IAVS

Gijón Xixón

Jardín Botánico Atlántico

Universidad de Oviedo

IAVS 2026

68th Annual Symposium of the International Association for Vegetation Science

Understanding Ecosystems Through Vegetation

22-26 June 2026, Gijón, Spain

Programme



68th Annual Symposium of the International Association for Vegetation Science

Understanding Ecosystems through Vegetation

https://2026gijon.iavs-meetings.org/

Organized by

Vegetation and Biodiversity Lab, University of Oviedo

Jardín Botánico Atlántico de Gijón

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All abstracts submitted for both oral and poster presentations were reviewed by the Local Organizing Committee and the External Scientific Committee. Following acceptance, the order of presentations within each thematic session was determined randomly.

Scientific Program
68th IAVS SYMPOSIUM JUNE 2026, GIJÓN

Eligible for Young Scientist Award (degree completed within the last 3 years)

MONDAY 22

08:00 REGISTRATION

	Plenary Hall	Room 1	Room 2	Room 3
8:50-9:20	Opening			
9:20-10:10	**Keynote: MARK VELLEND.** Biodiversity change and adaptive dynamics in plant communities (Plenary Hall)			
10:10-11:00	**Keynote: M. BEGOÑA GARCÍA.** Collaborative Science: an essential tool for monitoring biodiversity dynamics (Plenary Hall)			
	(Chair Borja Jiménez-Alfaro)			

11:00-11:30 COFFEE BREAK

11:30-13:30	Plenary Hall	Room 1	Room 2	Room 3
	Anthropogenic Ecosystems I (Chair Marta Carboni)	Freshwater Ecosystems (Chair Idoia Biurun)	Cold-driven Ecosystems I (Chair Anke Jentsch)	Mechanisms of stability I (Chair Aleš Lisner)
11:30	**AE1** Direct and indirect impacts of *Carpobrotus aciniformis* invasion on dune ecosystems of Lazio, Italy. **Aurora Forniti.**	**FW1** Recovery of wet grasslands after fire is constrained by failure in groundwater recharge in the Cerrado. **Andra Carolina Dalbeto.**	**CD1** UV-B stress responses and functional differentiation in Antarctic vegetation communities. **Alberto J. Parada-Siles.**	**MS1** Role of species climatic niche in forest community resilience to extreme drought. **Francisco Lloret.**
11:50	**AE2** Unintentional seed dispersal via the trade of container-grown garden plants: Seed density and composition vary among exporter countries. **Judit Sonkoly.**	**FW2** Vegetation responses to livestock exclusion: a five-year study in Pyrenean fens. **Eulàlia Pladevall-Izard.**	**CD2** Widespread thermophilization but weak link to climate warming in Europe's mountaintop vegetation. **Johannes Hausharter.**	**MS2** Similar and synchronous? **Johanne Gresse.**
12:10	**AE3** Non-native plant species regenerate more effectively than co-existing native species. **Adrián Lázaro-Lobo.**	**FW3** The role of functional diversity and grazing disturbance in mire plant community assembly and functioning. **Aaron Pérez-Haase.**	**CD3** Canopy-scale effects of shrub encroachment on soil properties and their microbial communities in alpine mountains. **Alba Anadon-Rosell.**	**MS3** Metapopulation spatial synchrony decreases the potential for metacommunity stability. **Clara Gracia.**
12:30	**AE4** Alien plant invasions in the landscape: the role of structure and connectivity across spatial scales. **Francesco Boscutti.**	**FW4** Historical and current drivers of plant biodiversity in floodplain forest quality. Lessons from a regulated pre-alpine river. **Tobias Fuchs.**	**CD4** Plant functional traits reveal effects of warming and competition on Range expanding plant species. **Dagmar Egelkraut.**	**MS4** Root outsourcing to mycorrhizae determines population temporal stability in grasslands. **Maria Májeková.**
12:50	**AE5** Bryophyte-dominated communities related to human impact and management in Mediterranean coastal dunes. **Pere Miquel Mir-Rosselló.**	**FW5** Diversity comes at a cost: multifaceted diversity reduces plant community stability in peatlands. **Balti Heikel.**	**CD5** Effects of macro- and microclimate on dwarf-shrub litter decomposition across boreal and subarctic Norway. **Kristine Birkeli.**	**MS5** Extending community stability metrics to account for directional changes in species abundance and composition. **Héctor Miranda.**
13:10	**AE6** Anthropocene Shifts within Global Plant Functional Trait Space. **Sophie Wolf.**	**FW6** Detecting vegetation changes in Cantabrian mires using Remote Sensing and field resurveys. **Alessandra Pollo.**	**CD6** Non-linear plant and soil biota responses to warming in subarctic tundra. **Eliška Kuťáková.**	**MS6** Biodiversity-multistability relationships across ecosystem breakdowns. **Benoît Pichon.**

13:30-15:00 LUNCH
(14:00-15:00: Vegetation classification WG business meeting, Room 1)

15:00-16:40	Plenary Hall	Room 1	Room 2	Room 3
	Anthropogenic Ecosystems II (Chair Judit Sonkoly)	Vegetation Databases I (Chair Gabriella Damasceno)	Cold-driven Ecosystems II (Chair Alba Anadon-Rosell)	Mechanisms of stability II (Chair Johanne Gresse)
15:00	**AE7** The Big Replacement: invasive species take over functional and phylogenetic space of native grasslands in Brazil. **Helena Streit.**	**VD1** Understanding long-term plant diversity changes in Europe. **Ute Jandt.**	**CD7** Cushion plant responses and ecosystem alterations in the Qinghai-Tibet Plateau periglacial zone under global warming. **Hang Sun Hang.**	**MS7** Biodiversity stabilizes ecosystem productivity through functional trait–driven drought resistance. **Xiaobin Pan.**

MONDAY 22 (cont.)

15:20	**AE8** Plant invasions in grasslands of Switzerland: invaders, spatial patterns and effects on biodiversity. **Jürgen Dengler.**	**VD2** Community visualisation from vegetation plots: Algorithmic reconstruction of vegetation profiles. **Lubomír Tichý.**	**CD8** Extending plant water-use strategies to flowers: evidence from trait correlations across plant organs. **Dario Paiva.**	**MS8** Effects of nutrient enrichment on plant community stability and its components. **Jules Segrestin.**
15:40	**AE9** Spatial distribution of alien plant species impacts on biodiversity across Europe. **Marta Carboni.**	**VD3** Ellenberg ecological indicators for the Spanish flora. **Rosario Gavilán.**	**CD9** Arctic seed germination in a warming climate. **Louise Winther.**	**MS9** The role of dominance, asynchrony, and averaging effect in stabilizing plant communities across a species loss gradient. **Aleš Lisner.**
				Plant community interactions I (Chair Francisco Pugnaire)
16:00	**AE10** Pervasive effects of plant invasions along roadsides on native vegetation across tropical forests and savannas. **Juliano Zardetto.**	**VD4** What do we really learn from resurveying vegetation plots, and how could we do better? **Tracy Hruska.**	**CD10** Mountain plant species revealed high pollinator dependence that increases with elevation. **Margherita Tognela.**	**PC1** When fungal friends turn foes: ectomycorrhizal networks spread carbon limitation and impair plant water relations in the field. **Gerard Sapes.**
16:20	**AE11** Ecosystem functioning in novel mixed forests: a global systematic map. **Raquel Juan-Ovejero.**	**VD5** The relative effects of climate and human activities on grassland beta diversity have changed over the past four decades in Europe. **Manuele Bazzichetto.**	**CD11** Subarctic cold spot Faroe Islands shows decreasing floristic diversity and no thermophilization in summit vegetation over the past two decades. **Anke Jentsch.**	**PC2** Are larger and more nutritious seeds more independent from mycorrhizal symbiosis? **Tereza Mašková.**

16:40-17:10 COFFEE BREAK

	Plenary Hall	Room 1	Room 2	Room 3
17:10-18:30	Anthropogenic Ecosystems III (Chair Meelis Pärtel)	Vegetation Databases II (Chair Ute Jandt)	Cold-driven Ecosystems III (Chair Manuela Winkler)	Plant community interactions II (Chair Alicia Valdés)
17:10	**AE12** Are invasive plant species a real problem to nature conservation in Denmark? **Camilla Tvede.**	**VD6** How well do mean ecological indicator values predict soil variables? A comparative assessment with large datasets. **François Gillet.**	**CD12** Global trends in alpine plant species composition under climate change. **Moritz Fallgatter.**	**PC3** Competition between soil microbial communities affects the outcome of plant-plant competition. **Francisco I. Pugnaire.**
17:30	**AE13** Climbing invaders: effects of non-native lianas on riparian forest communities. **Claudia Angiolini.**	**VD7** Ecological Indicator Values for Europe (EIVE) 1.5: now including bryophytes, lichens and macroalgae. **Florian Jansen.**	**CD13** Taxonomic and functional diversity along a deglaciation gradient: disentangling the effects of primary succession and grazing pressure. **Luana Bertolotti.**	**PC4** Structure, composition, and activity of fungal and bacterial communities in sub-Mediterranean areas. **Clara Maluenda.**
17:50	**AE14** Global patterns of plant diversity on nature trails. **Lauri Laanisto.**	**VD8** Time to switch to open data: implementing FAIR principles in the European Vegetation Archive. **Irena Axmanová.**	**CD14** Competition drives pronounced extinction debt in mountain plants. **Norbert Helm.**	**PC5** Vegetation types and associated plant cover shape bacterial community structure and assembly in Mediterranean coastal wetlands. **Silvia Macis.**
18:10	**AE15** Impacts of the invading shrub *Caragana arborescens* on vegetation structure and soil functioning in the southern boreal forests of Canada. **Jude Bibkewich.**		**CD15** Regeneration niche dissimilarity does not promote higher species richness in alpine communities. **Clara Espinosa del Alba.**	**PC6** The role of soil microbial communities on plant-plant interactions. **Gaia Micco.**
18:30-19:00	**Special plenary: GERMÁN ORIZAOLA. Communicating Vegetation Science on Social Media (Plenary Hall)** (Chair José V. Roces Díaz)			
19:10-20:30	**Latin America WG meeting (Room 1)**			
19:10-21:00	**JVS/AVS Editorial Meeting (Botanical Garden)**			

TUESDAY 23

08:30 REGISTRATION

	Plenary Hall	Room 1	Room 2	Room 3
9:00-10:00	**Alexander von Humboldt Award** **Keynote: JENS C. SVENNING.** Vegetation Dynamics in a Novel Biosphere: Integrating Ecology, History, and Futures (Plenary Hall) (Chair **Martin Diekmann**)			
10:00-11:00	**Vegetation, restoration and management I** (Chair Viktoria Wagner)	**Scaling laws in (vegetation) ecology** (Chair Jürgen Dengler)	**Fire-prone Ecosystems I** (Chair Alessandra Fidelis)	**Community Assembly I** (Chair Milan Chytrý)
10:00	**VR1** Early multi-species sowing enhances the recovery potential of restored grasslands. **Kiss Réka.**	**SL1** Variation in taxonomic and functional composition of plant communities along gradients of climate and land use in human-modified landscapes. **Sandra Rojas-Botero.**	**FP1** Extreme fire severity interacts with seed traits to determine plant community assembly. **Mark Ooi.**	**CA1** Unrealised biodiversity potential: functional and phylogenetic extensions of dark diversity. **Meelis Pärtel.**
10:20	**VR2** Vegetation complexity shapes microbial recovery in restored dryland soils: A decade perspective. **Miriam Muñoz-Rojas.**	**SL2** Stable scaling relationships mask hidden community changes in a mountainous landscape. **Sophie Weides.**	**FP2** Copy-pasting for persistence: a synthesis of how clonal mechanisms drive grass success and vegetation dynamics in fire-prone tropical grasslands. **Hudson Fontenele.**	**CA2** Using stable isotope ratios as plant traits in vegetation ecology. **Zoltán Botta-Dukát.**
10:40	**VR3** Herbivory and mosaic landscapes promote plant diversity across spatial scales in Mediterranean ecosystems. **Francisco M. Azcárate.**	**SL3** The power of scale: uncovering biodiversity patterns and environmental drivers in riparian forests. **Idoia Biurrun.**	**FP3** Long-term impacts of fire on grassland diversity and productivity: a meta-analysis. **Eric Lamb.**	**CA3** Predicting species richness change with model-based ordination. **Bert van der Veen.**

11:00-11:30 COFFEE BREAK

	Plenary Hall	Room 1	Room 2	Room 3
11:30-13:10	**Vegetation, restoration and management II** (Chair Francesco M. Sabatini)	**Impact of military conflicts on vegetation** (Chair Anna Kuzemko)	**Fire-prone Ecosystems II** (Chair Francisco Lloret)	**Community Assembly II** (Chair Francesco de Bello)
11:30	**VR4** Donor and recipient hydrological conditions interact with soil type in shaping plant communities restored by soil inoculation. **Tobias Skjærlund.**	**IM1** Broadleaved forests degradation caused by Russian war in Ukraine: remote sensing perspective. **Maksym Matsala.**	**FP4** Biodiversity regeneration in Mediterranean shrublands: Ecological losses associated with shortened fire return intervals. **María E. Coca García.**	**CA4** Are oak woodlands endangered? A century of mesophication in old-growth forests of the Southern Appalachians (USA). **Jason Fridley.**
11:50	**VR5** Seed mix diversity and planting season influence restored grassland plant communities, with effects persisting for more than a decade. **Markus Bauer.**	**IM2** Scientific criteria for qualifying ecocide: Insights from field studies of war-destroyed ecosystems in Ukraine. **Anna Kuzemko.**	**FP5** Are there trade-offs? Resource allocation between vegetative and reproductive traits in a tropical savanna. **Heloiza L. Zirondi.**	**CA5** Climatic resilience, climatic niche approach for quantifying environmental filtering. **Raquel Díaz Borrego.**
12:10	**VR6** An Integrated Genomic and Restoration Framework for the Conservation of the Algerian Oak (*Quercus canariensis* Willd.) in Portugal. **Carlos Vila-Viçosa.**	**IM3** Socio-ecological consequences of military conflicts and forest vulnerability: the indicator role of bryophytes. **Iryna Rabyk.**	**FP6** Enhanced autosuccession after wildfire in a transitional sub-Mediterranean forest ecosystem: Evidence from the Kras Plateau (Slovenia). **Andraž Čarni.**	**CA6** Multimodal plant diversity patterns mediated by community structure across successional-environmental gradients. **Gonzalo Velasco.**
12:30	**VR7** Misguided compensation measures: Soil and vegetation responses to pine plantations in grasslands. **Celia González-López.**	**IM4** War and vegetation in Syria: changes in forest and plant conservation. **Sandra Saura-Mas.**	**FP7** Who writes the rules? Fire regime and plant community assembly in the Cerrado. **Mariana Dairel.**	**CA7** Co-occurrence-based measures of species habitat specialisation revisited. **David Zelený.**
12:50		**IM5** Assessment of the impact of fires caused by warfare on Ukraine's natural ecosystems. **Olha Chusova.**	**FP8** Effects of interacting disturbances on wetland vegetation recovery trajectories in the Everglades, Florida, USA. **Jay Prakash Sah.**	**CA8** Divide to unify: differences in growth form trait combinations to disentangle plant diversity. **Eleonora Beccari.**

TUESDAY 23 (cont.)

GROUP PHOTO
13:10-14:40 LUNCH
(13:40-14:40: Asian Regional Section business meeting, Room 1)

	Plenary Hall	Room 1	Room 2	Room 3
14:40-15:30	**Keynote: FERNANDO MAESTRE.** Beyond the barren image: The unexpected diversity of dryland vegetation (Plenary Hall) (Chair Iván Prieto)			
15:30-16:30	Drought-driven Ecosystem I (Chair Ivan Prieto)	Central-European grasslands (Chair Michele di Musciano)	Urban plant communities (Chair Adrián Lázaro Lobo)	
15:30	**DD1** Phylogenetic and functional distance jointly shape competitive effects and responses among co-occurring plant species in a common garden experiment **Kevin Mejia-Alarcon.**	**CE1** 30 years of grassland responses to ecological trends and events **Carl Beierkuhnlein.**	**UR1** Epiphyte traits and host preferences influence urban epiphyte assemblages **Hannah Rogers.**	(Epiphyte Inventory Group business meeting)
15:50	**DD2** Reconciling changes in water use efficiency and stomatal conductance in Mediterranean plant communities along an aridity gradient. **Francisco J. Muñoz Gálvez.**	**CE2** Plant and soil drivers of grassland biodiversity in the Czech–Saxon border region **Lenka Pavlů.**	**UR2** Plant community diversity, assembly, dynamics, and evolution in a forest cathedral **Guillaume Decocq.**	(Epiphyte Inventory Group business meeting)
16:10	**DD3** Impacts of center-pivot irrigation on flora and plant communities in the El Oued region, northern Sahara algerian **Hacène Abdelkrim.**	**CE3** Shifts in dry grassland vegetation depend on soil and microtopography **Susanne Horka.**	**UR3** Dynamics and environmental drivers of epiphytic bryophytes in an urban environment **Martin Diekmann.**	(Epiphyte Inventory Group business meeting)
16:30-18:30	POSTER SESSION I (Odd numbered) Painting room			
18:30-19:00	**Special plenary: BORJA JIMÉNEZ-ALFARO.** The Ibero-Atlantic Region: A Biogeographical Introduction and Excursion Briefing (Plenary Hall)			
19:10-21:00	**IAVS Council (Botanical Garden)**			

WEDNESDAY 24

MID-SYMPOSIUM EXCURSIONS

THURSDAY 25

08:30 REGISTRATION

	Plenary Hall	Room 1	Room 2	Room 3
9:10-10:00	**Keynote: CÉSAR MORALES.** Long-term dynamics of conifer forests in the mountains of southern Europe (Plenary Hall) (Chair **Milan Chytrý**)			
10:00-11:00	Drought-driven ecosystems II (Chair Javier Loidi)	The hidden half: questions in belowground ecology I (Chair Jitka Klimešová)	Plant biogeography and macroecology I (Chair Josep Padullés Cubino)	Long-term vegetation dynamics I (Chair Radim Hedl)
10:00	**DD4** Climatic niche position explains compositional change in Doñana shrublands under increasing aridity. **Teresa Sánchez.**	**HH1** Trait-based insights into plant community assembly and diversity under fire: a belowground perspective from open ecosystems. **Alessandra Fidelis.**	**PB1** Disentangling climatic hazard, vulnerability, and exposure to assess vegetation risk under climate change in three Italian mountain areas. **Francesco Maria Sabatini.**	**LT1** Human-induced extinction and extinction debt of vascular flora: the size of hidden extinction. **Béla Tóthmérész.**
10:20	**DD5** Multi-scale patterns of plant co-occurrence and functional diversity in the patchy Succulent Karoo vegetation. **Pia Maria Eibes.**	**HH2** Hidden reservoirs in harsh landscapes: tissue traits, not rainfall, shape water storage in African grassland forbs. **Frances Siebert.**	**PB2** Vegetation dynamics on small islands: successional dynamics or equilibrium theory. **Alessandro Chiarucci.**	**LT2** Modelling New Zealand's pre-human forested landscapes. **James McCarthy.**
10:40	**DD6** Altered precipitation amount and seasonality reduce productivity and change community structure in two semi-arid grasslands. **Scott Collins.**	**HH3** Physiological limits to rooting depth in trees. **Daniel Laughlin.**	**PB3** Diversity and distribution of native *Pinus sylvestris* forests in the Iberian Peninsula. **Víctor González García.**	**LT3** Peri-Carpathian forest-steppe: A relict non-equilibrium ecosystem shaped by long-term disturbance. **Jan Roleček.**

11:00-11:30 COFFEE BREAK

	Plenary Hall	Room 1	Room 2	Room 3
11:30-13:10	Drought-driven ecosystems III (Chair Alicia Acosta)	The hidden half: questions in belowground ecology II (Chair Daniel Laughlin)	Plant biogeography and macroecology II (Chair Alessandro Chiarucci)	Long-term vegetation dynamics II (Chair Jan Roleček)
11:30	**DD7** Quartz islands at macro-scale: alpha, beta and zeta diversity across southern Africa. **Katharina Meyer.**	**HH4** Organization of the plant body: morphology, construction, and above-ground-belowground relationships. **Tomáš Herben.**	**PB4** Limiting factors of Northern Hemisphere tree species: revisiting Darwin's hypothesis through the Law of the Minimum. **Cristina Grajera Antolín.**	**LT4** Exploring biotic signals in vegetation assembly from the LGM to the Anthropocene. **Ondřej Mottl.**
11:50	**DD8** Climatic disequilibrium as a constraint of plant establishment: Evidence from Mediterranean ecosystems. **Virginia Crisafulli.**	**HH5** Economic spectrum of rhizomes. **Tomáš Klimešová.**	**PB5** Inferring dispersal limitation in alpine plant communities. **Jorge González Le Barbier.**	**LT5** Explaining plant distribution and richness on four extinct volcanoes of Waikato, New Zealand. **Bruce Clarkson.**
12:10	**DD9** Salinity and sand mobility as key drivers of vegetation in arid coastal dune systems. **Beatriz Castaño-Rodríguez.**	**HH6** Uprooting the understory: intraspecific and interspecific variation in xylem vessel diameter of herbaceous plants in beech understory communities. **Chiara Scalet.**	**PB6** An urgent call for better practices in phylogeny-derived trait-based biogeography and macroecology. **Rafael Molina Venegas.**	**LT6** A 124-year record of vegetation dynamics on the Santa Rita Experimental Range, Southwestern United States. **Alessandra Gorlier.**
12:30	**DD10** The Mediterranean Basin vegetation and flora: A historic and ecologic approach. **Javier Loidi.**	**HH7** The response of *Carex nigra* to disturbance by herbivory and trampling. **Paula Vicenç-Sabater.**	**PB7** Towards a synthesis of island Floras – new insights and resources for island biogeography. **Holger Kreft.**	**LT7** Transfer functions: Reconstructing past climate and lake-water chemistry through recent aquatic and wetland vegetation. **Anna Šolcová.**
12:50	**DD11** Effects of climate change on functional strategies and water use in sub-Mediterranean forest communities. **Iván Prieto.**	**HH8** Belowground non-structural carbohydrates in temperate herbs: Quantification and phylogenetic diversity. **Iveta Marešová.**	**PB8** Divergent evolutionary legacies of Northern Hemisphere temperate deciduous forests. **Josep Padullés Cubino.**	**LT8** Disentangling temporal vegetation dynamics through trait-based trajectory analysis. **Michele Di Musciano.**

13:10-14:40 LUNCH

THURSDAY 25 (cont.)

	Plenary Hall	Room 1	Room 2	Room 3
14:40-15:30	Keynote: ROSHANAK DARVISHZADEH. Monitoring Essential Biodiversity Variables from Space (Plenary Hall) (Chair Sebastian Schmidtlein)			
15:30-16:30	Earth observation of vegetation I (Chair Sebastian Schmidtlein)	Bringing classification approaches together I (Chair Jorge Capelo)	Plant biogeography and macroecology III (Chair Gianmaría Bonari)	Long-term vegetation dynamics III (Chair Ondrej Mottl)
15:30	EO1 Integrating forest inventory and hyperspectral remote sensing data to understand canopy spectral organization. **Rachel Kuzmich.**	BC1 WorldVegChecklist – towards a global checklist and revision of vegetation classes. **Denys Vynokurov.**	PB9 Community trait composition effects on the resistance of ecosystem function to extreme climatic anomalies. **Daniela Hoss.**	LT9 Tales from the Czech forests: Who is responsible for the loss of vegetation diversity? **Radim Hédl.**
15:50	EO2 The first high-resolution EUNIS map of habitat types in Vojvodina (Serbia). **Bojana Bokić.**	BC2 Integration of an Australia-wide consistent classification scheme at the macrogroup level with the IAVC. **Gellie Nicholas Gellie.**	PB10 Determinants of range size variation in temperate woody plants. **Enrico Tordoni.**	LT10 Trait syndromes of plant winners and losers in European agroecosystems under long-term agricultural intensification. **Greta La Bella.**
16:10	EO3 Linking LiDAR-derived forest structure to functional plant diversity along secondary succession. **Lorenzo Orzan.**	BC3 Evaluating large-area vegetation models using floristic data. **Elgene box.**	PB11 Forest-steppe: the core zone of vascular plant diversity in northern Eurasia. **Milan Chytrý.**	LT11 Unveiling the pattern of Iran's endemic plants diversity across geographical and environmental space. **Alireza Naqinezhad.**
16:30-18:30	POSTER SESSION II (even numbered) Painting room			
	Plenary Hall	Room 1	Room 2	Room 3
18:40-20:00		Ecoinformatics WG business meeting	Historical Vegetation Ecology WG business meeting	IFERN WG business meeting
18:40-20:00	VCS Editorial meeting (Botanical Garden)			
20:30-23:00	SYMPOSIUM DINNER (Museo del Pueblo de Asturias)			

FRIDAY 26

08:30 REGISTRATION

	Plenary Hall	Room 1	Room 2	Room 3
8:50-9:40	Keynote: MARIANA G. CRIADO. A warm tundra: Plant diversity dynamics across Arctic and Antarctic ecosystems (Plenary Hall)			
9:40-10:30	Keynote: GLENDA MENDIETA. From canopy to conservation: Rethinking vegetation through vascular epiphytes (Plenary Hall)			
	(Chair Francisco Lloret)			

10:30-11:00 COFFEE BREAK

11:00-13:00	Plenary Hall	Room 1	Room 2	Room 3
	Earth observation of vegetation II (Chair José Manuel Álvarez)	Bringing classification approaches together II (Chair Corrado Marcenò)	Tropical Ecosystems I (Chair David Zelený)	Short-term vegetation dynamics (Chair Maria Májeková)
11:00	EO4 Assessing vegetation resilience in National Parks. **Rut Sánchez de Dios.**	BC4 Between Humboldt and the Third International Botanical Congress: plant lists and altitudinal belts as tentative approaches to the study of vegetation types in the 19th century. **Sandra Mesquita.**	TE1 Using taxonomy, functional ecology, and distribution to rediscover under-recorded plants. **Bianca O. Andrade.**	ST1 Complementary ecosystem engineering by shrubs and wild boars structures above- and belowground vegetation in abandoned temperate grasslands. **Orsolya Valkó.**
11:20	EO5 How to map northern boreal flora: the value of hierarchical clustering and classification. **Pauli Putkiranta.**	BC5 Classification of subtropical high-mountain dwarf bamboo and scree vegetation in Taiwan. **Cheng-Tao Lin.**	TE2 Long-term dynamics of epiphyte communities. **Gerhard Zotz.**	ST2 A comprehensive picture of vegetation changes in Switzerland since 2001, based on the national biodiversity monitoring program. BDM. **Seipp Marjalena.**
11:40	EO6 Policy relevant remote sensing EBVs for conservation status assessment in mountain protected areas. **Tatiana Bello.**	BC6 The EVMac initiative: update and crosswalk of European Macaronesia vegetation with the EuroVegChecklist and the International Vegetation Classification. **Jorge Capelo.**	TE3 The hidden age of tropical trees: Growth patterns, functional groups, and the maximum lifespan. **Hsiang-Chun Liu.**	ST3 Traditional grasslands in transition: how vegetation, soils, and farming practices are changing in rural Romania. **Monika Janišová.**
12:00	EO7 Reconciling diversity–productivity relationships in natural grasslands. **Tereza Švancárová.**	BC7 Improving monitoring for the EU Habitats Directive with quantitative assessment of vegetation plots: Nardus grasslands as an example. **Stephan Kambach.**	TE4 Between trunks and canopies: the hidden diversity of epiphytic bryophytes in a Peruvian montane forest. **Ángela Melgar Vilchez.**	ST4 Seven ways to rule them all – how you manage forests matters for boreal ericaceous species. **Per-Ola Hedwall.**
		Intraspecific trait variability in vegetation science I (Chair Giacomo Puglielli)		
12:20	EO8 Introducing TESSERA: a geospatial foundation model based on Sentinel-1 and Sentinel-2 data that enables high-resolution monitoring of habitat change. **David Coomes.**	IT1 Subindividual diversity and evolutionary innovation. **Mar Sobral.**	TE5 Understanding the impact of global change on tropical canopies through epiphyte diversity. **Maria J. Carmona-Higuita.**	ST5 Identifying the dominant drivers of plant compositional change in Italian protected mountain areas undergoing land abandonment. **Martina Livornese.**
12:40	EO9 Rocking across scales: assessing spatial resolution and ecological information in remote sensing surveys of mountain vegetation. **Jana Mullerova.**	IT2 Intraspecific trait variability within and across generations: assessing its role in coexistence and stability. **Francesco de Bello.**	TE6 More habitat, greater functional completeness: landscape context shapes observed and dark diversity in subtropical grasslands. **Bruna Jorge.**	ST6 Leaves and twigs serve as phosphorus reservoirs for mast seeding in Japanese beech in a cool-temperate montane forest. **Yuki Tsujii.**

13:00-14:30 LUNCH

FRIDAY 26 (cont.)

	Plenary Hall	Room 1	Room 2	Room 3
14:30-16:30	Earth observation of vegetation III (Chair Manuele Bazzichetto)	Intraspecific trait variability in vegetation science II (Chair Alessandro Bricca)	Tropical Ecosystems II (Chair Glenda Mendieta-Leiva)	Seed regeneration in plant communities (Chair Orsolya Valkó)
14:30	**EO10** How the timing and duration of experimental heat waves shape alpine grassland plant communities: a remote-sensing upscaling approach. **Marco Vuerich.**	**IT3** Intraspecific trait variation across ecological scales: where we're coming from and where we're going. **Markus Neupert.**	**TE7** Exploratory overview of plant ages in different types of old-growth tropical grasslands in Brazil using belowground organs. **Giselda Durigan.**	**SR1** What goes up may not come down: wind dispersal in epiphytes. **Marie Hoensbroech.**
14:50	**EO11** Greening signals in Mediterranean dune ecosystems: insights from Landsat time series and vegetation resurveys in Italy. **Elena Cini.**	**IT4** *In locust parentis*: Fire, shade, herbivory, drought and grass effects on resprouting black locust and honey locust plants. **David Ward.**	**TE8** Tree growth and phenological responses to climate in a tropical evergreen forest. **Devika Menon.**	**SR2** ChinaSoilSeedBank: A database on species diversity and composition of soil seed bank in China. **Yantong Zhao.**
15:10	**EO12** From Copernicus services to biodiversity patterns: AI-driven habitat mapping and monitoring across European Protected Areas. **Jose M. Álvarez-Martínez.**	**IT5** IT-V net: the ITalian Intraspecific Trait Variability network. **Giacomo Puglielli.**	**TE9** The Brazilian Cerrado through herbaria lenses: vegetation structure and composition across savanna, forest, and grassland biomes. **Marco Chiminazzo.**	**SR3** Riverbank works as a substitute for natural disturbances? Conclusions from a study on pioneer vegetation and seedbanks along the middle reaches of the Loire River (France). **Sabine Greulich.**
15:30	**EO13** Fine-scale mapping of tropical forest tree communities using open-source Earth observation data, field plots, and machine learning. **Naveen Babu Kanda.**	**IT6** Intra- and interspecific variation in understory leaf traits across seasons and years in forest ecosystems. **Stefano Chelli.**	**TE10** Climate-land use interactions drive diversity and future distribution of woody medicinal plants across ecological zones in Ghana. **Reginald Tang Guuroh.**	**SR4** Seed addition experiments reveal seed removal is more important than post-fire habitat and termite nests to control seedling recruitment in Brazilian Cerrado. **Alexander V. Christianini.**
15:50	**EO14** Validation of plot locations in vegetation databases using remote sensing. **Alicia Valdés.**	**IT7** Partitioning functional diversity using trait probability densities. **Pablo Castro Sánchez-Bermejo.**		**SR5** Tropical seed germination: a global meta-analysis. **Giacomo Trotta.**
16:10	**EO15** A view on vegetation from large herbivores' eyes. **Pablo Manzano.**	**IT8** Understanding community assemblage using species and functional diversity across elevational gradients from the tropics to the Arctic. **Aud H. Halbritter.**		**SR6** Relationships between seed size, seed shape, and persistence in the Pannonian flora: contrasting relationships in different plant functional groups. **Péter Török.**

16:30-17:00 COFFEE BREAK

	Plenary Hall	Room 1	Room 2	Room 3
17:00-18:00	**IAVS General Assembly (Plenary Hall)** (Chair **Susan Wiser**)			
18:00-18:30	**Closing Ceremony (Plenary Hall)** (Chair **Susan Wiser**)			

Poster List

Eligible for Young Scientist Award (degree completed within the last 3 years)

Anthropogenic ecosystems: from invasions to novel communities

P1 **Viviana Bondaruk**. Trade-offs between forage use and biodiversity: when grasslands are pressured to be productive
P2 **Verena Wutz**. From *Diploicia* to *Usnea* – Changes in epiphytic lichen composition along a European gradient
P3 **Elisa Hardt**. Landscape functional connectivity of Cerrado forest ecosystems within silvicultural matrices
P4 **Liubov Borsukevych**. Distribution of the *Rubo caesii-Amorphion fruticosae* Shevchyk et V. Solomakha in Shevchyk et al. 1996 alliance in Ukraine
P5 **Katalin Lukács**. A new aspect of seed dispersal: Human-dispersed diaspores can survive and disperse after the laundry washing
P6 **Balázs Deák**. The effect of local- and landscape factors on rare weed communities in out of production sites
P7 **Satoshi Ito**. Flowering and fruiting conditions under the canopy of conifer plantations for two evergreen tree species of the Lauraceae in warm-temperate Japan
P8 **Elise Arnst**. Legacies of *Pinus contorta* invasion persist for at least 16 years following control
P9 **Felix King Mensah**. Effects of topography on carbon stocks in cocoa agroforestry systems in the Bodi District of Ghana
P10 **Pedro Augusto Thomas**. Seed traits and temperature on early-stage performance: effects on congeneric native and invasive species
P11 **Déborah Closset**. Unveil the unseen impact of forestry vehicles on plant species communities in managed forests
P12 **Steffi Heinrichs**. Bryophytes and ungulates – Results from a 7-year time series of a large-scale exclosure study in managed forests of Germany
P13 **Elias del Val**. Genetic structure of *Juniperus virginiana* across six ecoregions: From genetic isolation to local adaptation
P14 **Eugenia Siccardi**. Vegetation dynamics and climate resilience in semi-natural grasslands: preliminary insights from the CAROLINA project across management gradients and chronosequences.
P15 **Sumin Choi**. Vegetation differentiation between natural and planted forest remnants in metropolitan landscapes
P16 **Tanki Thubela.** Mapping and ecological assessment of *Pteronia incana* encroachment in the Eastern Cape province of South Africa
P17 **Pedro Tognetti**. Structural responses of Río de la Plata grasslands to grazing exclusion
P18 **Tyler Mothersbaugh**. Range expansion of *Juniperus virginiana*: Is there local adaptation?
P19 **Elena Taborda**. Fire, herbicide, and mowing as management tools to control the invasive grass *Eragrostis plana* in a southern Brazil grassland
P20 **Nicola Marneweck**. Small mice, big problems: The invasive house mouse alters plant abundance, habitat use and community composition on a sub-Antarctic island
P21 **Anaclara Guido**. Pairwise interactions between native and invasive species: effects of species density and life forms
P22 **Hazel Shirinda**. Assessing the drivers and patterns of species diversity and composition across a socio-economic gradient in the City of Tshwane, South Africa
P23 **Daniele Viciani**. Mapping alien-dominated vegetation in Italy: towards a National Vegetation Framework
P24 **Alessia Gressani**. How do leaf functional traits change in dry alluvial pioneer grasslands invaded by alien species?

Bringing the different vegetation classification approaches together

P25 **Takuto Shitara**. Phytosociological study of isolated *Betula davurica-Quercus crispula* forests in the Japanese Archipelago
P26 **Robert Peet**. USNVC 3.0: The vegetation classification standard for biodiversity monitoring, conservation planning, and natural resource management across the U.S.
P27 **Kazue Fujiwara**. The classification of evergreen broad-leaved forests in Japan and summergreen broad-leaved forests in Asia-geohistorical and climatic background

Cold-driven ecosystems: Alpine, arctic, and mountain vegetation

P28 **Jalil Noroozi**. Phylogeographic patterns are strongly associated with biogeographic patterns in the Irano-Anatolian global biodiversity hotspot
P29 **Gabriela R. Donoso Pedroni**. Areas of Endemism and Bioregions of the alpine flora of the Andes
P30 **Claudia Zitarelli**. Long-term alpine vegetation dynamics under unstable snow conditions
P31 **Sonya Geange**. Linking temperature-duration stress events to dwarf-shrub photosynthetic limits in high-latitude ecosystems
P32 **Ángel Argüelles-Longo**. A semi-supervised classification of the European Alpine Vegetation
P33 **Ajay Neupane**. Climate-induced shift from grasslands to shrublands affects the provision of ecosystem services in rangelands of Hindu Kush Himalaya
P34 **Sophie Weides**. Velocity changes of elevational range shifts differ from the Alps to the Arctic
P35 **Louis Piaia**. The high alpine-subnival vegetation types of Dena Mountains, Southern Zagros (SW Iran)
P36 **Michaela Vitkova**. Assessing the impacts of invasive and expansive plant species on mountain grasslands using unmanned aerial vehicles and botanical field surveys
P37 **Eva Martínez Veiga**. Floristic characterization of high-mountain semi-natural grasslands in the northwestern Cantabrian Mountains
P38 **Dario Comunello**. Vegetation database of Gran Paradiso National Park (Italy)
P39 **Daniela Dúbravková**. Context matters: Village-specific management drives plant diversity in Carpathian grasslands
P40 **Petteri Kiilunen**. Recent vegetation shifts in Northern Fennoscandia – a systematic review based on long-term evidence from repeated samplings
P41 **Manuela Winkler**. More of the same? Changes in alpha and beta plant diversity on Europe's mountain tops
P42 **Camilla Wellstein**. Biodiversity tipping points in traditional mountain pastures in South Tyrol

Community assembly: Theory and methods in vegetation science

P43 **Heather Anderson**. Contrasting community structure and environmental drivers between biological soil crust and vascular plant assemblages in grasslands

P44 **Simone Eusebio Bergò**. PlotDEM: an open and reproducible relocation tool for quasi-permanent vegetation plots in mountain areas
P45 **Blanca Luz Caleno Ruiz**. Environmental drivers of whole-plant functional diversity across European ecosystems
P46 **Imke Smit**. Microenvironmental heterogeneity influences fine-scale community assembly in a montane grassland
P47 **Marco Cervellini**. Training and intercalibration reduce observer-induced variability in forest vegetation surveys
P48 **Tristan Ubaldi**. Niche margin-based approach to estimate suitable and unsuitable future climatic conditions for native and non-native tree species in Europe
P49 **Helena Kasíková**. Competition for light and its impact on community structure
P50 **Teresa Nebot**. Effects of grazing and spatial heterogeneity on biotic interactions and community structure in gypsum drylands
P51 **Enrique García de la Riva**. Canopy closure drives functional trait filtering and community assembly in Sub-Mediterranean silvopastoral grasslands
P52 **Mercedes Valerio**. Looking for general functional diversity patterns in plant communities: a meta-analysis
P53 **Audun Rugstad**. A novel method for quantifying the short- and long-term effects of environmental impacts on vegetation community assembly

Drought-driven ecosystems: Arid, semi-arid, and seasonally dry vegetation

P54 **Guangshuai Cui**. Leaf functional traits reveal adaptive nitrogen strategies of legume shrubs along an aridity gradient on the Tibetan Plateau
P55 **Shiwani Shiwani**. Fine-scale spatial heterogeneity drives plant species composition in the arid Trans-Himalayas
P56 **Ismael J. Borreguero Vázquez**. Reduced precipitation alters wood anatomy of two Mediterranean oak species
P57 **Joaquín Moreno**. Assessing the resistance of functional traits in saltcedar woodlands under global change.
P58 **Maria Cruz Díaz-Barradas**. *Argania spinosa* as a hydrological memory system: linking root architecture, subsurface water storage and spatial organization
P59 **Pilar Pineda**. Seasonal ecophysiological and biochemical responses of *Corema album* in Doñana National Park
P60 **Gianluigi Bacchetta**. Multi-year analysis on climate variability and vegetation spectral indices in the mountain ecosystems of Sardinia (Italy)
P61 **Nomusa Chonco**. The effects of sustained nutrient addition to local grasslands under different environmental conditions
P62 **Anikó Csecserits**. Establishment, reproduction and impact of prickly pear cactee, *Opuntia humifusa*, in grasslands of Hungary
P63 **Mario Fernández Martínez**. Ecophysiological thresholds drive plant strategies and community structure across Mediterranean drought gradients.
P64 **Dimitrios Samaras**. Assessing the effect of climate change on fir forest communities in south-central Greece

Earth Observation of vegetation: Linking in-situ data with remote sensing

P65 **Rezgar Darvand**. Floristic and LiDAR-based structural differentiation of extrazonal Mediterranean-type *Cupressus sempervirens* woodlands in northern Iran
P66 **Mariana Ciavattini**. Drought effects on Radiation Use Efficiency in grasslands across temporal scales: a flux–remote sensing approach
P67 **Lucia Čahojová**. Go to depression or die? How some karst dolines mitigate wildfire impacts and serve as refugia
P68 **Jiang Yuan**. Inconsistent relationships between tree ring width and normalized difference vegetation index in montane evergreen coniferous forests in arid regions
P69 **Chiayi Hsu**. A process-based model of vegetation dynamics under recurrent fire disturbance in Taiwan
P70 **Renata Nicora Chequin**. Fragment size and shape as indicators of riparian forest conservation status along the Paraná River (Corrientes, Argentina)
P71 **Micaela Abrigo**. Remote sensing to quantify vegetation structural heterogeneity: a tool for sustainable livestock management and natural grasslands conservation
P72 **Ana Júlia Dias**. Automation of burned area and deforestation monitoring in the Cerrado based on artificial intelligence and satellite time series
P73 **Beatriz Pérez Ramos**. Effects of woody species structure on fire severity: LiDAR-derivated products and field measurements
P74 **Vojtěch Vítek**. Mapping invasive and expansive plant species in rugged mountain terrain using unmanned aerial vehicle and deep learning
P75 **Francesca Romana Trezza**. Vegetation classification and mapping of Maputo National Park (Mozambique)
P76 **Boris Radak**. Mapping EUNIS Habitats in the Special Nature Reserve "Gornje Podunavlje" (Vojvodina Province, Serbia)
P77 **Daniel Pfitzer-López**. Biophysical trait-based vegetation mapping at large scale using Landsat imagery

Fire-prone ecosystems: Vegetation responses to frequent or periodic fires

P78 **Zhechen Ren**. Vegetation as fire–climate infrastructure: A methodological framework for reducing wildfire risk at peatland edges
P79 **Gabriela Dezotti**. The burning question: how quickly do forb communities respond to fire suppression?
P80 **Alexandria Quinlan**. Functional strategies of ferns in fire-affected ecosystems
P81 **Felipe Alvarez**. After fire, plants bloom: Fire season effects on reproductive phenology in the Cerrado
P82 **Flávia Faria**. Ornamental plants from fire-prone ecosystems: Linking adaptation, use and conservation
P83 **Miléna Chateau**. Linking isoprenoid emissions to tree functional strategies in the Mediterranean basin
P84 **Belén Luna**. Thermal niches and light responses in post fire germination of eight *Cistus* species
P85 **Luis López Mársico**. Burning season determines the response of vegetation in a South American grassland
P86 **Chu-Chia Kuo**. Wildfire risk modeling in Taiwan's high-mountain National Parks
P87 **Piet Monegi**. Restructuring savanna ecosystems: the role of fire following woody thinning
P88 **Valério Pillar**. AdaptaClimaVeg: A research network assessing the effects of grazing and fire management on reducing wildfire risk under climate change
P89 **Letícia Giacom**. Fire frequency shapes belowground bud bank size and bud-bearing organ abundance in Cerrado
P90 **You-Ren Lin**. Fire imprint on Taiwan's subalpine vegetation: How fire regimes override climatic controls at forest–grassland boundaries

Freshwater ecosystems: Vegetation from wetlands, mires, and water bodies

P91 **Olha Yaroshko**. Establishment of cultivation and multiplication of *Drosera rotundifolia* L. in vitro conditions
P92 **Johannes Kasper**. Distribution of aquatic macrophytes along environmental gradients in agricultural ditches
P93 **Anna Corli**. Disturbance-dependent communities in wet meadows: the role of traditional management for the rare *Marsilea quadrifolia*
P94 **Lyubov Felbaba-Klushyna**. Phytosociology of *Ranunculus lateriflorus* in the Latorica/Latorytsia river catchment (Slovakia and Ukraine)
P95 **Pedro Valle-Romero**. Species-specific patterns shape the nutrient status of halophytes beyond plant functional types
P96 **Azzurra Di Bonaventura**. Growth and trait plasticity drive above- and belowground acclimation of seagrasses to long-term bathymetric change in a lagoon system
P97 **Svitlana Lemelianova**. WetFlorVegChange: floristic and vegetation changes in European wetlands
P98 **José Antonio Molina**. A resurvey of *Batrachium* communities points to a decline in Mediterranean freshwater habitats over the last two decades

Impact of Military Conflicts on vegetation and habitats

P99 **Oksana Tyshchenko**. Disturbance-sensitive vegetation recovery in a coastal loess steppe enclave
P100 **Oksana Kucher**. Adventisation of the forest vegetation cover in Ukraine as a result of damage by military actions
P101 **Ivan Moysiyenko**. The impact of Russian aggression on the Kamyanska Sich National Natural Park
P102 **Katija Dolina**. Legacy of military activities in Mediterranean vegetation: A phytosociological perspective
P103 **Illia Zhyhir**. The impact of war on cultural heritage sites rich in natural biodiversity (Ukraine)

Integrating intraspecific trait variability into vegetation science for improved ecological predictions

P104 **Maria Losada**. Maternal drought legacy shapes offspring subindividual epigenetic and physiological variation in Mediterranean holm oak (*Quercus ilex*)
P105 **Lola Gogniat.** Intraspecific trait variability of plant species in response to microclimatic changes in coastal dunes
P106 **Michele Dalle fratte**. Intra-specific trait coordination of above- and below-ground plant economics in lentisk (*Pistacia lentiscus* L.) is driven by land cover
P107 **Elena Romano Rodríguez**. Comparative metabolomics unravels species-specific and ecological strategy-driven adaptations in halophytes
P108 **Clarissa Nascimento**. Morphological and chemical traits show contrasting turnover and intraspecific responses to environmental gradients in Caatinga dry forest

Long-term vegetation dynamics: Insights into the past

P109 **Irati Sanz-Zubizarreta**. Temporal changes in riparian forest vegetation: unexpected responses to streamflow alteration under climate change
P110 **Carlos Díaz-Gil**. Long-term persistence and extirpation rates of rare plants in the NE of Spain and the impact of global drivers
P111 **Natálie Námešná**. Functional Vegetation Paleoecology: Mitigate the impact of climate change with data-driven insight from past vegetation
P112 **Thuy Hang Le**. Multi–scale environmental drivers of plant diversity and forage quality in wood pastures of Transylvania (Romania)
P113 **Luciano Ludovico Maria De Benedictis**. Effects of sub-canopy weather on understory functional diversity: insights from long-term forest monitoring
P114 **Erwan Glémarec**. How do microtoponyms and old land registers provide keys for understanding diachronic interactions between human uses and vegetation dynamics?
P115 **Vanesa Palma-Valencia**. Reconstructing historical land-use legacies shaping oak regeneration across Spain
P116 **Jan Titěra**. Long-term mowing regimes affect phenological growth stages and morphological characteristics of plants in Trisetion grassland
P117 **Pascal Reutimann**. Long-term succession after abandonment of livestock grazing in subalpine and alpine grasslands (Northern Alps, Switzerland)
P118 **Urban Šilc**. Floristic changes of vegetation in the Dubrovnik region (southern Croatia) - vegetation re-survey 1944-2024
P119 **Aaron Pérez-Haase**. High-mountain Pyrenean mire vegetation dynamics along the Holocene through macrofossils
P120 **Francesca Buffi**. Reorganization of alpine communities in central Italy after 60-years resurvey due to climate change

Mechanisms of stability: from individuals to ecosystems

P121 **Esteban Manrique Reol**. High variability of nutrient resorption efficiency in *Quercus ilex* is a consequence of changes in environmental factors and water availability
P122 **Arturo Rodríguez**. Functional and structural drivers of stabilizing ecosystem mechanisms across the globe
P123 **Paolo Cingano**. Shaping the stability of clonal growth in *Cymodocea nodosa* meadows: the role of functional traits and plant-soil feedbacks on fairy circle formation
P124 **Grzegorz Swacha**. Contrasting responses of dominant and non-dominant species groups underlie community biomass–environment relationships in species-rich grasslands
P125 **María Rocío Martín-Peláez**. Drought memory as a mechanism of physiological stability in *Atriplex halimus*
P126 **Estela Illa**. The role of snowmelt timing on temporal dynamics and stability in alpine snowbed communities
P127 **Felícia M. Fischer**. Mechanistic role of plant community dynamics on ecosystem stability: insights from a long-term grazing experiment in subtropical grasslands.

Plant biogeography and macroecology in a changing world

P128 **Léonard El-Hokayem**. Mapping global change threats to groundwater-dependent vegetation across drought-driven ecosystems
P129 **Paola Merelli**. Spatial covariation of carbon stock and vascular plant alpha diversity in global forests
P130 **Carles Burguera**. Floristic chorotypes in northeastern Spain: distribution patterns and the role of endemism
P131 **Chun-Ting Huang**. Ecotone effect of cloud forest boundaries drives multimodal pattern of ferns species richness along elevational gradient.

P132 **Gianmaria Bonari**. Climate and forest structure drive occurrence and abundance patterns of the woody evergreen climbing liana *Hedera helix* in Italian forests
P133 **Francesco Candini**. Data-driven habitat-based bioregionalisation of the Alps for conservation assessment
P134 **Guilherme Dubal**. Beyond trees: Phylogenetic diversity of climbing plants in the Atlantic forest
P135 **Wajid Kahn**. Disentangling elevation-dependent drivers of plant diversity across spatial scales on the Qinghai-Tibet Plateau

Plant community interactions: Relationships with symbiotic and mutualistic organisms

P136 **Rebecca Innes**. Testing the roles of microbiome history and nutrients in grassland plant community assembly
P137 **Kennedy Agyemang**. Host-parasite relations of *Thonningia sanguinea* in two different forests ecosystem in Ghana
P138 **Eliot Mompeán**. Pine forest canopy modulates shrub–oak seedling interactions depending on shrub functional identity
P139 **Abigail Koman**. Filtering the community by size: How pollinator functional traits mediate the reproductive success of *Rosa multiflora*
P141 **Bouflet Capucine**. Role of endozoochory on the post-fire regeneration dynamics of pine forest plant communities
P142 **Jana Baydoun**. A controlled experiment testing how microbiome presence and diversity modulate plant performance under increasing drought stress.
P143 **Hiroto Yoshida**. Distance-dependent neighborhood interactions shape tree growth across an evergreen-deciduous broad-leaved forest ecotone in Japan
P144 **Norma Alas Gutiérrez**. In search of allies: fungal diversity associated with the root systems of Atlantic oak forests

Scaling laws in (vegetation) ecology

P145 **Ludwig Baldaszti**. The power of few: Small representative samples capture global plant diversity patterns across scales
P146 **Juan Antonio Campos**. When scale matters: functional–phylogenetic diversity decoupling along a sub-Mediterranean grassland–shrubland gradient
P147 **Anna Wiewiorowska**. Scale- and taxon-dependence of mean ecological indicator values

Seed regeneration of plant communities

P148 **Donovan Koman**. Legacy effects of white-tailed deer (*Odocoileus virginianus*) browse on soil seed banks in the forests of the northeastern United States
P149 **Elisa Hardt**. Do pasture matrices limit Cerrado regeneration? Insights from a controlled soil propagule experiment
P150 **Ágnes Tóth**. Impact of water table decline and afforestation on seed bank formation and vegetation dynamics of fen meadows in inland dune slacks
P151 **Hanna Schoenberg**. Impacts of cattle grazing management on seed input and endozoochorous dispersal in the Canadian Dry Mixedgrass Prairies
P152 **Ryoko Hirata**. An experimental study on inducing acorn dispersal by field mice for the regeneration of *Quercus* species on clear-cut conifer plantation sites
P153 **María Jose Rubia López**. Oak colonization patterns in Mediterranean environments and determining factors
P154 **Viktoria Wagner**. Patchwork legacies: Cattle dung and biocrust shape seed banks in the Dry Mixedgrass Prairie

Short-term vegetation dynamics

P155 **Sara Sánchez-Carmona**. Gains and losses driven by woody plant encroachment: a focus on phylogenetic diversity
P156 **Ju-Chieh Wu**. Short-term understory vegetation changes in Lalashan forest dynamics plot, Northern Taiwan
P157 **Yuliia Rozenblit**. The impact of shrub encroachment on the plant community structure and diversity in Podillia meadow-steppe grasslands
P158 **Mifumi Seto**. Ecological traits of traditionally managed grassland plants that decrease due to the abandonment of semi-natural grassland dominated by *Pleioblastus argenteostriatus* f. *glaber*
P159 **Sandra Navas**. Effect of recent forest dynamics on taxonomic and functional diversity
P160 **Iveta Škodová**. Fifteen-year restoration effect of mulching and mowing on semi-dry grasslands

The Hidden Half: emerging questions in belowground functional ecology

P161 **Maria Ravetta**. Understanding soil carbon and nitrogen dynamics through vegetation in global grasslands
P162 **Eva Janíková**. Litter quality and decomposer communities, not diversity per se, drive leaf litter decomposition along a realistic species-loss gradient
P163 **Gabriela Santos**. Aging belowground: Anatomical insights into rhizome senescence in clonal herbs
P164 **Jana Martínková**. Ghosts of adult architecture: Do young herbs allocate biomass like adults?
P165 **Tomas Koubek**. Clonality patterns along large-scale environmental gradients
P166 **F. Curtis Lubbe**. The multifunctionality of bulbs: Storage, economic coordination, clonal multiplication, and protection from stress
P167 **Zsófia Eszter Guller**. Species-dependent changes in clonal growth rates during grassland succession: a long-term field study tracking clonal colonies
P168 **Chonour Mahmoudi**. Thriving at the extremes: ecology and evolution of clonality and belowground growth forms across aridity gradients
P169 **Sanniya Sekar**. Effect of management on clonal traits and rhizome biomass in wet meadows

Tropical ecosystems: Vegetation from the tropics and the subtropics

P170 **Eti-obong Ema**. Remote sensing-based assessment of land use and land cover dynamics in Mangrove vegetation, Akwa Ibom State, Nigeria (1986-2024).
P171 **Zhenchuan Wang**. Stand age affects the C:N:P stoichiometry and nutrient cycling in three subtropical plantations
P172 **Yan-Han Wu**. Comparing species diversity and community assembly processes between different regions of Montane Cloud Forests in Taiwan
P173 **Sindiso Nkuna**. Managing mesic grasslands sustainably: lessons from herbaceous forbs

P174 **Flavio Nunes Ramos**. Tree structure instead of microclimatic zones determines differences in vascular epiphyte assemblages between forest and pasture
P175 **Lorenzo Ricci**. Functional reassembly of tree communities: from tropical drylands to rainforests
P176 **Ben Emunah Aikins**. Effect of climatic aridity on above-ground biomass, modulated by forest fragmentation and biodiversity in Ghana
P177 **Marina Reis**. Functional trait–performance relationships in native herbaceous plants: Implications for Cerrado restoration
P178 **Soizig Le Stradic**. A Biodiversity–Ecosystem Functioning (BEF) experiment to support the restoration of the grassy layer of the Cerrado, a major Brazilian tropical savanna biome.
P179 **Motoki Higa**. Community structure and environmental characteristics of vascular epiphytes in the shrine forests in southwestern Japan
P180 **Mariasole Calbi**. Insights on the relationships between species functional originality and plasticity, and growth and recruitment, in a montane cloud forest of Taiwan
P181 **Mário Garbin**. Spatial patterns of functional and taxonomic facets in the understory of a tropical plant community
P182 **Tatiana Carrijo**. Drought effects on the phylogenetic structure in the understory of a tropical plant community
P183 **Raissa Iana Leite Jardim**. Belowground persistence strategies of native plants found in pastures in the Brazilian savanna

Urban plant communities

P184 **Carson Silveira**. Disentangling beta diversity partitioning and richness in urban plant communities: implications for biotic homogenization
P185 **Jinsuk Jeong**. Urban drought and fragmentation constrain successional resilience in isolated forests
P186 **Miriam García**. Does ruderal vegetation explain how urban ecosystems function?
P187 **Luisa Friulla**. Species-specific heat tolerance strategies in mediterranean urban woody species: A comparative study of evergreen and deciduous
P188 **Federica Porcu**. Ecophysiological evaluation of urban trees under stressful abiotic conditions.

Vegetation databases: Expanding the utility of plot-based surveys

P189 **Georg J.A. Hähn**. Placing understory plant communities back into their microenvironments: using forest composition for accurate micro climate predictions
P190 **Karen Harper**. Vegetation patterns across forest edges in Canada: preliminary results from a synthesis of CanFERN (Canadian Forest Edge Research Network)
P191 **Helena Wehrle**. An emerging climate debt in Europe's calcareous grasslands
P192 **Katarína Hegedüšová Vantarová**. What influences the change in composition of semi-dry grasslands in Slovakia during the past decades?
P193 **Gabriella Damasceno**. A phylogenetic backbone for global vegetation analyses using sPlot 4.1
P194 **Darja Kopitar**. Patterns of Ecological Specialisation Across the Slovenian Flora

Vegetation restoration and management

P195 **Karolína Havlíková**. Temporal dynamics of plant diversity in response to productivity change
P196 **Marcelo Serrano**. Effectiveness of capsaicin and denatonium benzoate as acorn predation deterrents
P197 **Mª Noelia Jiménez**. Effects of pine plantation management on plant diversity of Sierra Nevada National Park (SE Spain)
P198 **Agustín Kacevas**. Limited recovery of the bud bank during passive restoration of natural grasslands after pine afforestation in Uruguay
P199 **Louison Beaudet**. Fire-related functional traits across graminoid functional groups in a Cerrado savanna - BEF restoration experiment (Brazil).
P200 **Alessandro Bricca**. Effectiveness of protected areas in conserving biodiversity and ecosystem processes
P201 **Elise Buisson**. Plant biodiversity effects on the survival of *Axonopus siccus* (Poaceae) - Evidence from a Biodiversity–Ecosystem Functioning (BEF) experiment in the Cerrado savanna, Brazil
P202 **Rosani Reinke**. Plant age determines post-fire survival and recovery in *Aristida riparia*: a Cerrado native grass
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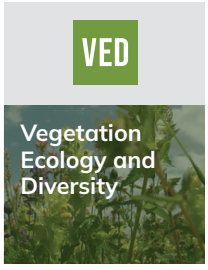

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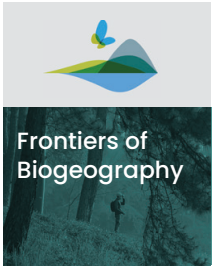

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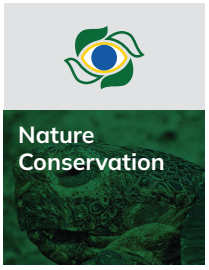

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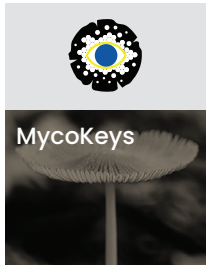

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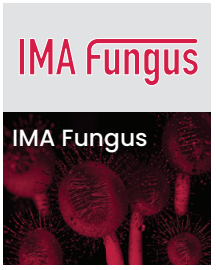

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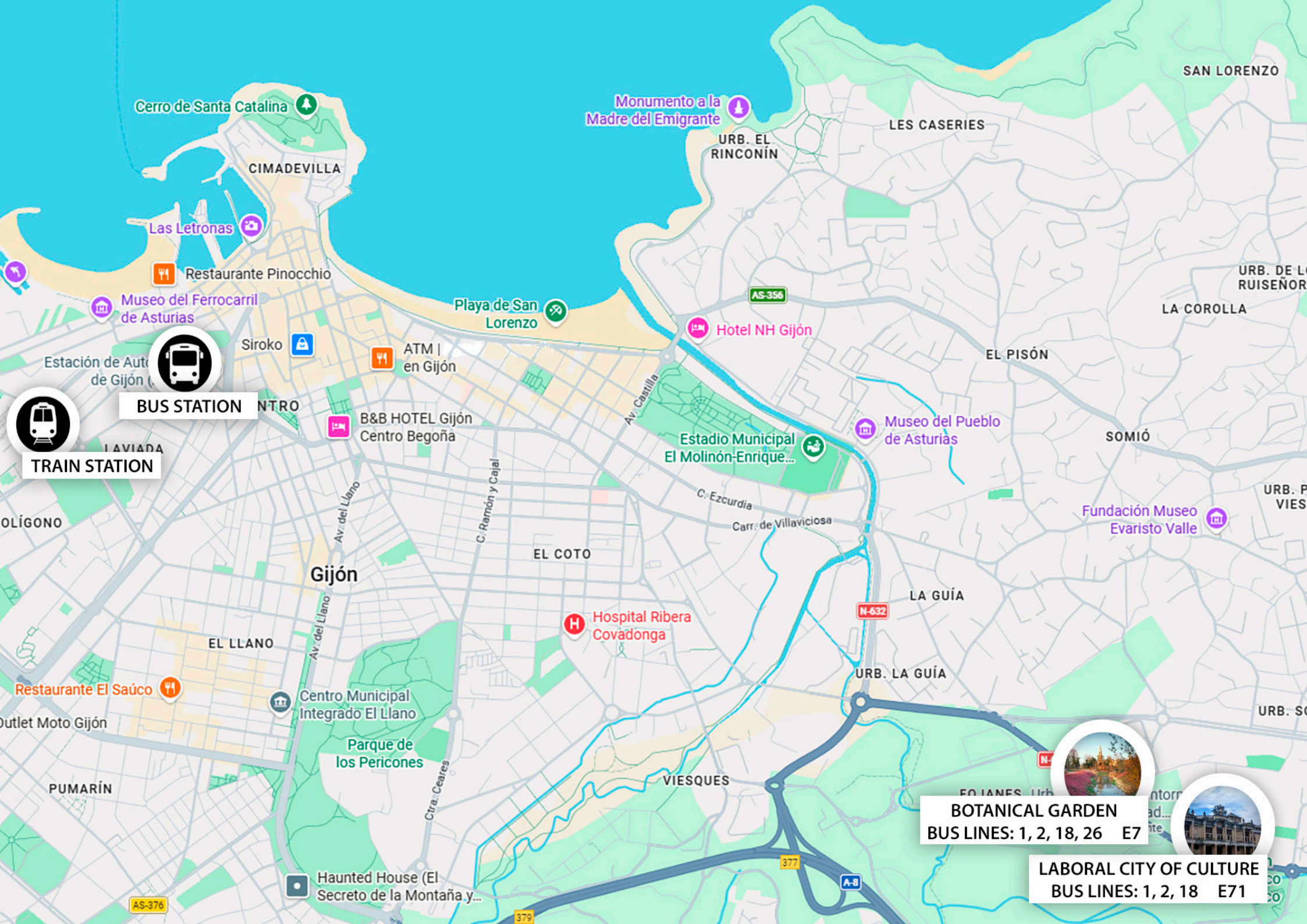
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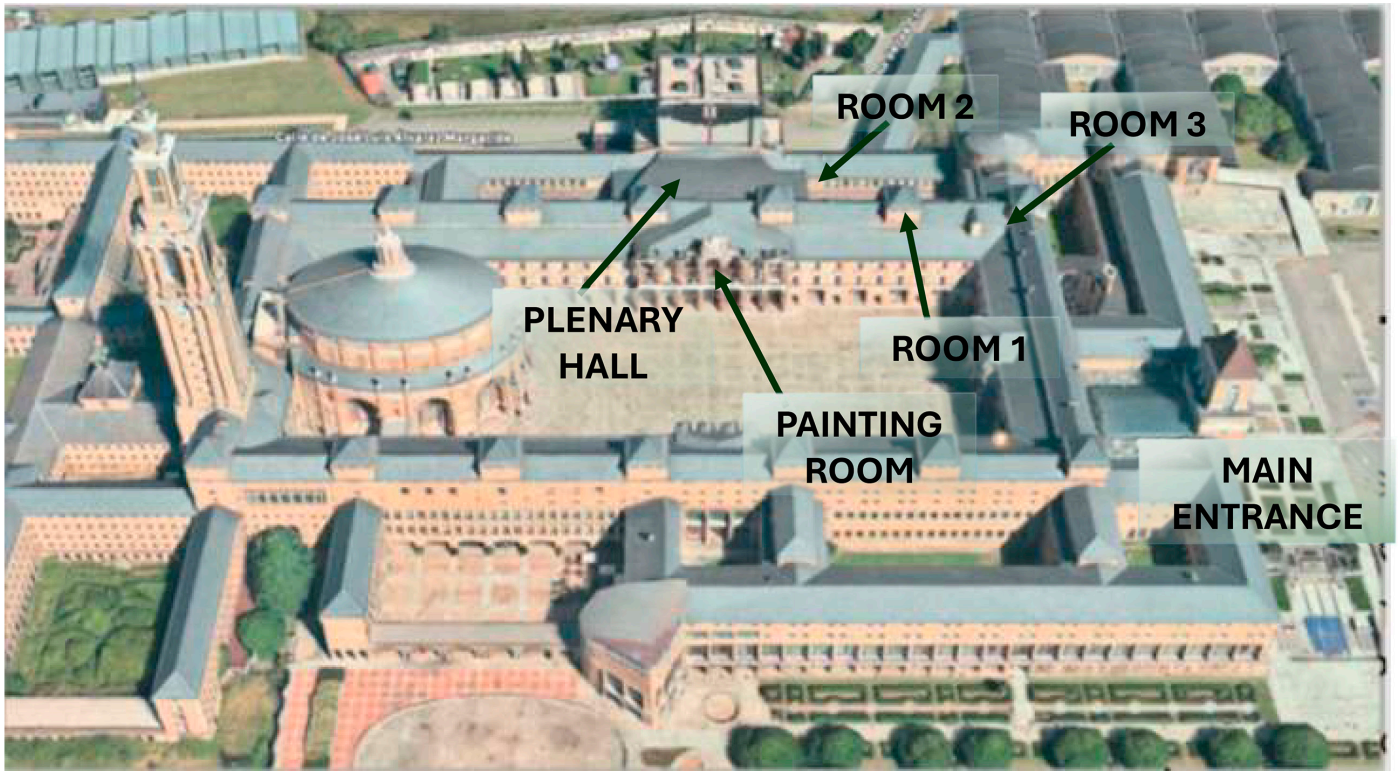



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