

CNR-IRET 2025: risultati e prospettive per la gestione integrata degli ecosistemi del futuro

martedì 18 febbraio 2025

Poster e Flash talk: Biblioteca (14:30 - 15:30)

-Organizzatori: TERENCE ZENONE; MARIO PAGANO; BARBARA BAESSOMOURA

time	[id] title	presenter
14:30	[88] Certified sustainable forest and life cycle management to support the implementation of an ecosystem service-based crediting mechanism	RUGANI, Benedetto
14:35	[110] Sap flow methods for assessing stomatal ozone uptake in Italian forest ecosystems	VIVIANO, Andrea
14:40	[122] Peat forming mosses (Sphagnopsida) for peatland's preservation, phytoremediation and pollution biomonitoring	DI PALMA, ANNA
14:45	[83] Advancing Agroforestry Innovation in Europe: the role of IRET in the AF4EU project	PETRANGELI, ENRICO
14:50	[93] GReen ENgineering solutions: a new LIFE for SEdiments And Shells	DONI, SERENA
14:55	[94] Food Waste Valorization from Olive Oil Production Chains: New Applications in Regenerative Medicine	Dr. ROMANO, Silvia
15:00	[98] Functional Plant-Based Beverage Fortified with Hazelnut Cuticle Polyphenols: Antioxidant and Phenolic Content Characterization	SEPE, Fabrizia
15:05	[102] Leveraging Urban Tree Cover to Combat Heatwaves: Modeling Intensity, Duration, and Mortality in Italian Cities	CHIOCCHINI, FRANCESCA
15:10	[107] Effects of the Byproduct of tomato processing on Aging in Drosophila melanogaster	Dr. DIGILIO, Filomena Anna
15:15	[71] Biohydrogen production by immobilized photosynthetic microorganisms	Dr. ZAMPIERI, Raffaella Margherita
15:20	[81] Plant-derived extracellular vesicles: an innovative delivery system and a source of natural bioactive compounds	YAZDANPANA, Sorur
15:25	[82] Qualitative X-ray fluorescence spectroscopy characterization of ground electronic waste	Dr. MUZZINI, Valerio Giorgio

Poster e Flash talk: Sala Marconi (14:30 - 15:30)

-Organizzatori: CRISTINA MACCI; SILVIA PIOLI; ANNA VALENTINO

time	[id] title	presenter
14:30	[87] Integrating species traits and environmental dynamics to predict spatial behaviour and climate change impacts on vertebrates	MONTI, FLAVIO
14:35	[109] HIC SUNT LUPI Project: Monitoring and Management of Wolves in Salento	DELEO, FRANCESCO
14:40	[130] Vertical biodiversity: a study of tree crown microhabitats through tree climbing and drones	LATILLA, LEONARDO
14:45	[62] Determinants of vascular species diversity on poplar natural and semi-natural woodlands: a stand scale approach	TRENTANOVI, GIOVANNI

14:50	[63] Genetic diversity and structure of <i>Alnus cordata</i> and <i>Quercus trojana</i> populations in the native range of southern Italy: an essential step towards the definition of management and conservation strategies	MATTIONI, CLAUDIA
14:55	[51] Jackal-howling in urban and rural areas: status of a protected species in Tuscany	Dr. MORI, Emiliano
15:00	[78] Modelling transitional water phytoplankton communities by functional traits in climate change scenario: an ecological niche-based approach	LIBERATORE, LORENZO
15:05	[100] Ex-situ collections of <i>Castanea sativa</i> provenances as genetic sources of resistance to abiotic and biotic stress	GAUDET, MURIELVIRGINIE
15:10	[103] Improving productivity in <i>Tanacetum balsamita</i> L. and vineyards through sustainable soil cropping management strategies	GRATTACASO, Martina
15:15	[127] Application of the QBS-ar index as a new indicator for the NEC network in Italy	SICURIELLO, FLAVIA
15:20	[64] Mostra d'Oltremare urban park and its botanical heritage	BERTOLI, BARBARA
15:25	[77] Meta-Genomics: Exploring Every Surface	POLLEGIONI, PAOLA

mercoledì 19 febbraio 2025

Poster e Flash talk: Biblioteca (14:15 - 15:15)

-Organizzatori: ILARIA ROSATI; FRANCESCO DELEO; OLGA GAVRICHKOVA

time	[id] title	presenter
14:15	[97] FAIRer, Better, Faster, Stronger.	TARALLO, ANDREA
14:20	[101] Infrastructure improvement at IRET-CNR Institute of Montelibretti financed by ITINERIS project	STEFANONI, WALTER Dr. PALLOZZI, Emanuele
14:25	[58] TECHNOLOGIES FOR ECOSYSTEM RESEARCH: FO \square X – FREE – AIR O \square EXPOSURE	LAZZARA, LEONARDO
14:30	[123] A FAIR and User-Friendly Web Application for Democratizing Research on Zoospore Parasites in Aquatic Systems	RAHO, DAVIDE
14:35	[129] The ICOS ecosystem site of Real Bosco di Capodimonte	BERTOLINI, TERESA
14:40	[95] Analytical Workflow to Study Ocean Production Response to Global Warming	Dr. SEMERARO, TEODORO
14:45	[50] Low $\delta^{13}\text{C}$ variability and high vessel density reveal anisohydric olive cultivar as most drought-resilient	Dr. PORTARENA, Silvia
14:50	[114] Enhancing Ecosystem Recovery: The Role of Digital Plant Phenotyping in supporting Nature-based Solutions	Dr. DI BACCIO, DANIELA BARBAFIERI, MERI
14:55	[108] New indicators for the selection of plants adapted to saline environments: combining High-Throughput digital Plant Phenotyping with morpho-physiological and biochemical analyses in sustainable water management	DI BACCIO, DANIELA
15:00	[111] Eco-physiological and growth characters of woody plant species in determining the potential of traditional agroforestry practices as nature-based carbon sinks in Mediterranean area	GAROSI, Cesare
15:05	[124] Morpho-physiological and gene expression analyses in <i>Lepidium sativum</i> plants exposed to drought stress, heat stress and their combination	Dr. CAISSUTTI, Cristina

Poster e Flash talk: Sala Marconi (14:15 - 15:15)

-Organizzatori: DAVIDE MARZI; SILVIA TRAVERSARI; BARBARA BAESSOMOURA

time	[id] title	presenter
14:15	[53] Selenium nanoparticles: improving tomato quality and protecting ecosystems.	Dr. SHIRIAEV, Anton
14:20	[69] Elemental profiling of PM10 in Yerevan: <i>F. excelsior</i> and <i>P. orientalis</i> leaves as bioindicators	SGRIGNA, GREGORIO
14:25	[96] Predicting Ecosystem Functional Properties at ICOS sites with hyperspectral PRISMA data using machine learning: a comparison between random forest and extreme gradient boosting	NARDELLA, Lorenza
14:30	[112] FlorTree model: optimal tree species selection considering air pollution removal capacity in urban ecosystems	HOSHIKA, Yasutomo
14:35	[126] The BRISMIC project: Interactions among landform, soil, vegetation, and microbiome during initial colonization stages in High Arctic patterned grounds	VENTURA, STEFANO
14:40	[99] Holistic assessment of ecosystem restoration strategies after a natural disaster	GUIDOLOTTI, GABRIELE

14:45	[85] Revitalizing urban landscapes by desealing: the REUSES project for soil restoration and sustainable community development	DILONARDO, SARA
14:50	[67] Manipulation experiments in Alpine ecosystems: Exploring climate change impacts and carbon dynamics	DALO, FEDERICA
14:55	[134] The KasTrack project: chestnut biodiversity and distribution in Campania	CALANDRELLI, Marina Maura
15:00	[135] Fostering the knowledge uptake on Nature-based Solutions: a review of digital tools and platforms	Dr. CATALANO, CHIARA
15:05	[89] New vegetables rennet development for vegetarian cheeses production	MANDRICH, LUIGI
15:10	[125] Urban vegetation and air pollution: dealing with particulate matter deposition, physiological and molecular responses in plants grown in a green wall in Rome. The study case of Villa Leopardi	Dr. ANTENOZIO, MARIA LUISA