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Location

Hotel Ristorante Certosa

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Under the patronage of:



XIV International Seminar Biodiversity management and conservation

*“Biodiversity and Sustainability: two
important keywords for the future”*

Organization:

Giovanni Spampinato, Carmelo M. Musarella

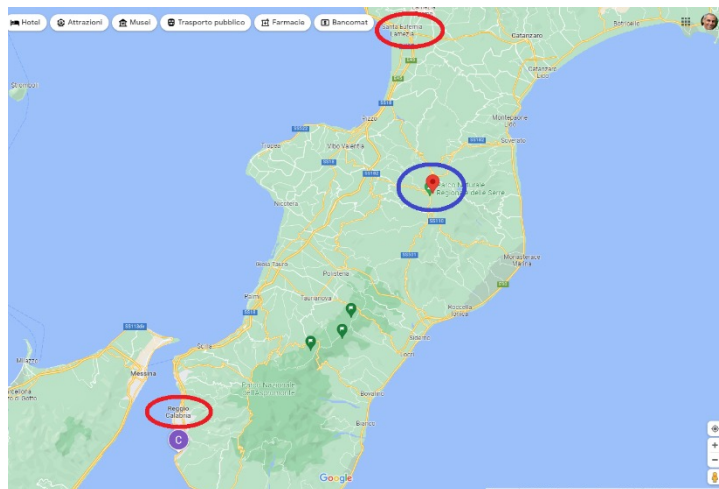
Secretary:

Serafino Cannavò, Valentina L.A. Laface,
Miriam Patti

Collaborators:

Eleonora Ligato, Giacomo Mei, Antonio
Morabito, Salvatore Tassone

Location where will take place the XIV International
Seminar on *“Biodiversity and Sustainability: two
important keywords for the future”*



XIV International Seminar

Biodiversity management and conservation

*“Biodiversity and Sustainability:
two important keywords for the
future”*



Serra San Bruno, Vibo Valentia (Italy)
June 6-11, 2022

Program of XIV International Seminar “Biodiversity Management and Conservation” – June

2022

MONDAY 6

From 14,00. Arrival and accommodation of participants
In the afternoon possibility to visit the local Museums

TUESDAY 7

09,00. Registration

09,30. Opening Ceremony

Session 1. Protected areas for the future of the Biodiversity Management and Conservation

09,45. Chiarucci A. *Expanding strictly protected areas towards the EU2030 target*

10,30. Coffee break

10,45. Meireles C. et al. *Restoring montane communities of *Rhododendron ponticum* subsp. *baeticum*, a relict habitat of the Portuguese Natura 2000 network*

11,05. Prigoliti M. et al. *Objectives and conservation measures of the Natura 2000 sites in Calabria (Southern Italy)*

11,25. Montepaone G. et al. *Impact of *Acacia saligna* (Labill.) H.L. Wendl on vegetation and top-soil of the dune ecosystems of the jonian arch in Calabria – Italy*

11,45. Lumia G. et al. *Ecological networks and biodiversity conservation. Graph theory and multi-temporal vegetation indices to identify patches and ecological corridors*

CELEBRATING SESSION

12,10. Cano E. et al. *Syntaxonomic analysis of Iberian thermo-Mediterranean cork oak and oak forests (Spain, Portugal)*

Session 2. Tools for biodiversity management

14,30. Mercurio R. et al. *Forest types of Calabria (Italy)*

15,00. Spampinato G. et al. *The “Nature Map” of the Calabria region a tool for the knowledge and management of biodiversity*

15,45. Ligato E. et al. *The endemic flora of the Nebrodi mountains (Northern Sicily): taxonomic and ecological characteristics*

16,05. Mei G. & Taffetani F. *Residual woodlands: definition, main characteristics, threats, value and dynamics of one of the main biodiversity refuges in Southern European lowlands*

16,30. Coffee break

Session 3. Ecosystem services for biodiversity management

16,45. Bagella S. *Biodiversity and ecosystem services in mediterranean agro-silvo-pastoral systems*

17,30. Baião C. *Revitalizing semi-arid extensive farming habitats through the sustainable management of their associated scrubs areas – life scrubsnet*

17,50. Baião C. *Ecosystem services assessment in the life-relict project*

Session 4. Education & Botanical gardens

18,10. Cano Ortiz A. et al. *Botanical gardens and natural and national parks and biosphere reserves: tools for teaching botanical-ecological values*

18,30. Tassone S. et al. *Floristic analysis and improvement proposals in a private green area: the “Trapani Lombardo” garden park in Reggio Calabria*

18,50. Caruso G. *Calabrian native: defending biodiversity educating to autochthonous plant species*

19,10. Cano Ortiz A. et al. *Measuring and teaching biological diversity*

19,30. Special Event: Olive Oil Panel Test – Guided tasting session with Antonio G. Lauro

WEDNESDAY 8

09,00. *Geobotanic Journey: Sentiero Frassati (Serra San Bruno-Mongiana), Villa Vittoria, Ferriere Borboniche, Riserva Marchesale*

19,00. Arrival at the hotel

21,30. Special Musical Evening with the “Not Only Bluegrass” and “Parafonè” bands

THURSDAY 9

Session 5. Ecophysiological, morphological and phyto-chemical biodiversity

09,00. Trifilò P. *Plant water content: a useful tool for predicting the risk of drought-induced mortality...and not only!*

09,45. Chiofalo et al. *Soon and efficiently: leaf hydraulic conductance increase in response to light might be more ecologically advantageous for deciduous than evergreen species*

10,05. Azzarà M. et al. *Relative water content values leading to loss of cell rehydration capacity might be the secret of invasive alien species success in Mediterranean basin*

10,30. Coffee break

10,45. Sorgonà A. *Morpho-functional diversity within plant root system*

11,30. Caridi R. et al. *Metabolomic profile of two *Cynara cardunculus* L. var. *sylvestris* ecotypes*

11,50. Di Sanzo R. et al. **Cynara cardunculus* L. var. *sylvestris* ecotypes: the study of bioactive profile for waste valorization*

12,10. Gravina C. et al. **Calendula arvensis* (Vaill.) L.: Sustainable recovery of the apolar constituents of its organ*

Session 6. Vegetation study for biodiversity conservation

14,30. Bioret F. & Glemarec E. *Phytosociological and synphytosociological synthesis of coastal heathlands of the Armorican massif*

15,15. Raposo M. et al. *Syntaxonomic originalities for the mountains of central Portugal*

15,35. Sciandrello S. et al. *The orophilous vegetation of the *Juniperetalia hemisphaericae* in Sicily*

15,55. Puglisi M. et al. *Bryophyte flora and vegetation of the Sicilian gypsum outcrops*

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16,30. Coffee break

16,45. Quinto Canas R. et al. *Invasive plant species in Algarve: impacts for the habitats of special interest from habitats directive 92/43/EEC*

17,30. Morabito A. et al. *Ecological characterisation of directive habitats dominated by species of the genus *Quercus* in Calabria*

17,50. Tavilla G. et al. *Invasive alien plants and management measures: a case study in Sicily*

Session 7. New perspectives on wild plants for medicinal and food purposes

18,10. Patti M. et al. *An update of ethnobotanical knowledge on plant species used for food purposes in Calabria (S-Italy)*

18,30. Fiorentino M. et al. *An innovative approach to study the wild medicinal plant resources of Cilento, Vallo di Diano ed Alburni National Park (PNCVDA): a study case of *Cichorium intybus* L.*

18,50. Formato M. *The case of renewable *Fagaceae* leaves (beech, common oak and chestnuts): from agroforest byproducts to unexplored potential for livestock feeding*

19,10. Laface V.L.A. et al. *Carpological characteristics of *Pimpinella anisoides* V. Brig. (*Apiaceae*) and comparison with related species*

19,30. Special Event: Tasting of Calabrian wines - Guided by Francesco Forestieri and Anna Maria Fazari

FRIDAY 10

Session 8. Water & Fire: two important factors for plant conservation

09,00. Meireles C. & Pinto Gomes C. *Fire and the Portuguese forest relicts*

09,45. Stinca A. et al. *Fire-induced biodiversity change in Mediterranean beech forests*

10,30. Coffee break

10,45. Bombino G. et al. *River quality assessment in the fiumara context*

11,30. Tomaselli V. et al. *Monitoring environmental changes in a Mediterranean coastal landscape (South-Eastern Italy)*

11,50. Brito F. et al. *Aquatic and riparian vegetation of the South of Portugal with ornamental value to be applied in green spaces*

12,00. Closing ceremony of the XIV International Seminar

14,30. Geobotanic afternoon: Bosco Archiforo, Bosco di Stilo, M. Stella

19,00. Arrival at the hotel

SATURDAY 11

09,00. Departures