chiaffarelli G, Cogoni D, Cuenca-Lombrana A, Dalle Fratte M, de Simone L, Del Vecchio S, Deola T, Fantinato E, Farris E, Fenu G, Fiaschi T, Fois M, Gianguzzi L, Lastrucci L, Lazzaro L, Lonati M, Lozano V, Maccioni A, Mainetti A, Marengo G, Mascia F, Minuzzo C, Misuri A, Mugnai M, Murgia L, Pafumi E, Patera G, Potenza G, Rosati L, Sarmati S, Siccardi E, Tavilla G, Tiloca MT, Tomaselli V, Vagge I, Viciani D, Zangari G, Fanfarillo E
Plant diversity across Italian agricultural landscapes: integrating taxonomic, functional, and phylogenetic dimensions



- **09.45-10.00: De Toma A**, Sweeney L, Baudena M, Sabatini FM, Ottaviani G, Carboni M
Global patterns of plant communities and functional traits in fire-prone ecosystems
- **10.00-10.15: Napoleone F**, Frondoni R, Probo M, Ravetto Enri S, Lonati M, Argenti G, Burrascano S
Building a bouquet for pollinators: moderate grazing drives the diversity of flower traits in semi-natural grasslands
- **10.15-10.30: Pelella E**, Bonari G, Bricca A, Cannucci S, Fiaschi T, Fanfarillo E, Fedeli R, Fellin H, Loppi S, Maccherini S, Angiolini C
Old-established mediterranean cypress forests of Italy: do they homogenize plant diversity?
- **10.30-10.45: COFFEE BREAK**
- **10.45-11.00: Perrone M**, Schweizer JM, Malavasi M, Moravec D, Komárek J, von Büren RS, Santos MJ, Koch TL, van Moorsel SJ, Rossi C
Can leaf-level spectroscopy support plant diversity monitoring in alpine grasslands?
- **11.00-11.15: Quaranta L**, Di Marzio P, Fortini P
Comparative analysis of leaf traits in Quercus cerris L. and Q. frainetto Ten. under urbanization pressure in the mediterranean region
- **11.15-11.30: Zangari G**, Bricca A, Calvia G, Alessi N, Bonari G, Hiebl B, Rutzinger M, Zerbe S
Phylogenetic diversity patterns of broad-leaved forests in response to historical climate dynamics

✓ **3RD SESSION. Phytosociology and applied Geobotany - Session dedicated to Professor Edoardo Biondi – 1st part**

Chairpersons: Romeo Di Pietro and Giovanni Spampinato

- **11.30-11.45: Simona Casavecchia**
In gratitude and memory of Professor Edoardo Biondi, my mentor and guide
- **11.45-12.30**
Keynote speaker: Prof. Carlo Blasi – Prof. emeritus Sapienza University of Rome (Italy)
Plant sociology and vegetation science have long provided tools for understanding, preserving and implementing the nature restoration
- **12.30-12.45: Bagella S**, Bacchetta G, Farris E
The contribution of Edoardo Biondi to the advancement of geobotany in Sardinia
- **12.45-13.00: Pesaresi S**, Quattrini G, Hofmann N, Luchetti L, Mancini A, Casavecchia S
Mapping vegetation and habitats by integrating drone truthing and remotely sensed multispectral seasonal variations
- **13.00-14.00: LUNCH BREAK & POSTER SESSION**

✓ **3RD SESSION. Phytosociology and applied Geobotany - Session dedicated to Professor Edoardo Biondi – 2nd part**



- **14.00-14.15: Bajona E**, Raimondo FM, Di Gristina E, Venturella G
An overview of mountain peatland vegetation of Apennines, Sicily and Sardinia (Italy)
- **14.15-14.30: Farris E**, Caria MC, Denaro A, Capeddu A, Fadda M, Maccioni A, Riviuccio G, Bagella S
Phytosociological interpretation of the EU habitat 6220 in Sardinia*
- **14.30-14.45: Filesi L**, Masin R, Lasen C, Villani M, De Coi A
The oak forests of the Euganean hills (Veneto, northern Italy)
- **14.45-15.00: Labadessa R**, Tarantino C, Forte L
Changes in Stipa austroitalica grassland communities over twenty years
- **15.00-15.15: Laface VLA**, Musarella C.M., Morabito A., Spampinato G
Ecology and phytosociology of Tricholaena teneriffae (Poaceae) in Italy
- **15.15-15.30: Farris E**, Maccioni A, Marignani M, **Mascia F**, Rosati L
The vegetation of the order Bellido sylvestris-Arisetalia vulgaris Biondi 2017 in the western Mediterranean, with a particular focus on Sardinia
- **15.30-15.45: Sciandrello S**
Vegetation classification and changes of the coastal wetlands of the Catania plain (eastern Sicily)

✓ 4th SESSION. *Free session*

Chairpersons: Claudia Angiolini and Carmelo Maria Musarella

- **15.45-16.00: Armiraglio S, Lipreri E**, Simonetto A, Contardo T, Ghiglieno I, Gilioli G, Lazzaroni G
Green roofs as habitats to restore prealpine dry grasslands: the case study of Brescia municipality (northern Italy)
- **16.00-16.15: Buldrini F**, Nascimbene J, Del Vecchio S, Bolpagni R
Reconstructing the plant landscape of a Renaissance marsh through the lens of the Erbario Aldrovandi
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- **16.15-16.30: de Simone L**, Selloum R, Fiaschi T, Maccherini S, Angiolini C
Assessing the short-term impact of selective logging versus clear cutting on riparian forests (structure, traits and composition of understory) in a mediterranean river
- **16.30-16.45: COFFEE BREAK**
- **16.45-17.00: La Bella G**, Marco Andrello, Luca Santini, Luca Francesco Russo, Francesca Martelli, Matteo Giuliani, Leonardo Ancillotto, Pierfilippo Cerretti, Andrea Di Giulio, Marta Carboni
Green spaces in the urban jungle: how spatial patterns and human disturbance shape ecosystem services in Rome
- **17.00-17.15: Maccioni A**, Bazzato E, Macis S, Marigani M, Farris E
Dwarf-shrubs effects on composition and diversity of plant communities in coastal habitats in Sardinia
- **17.15-17.30: CLOSING CEREMONY**

- **18.00 Guided tour of the National Archaeological Museum of Reggio Calabria** housing the Riace Bronzes (<https://maps.app.goo.gl/wzQwT6fuYvThoDb96>)
- **19.30 Tour of Reggio Calabria city** by convertible tourist bus. Audioguide in: IT, EN, FR, DE, ES. Duration: 45 min.

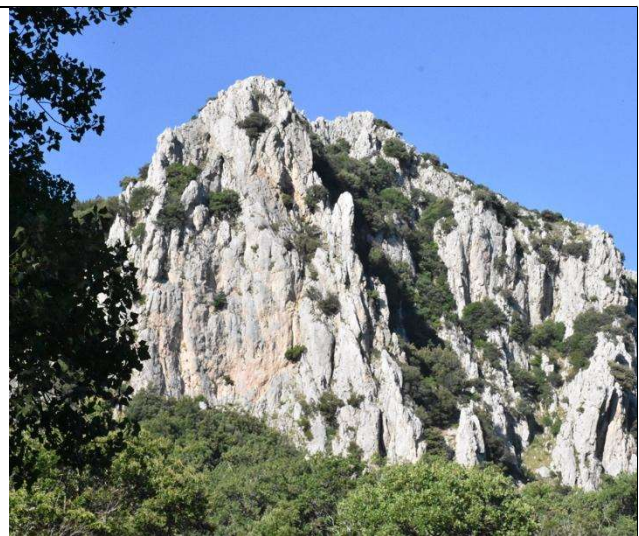
June 21st, 2025

Field trip to the 'Aspromonte National Park': Tre Limiti and the Menta Dam.

- 07:30 Meeting of participants at Piazza Indipendenza, Reggio Calabria (<https://maps.app.goo.gl/EiTJx36f7DUvk1e8A>)
- 08:00 Departure
- 13:00 Packed Lunch (the lunch is included in the registration fee)
- 17:00 Expected return to Reggio Calabria at the same place of departure and/or railway station and/or airport of Reggio Calabria.



Aspromonte N.P., Piano delle Valli (Reggio Calabria, Southern Italy), Peat bog habitat 7240



Aspromonte N.P., Dolomiti di Canolo (Reggio Calabria, Southern Italy), cliffs habitat 8210



Aspromonte N.P., Fiumara di Melito (Reggio Calabria, Southern Italy), *Helichrysum italicum* plant community of the habitat 3250



Aspromonte N.P., S. Giorgio Morgeto (Reggio Calabria, Southern Italy), black alder woods with *Osmunda regalis* habitat 91E0*



LIST OF POSTERS

POSTER SESSION 1 - *Habitat monitoring, management and restoration*

1.1: **Ciccarelli D**, Saviozzi S, Wolff-Coutinho J, Orazi D, Bertacchi A

Resurveydune project: assessing coastal dune changes in the San Rossore Estate and Calambrone (Tuscany, Italy)

1.2: **Cini E**, Marzialetti F, Acosta ATR, Sarmati S, Malavasi M, Allevato E, Angiolini C, Bagella S, Bazan G, Bertacchi A, Brancaloni L, Buffa G, Del Vecchio S, Calbi M, Caria MC, Ciccarelli D, Cutini M, de Francesco MC, De Natale A, Di Biase L, Fantinato E, Fiaschi T, Gangale C, Gerdol R, Gianguzzi L, Laface VLA, Maccherini S, Morabito A, Mugnai M, Musarella CM, Pafumi E, Santangelo A, Sciandrello S, Siccardi E, Spampinato G, Stanisci A, Strumia S, Viciani D, Perrone M

Bridging past and present: integrating resurvey data with Landsat time series for enhanced vegetation change detection in Italian coastal dunes

1.3: **Denaro A**, Caria MC, Acosta TRA, Fadda M, Farris E, Maccioni A, Malavasi M, Riviuccio G, Sperandii MG, Bagella S

SARDU – A Sardinian dune vegetation database

1.4: **Fiaschi T**, de Simone L, Bonari G, Maccherini S, Angiolini C

A comparison of two bryophyte-dominated EU Annex I habitats: 7220 and the first documented record of 32A0 in Italy*

1.5: **Mascia F**, Foggi B, Bonari G, Cannucci S, Fiaschi T, Gennai M, Angiolini C

Preliminary data on shrublands dominated by Tamarix sp.pl. in Tuscany (central Italy)

1.6: **Miraglia G**, Colombo C, De Beni E, Sciandrello S, Giusso del Galdo G

Effects of the 2025 lava flow on the habitats of Mt. Etna (Sicily)

1.7: **Miraglia G**, Giusso del Galdo G, Sciandrello S

Chasmophytic communities on the coastal cliffs of Mt. Etna (Sicily)

1.8: Bertacchi A, **Orazi D**, Marchi G, Campigli S, Lombardi T, Merlini C, Pellegrini E

Monitoring disturbed habitat using UAVS: the case of habitat affected by the presence of Xylella fastidiosa subsp. multiplex in Monte Argentario (Grosseto, central Italy)

1.9: **Pafumi E**, Angiolini C, Bacaro G, Fanfarillo E, Fiaschi T, Rocchini D, Thouverai E, Acosta ATR, Bagella S, Brancaloni L, Buffa G, Caria MC, De Simone L, Di Biase, Fantinato E, Gerdol R, Gristina AS, Guarino R, Marcenò C, Marignani M, Petruzzellis F, Sarmati S, Sciandrello S, Sperandii MG, Maccherini S

Deep learning for habitat mapping: exploring Italian coastal dunes

1.10: **Riviuccio G**, Buck-Diaz J, Caria MC, Connelly F, Culver E, Kennet GK, Bagella S

Towards sustainable pond management: insights from vegetation data collection, East Bay Parks, California (U.S.A.)

1.11: **Sarmati S**, Iberite M, Del Vecchio S, Sperandii MG, Acosta ATR

Monitoring long-term biodiversity changes in salt marsh habitats

1.12: **Soriano P**, Estrelles E

Ex-situ approaches for effective conservation and restoration of priority habitats: optimization of germination protocols of key species

1.13: **Venanzoni R**, Ciaschetti G, Maneli F

LIFE19 IPE/IT/000015: Restoration of habitat 7230 - Low alkaline fens in the Colfiorito marsh. Results of the second year of replanting activities



1.14: Tardella FM, Catorci A, Cutini M, Giorgini I, **Zitarelli C**
Resurveying alpine grasslands in the Monti Sibillini National Park (central Apennines, Italy)

POSTER SESSION 2 - Functional traits and Diversity in plant communities

2.1: **Buldrini F**, Dalle Fratte M, Fava A, Dalla Vecchia A, Bolpagni R
IMAD: a national project aimed at updating ecological-functional knowledge on macrophytes in Italy

2.2: Riviuccio G, Al Hajj N, **Roggero PP**, Bagella S
Pastoral value: recent advances and future perspectives

2.3: **Villani M**, Gallo M, Rosa R, Vianello F, Fiorentin R, Gianolla A
Dry grassland restoration projects in the Euganean hills (northern Italy)

POSTER SESSION 3 - Phytosociology and applied Geobotany

3.1: Jiménez-Jiménez E, Muñoz-Gómez G, Fernández-González F, **Pérez-Badia R**
Weed plant communities of the vineyards in Castilla-La Mancha region (central Spain)

3.2: Mezza I, Lastrucci L, Viciani D, Di Marzio P, Di Pietro R, **Fortini P**
New data on the river ecosystem vegetation pattern in the Molise Region (central-southern Italy)

3.3: **Tomaselli V**, Beccarisi L, Carruggio F, Mennuni G
Phytosociological analysis of the juniper communities of SAC IT9110015 "Duna e lago di Lesina – Foce del Fortore" (Apulia, southern Italy)

POSTER SESSION 4 - Free session

4.1: **Bonari G**, Terranova G, Ciaramella D, Angiolini C
*Forests of *Tetraclinis articulata* (Vahl) masters in northwestern Africa*

4.2: **Cannucci S**, Bonari G, Bolpagni R, Dalla Vecchia A, Fanfarillo E, Fiaschi T, Maccherini S, Mascia F, Angiolini C
Macrophyte diversity and conservation value of farmland ponds: key sites and drivers

4.3: **Filesi L**, Ivan D, Casarotto N, De Coi A
The vegetation of the terraces along the Alta Via del Tabacco

4.4: **Filesi L**, De Coi A, Casarotto N, Ivan D, Mezzalana G
Permanent grasslands of the middle Brenta (northern Italy)

4.5: **Morabito A**, Spampinato G, Cannavò S, Laface VLA, Del Rio S, Quinto Canas R, Musarella CM
*Eradication and control of *Cenchrus setaceus* (Forssk.) Morrone in Calabria (southern Italy): a project for vegetation conservation*

4.6: **Patti M**, Musarella CM, Spampinato G
Greening cities with native plants: a mediterranean-based model for green walls