

Monday, 21 September 2015 - Global Change and Sustainability

13:30-14:30							
Opening ceremony - Ernst Haeckel Prize							
14:30-15:15							
Opening lecture - "The coupled human - climate system: future challenges and vulnerabilities" - R.Valentini							
15:15-16:30	Global Change Ecology	PLANT TRAITS - A TOOL TOWARDS A MORE PREDICTIVE ECOLOGY?	Ecotoxicology	THE (MACRO)ECOLOGY OF ANIMAL SPECIES DECLINE	BIO-MONITORING: LESSONS FROM THE PAST, CHALLENGES FOR THE FUTURE	THE SOUNDSCAPE ECOLOGY: A NEW FRONTIER OF THE ECOLOGICAL INVESTIGATION.	Aquatic Ecology
16:30-17:00							
Coffee break/Poster Sessions							
17:00-18:30	Global Change Ecology	PLANT TRAITS - A TOOL TOWARDS A MORE PREDICTIVE ECOLOGY?	Ecotoxicology	THE (MACRO)ECOLOGY OF ANIMAL SPECIES DECLINE	BIO-MONITORING: LESSONS FROM THE PAST, CHALLENGES FOR THE FUTURE	THE SOUNDSCAPE ECOLOGY: A NEW FRONTIER OF THE ECOLOGICAL INVESTIGATION.	Aquatic Ecology
18:30-18:45	Global Change Ecology	PLANT TRAITS - A TOOL TOWARDS A MORE PREDICTIVE ECOLOGY?	Ecotoxicology	THE (MACRO)ECOLOGY OF ANIMAL SPECIES DECLINE	BIO-MONITORING: LESSONS FROM THE PAST, CHALLENGES FOR THE FUTURE	THE SOUNDSCAPE ECOLOGY: A NEW FRONTIER OF THE ECOLOGICAL INVESTIGATION.	Aquatic Ecology
18:45-19:00	Global Change Ecology	PLANT TRAITS - A TOOL TOWARDS A MORE PREDICTIVE ECOLOGY?		THE (MACRO)ECOLOGY OF ANIMAL SPECIES DECLINE	BIO-MONITORING: LESSONS FROM THE PAST, CHALLENGES FOR THE FUTURE	THE SOUNDSCAPE ECOLOGY: A NEW FRONTIER OF THE ECOLOGICAL INVESTIGATION.	Aquatic Ecology
20:00-22:00							
Welcome cocktail							

Tuesday, 22 September 2015 - Urban ecosystems and Resilience

08:30-9:15							
Plenary lecture - Sociology, Ecology and Environmental Sustainability - M. Gross							
09:15-10:30	SCALE NON-LINEARITY OF DRIVERS OF ENVIRONMENTAL CHANGE, AND SCALE MISMATCHES IN NATURE CONSERVATION GOVERNANCE	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	FRONTIERS IN ECOLOGICAL ECONOMICS: TOWARDS THE CIRCULAR AND LOW CARBON ECONOMY	ENERGY AND MATERIAL FLOWS IN MEGACITIES	CELEBRATORY SYMPOSIUM FOR ESA CENTURY ANNIVERSARY	HIDDEN AND DARK BIODIVERSITY - FROM MOLESCULES TO MACROECOLOGY	LIGHT POLLUTION SYMPOSIUM
10:30-11:00							
Coffee break/Poster Session							
11:00-12:30	SCALE NON-LINEARITY OF DRIVERS OF ENVIRONMENTAL CHANGE, AND SCALE MISMATCHES IN NATURE CONSERVATION GOVERNANCE	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	FRONTIERS IN ECOLOGICAL ECONOMICS: TOWARDS THE CIRCULAR AND LOW CARBON ECONOMY	ENERGY AND MATERIAL FLOWS IN MEGACITIES	CELEBRATORY SYMPOSIUM FOR ESA CENTURY ANNIVERSARY	HIDDEN AND DARK BIODIVERSITY - FROM MOLESCULES TO MACROECOLOGY	LIGHT POLLUTION SYMPOSIUM
12:30-13:15	SCALE NON-LINEARITY OF DRIVERS OF ENVIRONMENTAL CHANGE, AND SCALE MISMATCHES IN NATURE CONSERVATION GOVERNANCE	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	FRONTIERS IN ECOLOGICAL ECONOMICS: TOWARDS THE CIRCULAR AND LOW CARBON ECONOMY	ENERGY AND MATERIAL FLOWS IN MEGACITIES	CELEBRATORY SYMPOSIUM FOR ESA CENTURY ANNIVERSARY	Biodiversity and ecosystems	Behavioural Ecology
13:15-14:15	Lunch/Poster Session	WORKSHOP: Using intelligent GIS tools supporting MSFD Monitoring Achievements of IRIS-SES Project	Lunch/Poster Session	Trans-disciplinary Ecosystem-Health Research and Innovation: Interfacing Disciplines and Fields of Activity	Synthesis in ecology and the role of Synthesis centers	Lunch/Poster Session	
14:15-15:00							
Plenary lecture - The ecology of Architecture - F. Musso							
15:00-16:30	Urban resilience, sustainability and health - Round Table	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	Urban resilience, sustainability and health Round Table		EEF MEETING	Urban resilience, sustainability and health Round Table	
16:30-17:00							
Coffee break/Poster Session							
17:00-18:45	INTEROPERABILITY TOOLS FOR E-BIODIVERSITY	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	Aquatic Ecology	Forest Ecology & Dynamics	EEF MEETING	Biodiversity and ecosystems	Evolutionary ecology
18:45-19:00	INTEROPERABILITY TOOLS FOR E-BIODIVERSITY	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE		Forest Ecology & Dynamics	EEF MEETING	Biodiversity and ecosystems	Evolutionary ecology

Wednesday, 23 September 2015 - Science-Policy Interface

08:30-10:30	ISLAND AT THE CROSSROADS: CONSERVATION DILEMMAS UNDER GLOBAL CHANGES.	PATTERNS AND PROCESSES IN TROPICAL FOREST ECOLOGY	MULTI-SCALE MANAGEMENT OF PLANT INVASIONS AND OF THEIR IMPACTS ON ECOSYSTEM SERVICES - FROM GLOBAL ANTICIPATION TO LOCAL GOVERNANCE	BIODIVERSITY AND ECOSYSTEM FUNCTION EXPERIMENTS WITH TREES	STAYING IN THE SAME PLACE OR LAGGING BEHIND? PATHS AND OBSTACLES FOR CRITICAL INNOVATION IN ECOLOGY	Biodiversity and ecosystems	Agricultural Ecology
10:30-11:00	Coffee break/Poster Session						
11:00-12:30	ISLAND AT THE CROSSROADS: CONSERVATION DILEMMAS UNDER GLOBAL CHANGES.	PATTERNS AND PROCESSES IN TROPICAL FOREST ECOLOGY	MULTI-SCALE MANAGEMENT OF PLANT INVASIONS AND OF THEIR IMPACTS ON ECOSYSTEM SERVICES - FROM GLOBAL ANTICIPATION TO LOCAL GOVERNANCE	BIODIVERSITY AND ECOSYSTEM FUNCTION EXPERIMENTS WITH TREES	STAYING IN THE SAME PLACE OR LAGGING BEHIND? PATHS AND OBSTACLES FOR CRITICAL INNOVATION IN ECOLOGY	Biodiversity and ecosystems	Agricultural Ecology
12:30-13:15	Plenary lecture - The effects of climate change on phenology of wildflowers and animals in the Colorado Rocky Mountains - D. Inouye			BIODIVERSITY AND ECOSYSTEM FUNCTION EXPERIMENTS WITH TREES	Plenary lecture - The effects of climate change on phenology of wildflowers and animals in the Colorado Rocky Mountains - D. Inouye		
13:15-14:15	Lunch/Poster Session			BIODIVERSITY AND ECOSYSTEM FUNCTION EXPERIMENTS WITH TREES	Lunch/Poster Session		
14:15-15:45	Frontiers and future perspectives for ecological research - Round Table						
15:45-16:30	Plenary lecture - Global change and ecosystem response: Cross-scale interactions and the chain of uncertainties - A. Provenzale						
16:30-17:00	Coffee break/Poster Session						
17:00-17:45	Plenary lecture - Metabolism of Megacities - C. Kennedy				COMBINING EARTH OBSERVATIONS WITH EXPERIMENTAL STUDIES FOR DEVELOPING SUSTAINABLE ECOSYSTEM SERVICES AND NATURAL RESOURCES	Plenary lecture - Metabolism of Megacities - C. Kennedy	
17:45-18:30	Meeting of the President of Ecological Societies	Ecological Modelling + Body Sizes Allometries and Patterns	Population & Community Ecology + Food and webs	Global Change Ecology	COMBINING EARTH OBSERVATIONS WITH EXPERIMENTAL STUDIES FOR DEVELOPING SUSTAINABLE ECOSYSTEM SERVICES AND NATURAL RESOURCES		Agricultural Ecology
18:30-19:00	Meeting of the President of Ecological Societies	Ecological Modelling + Body Sizes Allometries and Patterns	Population & Community Ecology + Food and webs		COMBINING EARTH OBSERVATIONS WITH EXPERIMENTAL STUDIES FOR DEVELOPING SUSTAINABLE ECOSYSTEM SERVICES AND NATURAL RESOURCES		Agricultural Ecology

Thursday, 24 September 2015 - Biodiversity and Ecosystems

08:30-10:30	VITO VOLTERRA SYMPOSIUM ON MATHEMATICAL MODELS IN ECOLOGY	LONG TERM ECOLOGICAL RESEARCH (ILTER) – THE EUROPEAN PERSPECTIVE.	THE CHALLENGE OF MANAGING MULTIPLE STRESSORS IN MARINE REGIONS: SUCCESS STORIES, OPPORTUNITIES FOR ACTION AND GAPS OF KNOWLEDGE.	SOIL QUALITY AND HEALTH	NEW EMERGING DRIVERS OF CARBON AND NUTRIENT CYCLES UNDER A DRIER AND WARMER CLIMATE	HIGH NATURE VALUE FARMLAND: TOWARDS MORE EFFECTIVE CONSERVATION AND MONITORING OF BIODIVERSITY ACROSS EUROPEAN LANDSCAPES.	ECOLOGISTS' STRATEGIES AT SCIENCE-POLICY INTERFACES: HOW CAN SOCIAL SCIENCES HELP?
10:30-11:00	Coffee break/Poster Session						
11:00-12:30	VITO VOLTERRA SYMPOSIUM ON MATHEMATICAL MODELS IN ECOLOGY	LONG TERM ECOLOGICAL RESEARCH (ILTER) – THE EUROPEAN PERSPECTIVE.	THE CHALLENGE OF MANAGING MULTIPLE STRESSORS IN MARINE REGIONS: SUCCESS STORIES, OPPORTUNITIES FOR ACTION AND GAPS OF KNOWLEDGE.	SOIL QUALITY AND HEALTH	NEW EMERGING DRIVERS OF CARBON AND NUTRIENT CYCLES UNDER A DRIER AND WARMER CLIMATE	HIGH NATURE VALUE FARMLAND: TOWARDS MORE EFFECTIVE CONSERVATION AND MONITORING OF BIODIVERSITY ACROSS EUROPEAN LANDSCAPES.	ECOLOGISTS' STRATEGIES AT SCIENCE-POLICY INTERFACES: HOW CAN SOCIAL SCIENCES HELP?
12:30-13:15	Plenary lecture - Volterra's legacy: variations and fluctuations in the numbers of coexisting species – J. Huisman						
13:15-14:15	Lunch/Poster Session	ILTER Nitrogen Initiative (13:45 - 16:00)	ILTER Carbon Initiative (13:45 - 16:00)	The emergence of wicked problems in coupled human and natural systems: contributions of the ILTER to a partnership (13:45 - 16:00)	Lunch/Poster Session		
14:15-15:00	Plenary lecture - Patterns of Plant Invasions in and from Central Europe - I. Kuehn	ILTER Nitrogen Initiative (13:45 - 16:00)	ILTER Carbon Initiative (13:45 - 16:00)	The emergence of wicked problems in coupled human and natural systems: contributions of the ILTER to a partnership (13:45 - 16:00)	Plenary lecture - Patterns of Plant Invasions in and from Central Europe - I. Kuehn		
15:00-16:30	Enhancing synergies among Research Infrastructures and Joint Programming Initiatives on key environmental priorities - Round table	ILTER Nitrogen Initiative (13:45 - 16:00)	ILTER Carbon Initiative (13:45 - 16:00)	The emergence of wicked problems in coupled human and natural systems: contributions of the ILTER to a partnership (13:45 - 16:00)	Enhancing synergies among Research Infrastructures and Joint Programming Initiatives on key environmental priorities - Round table		
16:30-17:00	Coffee break/Poster Session	LONG-TERM ECOLOGICAL RESEARCH: ENVIRONMENTAL SIGNALS AND LARGE SCALE INSIGHTS FROM A GLOBAL NETWORK – ILTER	Coffee break/Poster Session				
17:00-17:45	SUSTANABILITY EDUCATION FOR A NEW CITIZENSHIP	LONG-TERM ECOLOGICAL RESEARCH: ENVIRONMENTAL SIGNALS AND LARGE SCALE INSIGHTS FROM A GLOBAL NETWORK – ILTER	Biogeography and Landscape Ecology	Macroecology & Scaling	Ecological Modelling + Body Sizes Allometries and Patterns	Population & Community Ecology + Food and webs	SITE Board meeting
17:45-18:15	SUSTANABILITY EDUCATION FOR A NEW CITIZENSHIP	LONG-TERM ECOLOGICAL RESEARCH: ENVIRONMENTAL SIGNALS AND LARGE SCALE INSIGHTS FROM A GLOBAL NETWORK – ILTER	Biogeography and Landscape Ecology	Biogeochemistry in Terrestrial & Aquatic Ecosystem	Ecological Modelling + Body Sizes Allometries and Patterns	Population & Community Ecology + Food and webs	SITE Board meeting
18:15-19:00	SUSTANABILITY EDUCATION FOR A NEW CITIZENSHIP	LONG-TERM ECOLOGICAL RESEARCH: ENVIRONMENTAL SIGNALS AND LARGE SCALE INSIGHTS FROM A GLOBAL NETWORK – ILTER	Biogeography and Landscape Ecology	Biogeochemistry in Terrestrial & Aquatic Ecosystem	Ecology & Society	Population & Community Ecology + Food and webs	SITE Board meeting

Friday, 25 September 2015 - Nutrition and Resources

08:30-9:15 Plenary lecture - Vulnerability and resilience of coastal ecosystems and fisheries to climate change - F. Micheli						
09:15-10:15	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT	Conservation Ecology	STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES	Physiological Ecology	Ecosystem services & societal benefits	Population & Community Ecology + Food and webs
10:15-10:30	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT	Conservation Ecology	STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES		Ecosystem services & societal benefits	Population & Community Ecology + Food and webs
10:30-11:00	Coffee break/Poster Session					
11:00-12:30	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT	Conservation Ecology	STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES	Roma e le sue acque. Verso una progettualità - Round Table	Ecosystem services & societal benefits	Population & Community Ecology + Food and webs
12:30-13:00	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT		STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES		Ecosystem services & societal benefits	Population & Community Ecology + Food and webs
13:00-13:15	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT		STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES			Population & Community Ecology + Food and webs
13:15-14:00	Closing Ceremony					

Ecotoxicology	Law, Energy & Environment	Global Change Ecology
	Symposium	Aquatic Ecology

Opening ceremony - Ernst Haeckel Prize							
Opening lecture - "The coupled human - climate system: future challenges and vulnerabilities" - R.Valentini							
13:30-14:30							
14:30-15:15							
15:15-15:30	ELENA MAGGI Climate-induced environmental stress in intertidal grazers: scaling-up biochemical responses to population - level processes	PLANT TRAITS - A TOOL TOWARDS A MORE PREDICTIVE ECOLOGY?	SUSANNA SFORZINI Toxic and genotoxic effects of different pesticides and their mixtures on the non-target model organism <i>Eisenia andrei</i> : laboratory and field studies	THE (MACRO)ECOLOG Y OF ANIMAL SPECIES DECLINE	BEN COLLEN Defaunation in the Anthropocene: response of animal populations to human mediated drivers	BIO-MONITORING: LESSONS FROM THE PAST, CHALLENGES FOR THE FUTURE	ANTONIO PUSCEDDU Effects of different climate-related episodic events on the benthic trophic status and biodiversity of European continental margins
15:30-15:45	SILVIA PULINA Mesocosm experiment of increasing temperature and effects on the plankton community of a Mediterranean lagoon	COLIN PRENTICE From plant traits to ecosystem processes: bridging ecophysiology and macroecology	TOMMASO CAMPANI Toxicological effects in soil and water bioindicators exposed to olive mill waste before and after dephenolisation treatment.			RICHARD MERRITT The living stream: a functional approach	LAZARO MARIN-GUIRAO Insights on the tolerance and resilience of Mediterranean seagrasses to short-term heat waves
15:45-16:00	VALENTINA COSTA Community and trophic structure of amphipod assemblages associated to <i>Posidonia Oceanica</i> in a shallow volcanic CO2 vent	ANDY PURVIS Using functional traits to model plant species' sensitivity to land-use change	ELISA BERGAMI Long-term toxicity of nanoplastics to marine plankton species <i>Dunaliella tertiolecta</i> and <i>Artemia salina</i>	AAFKE SCHIPPER Contrasting changes in the abundance and diversity of North-American bird assemblages		SALOME' ALMEIDA Freshwater diatoms as indicators of environmental change: from the community to the cell level	GIULIO FARELLA Towards a framework for assessment and management of regional vulnerability of marine coastal priority habitats
16:00-16:15	IKER PARDO Weak and slow response of high elevation grasslands under global change	BRUNO CERABOLINI A global view and measurement of plant ecological strategies	FRANCESCA PISANELLO DOT and Hg contamination of Tocco River (Italy): studies for evaluating the on-site bioavailability (use of passive samplers and benthic invertebrates)	MANUELA GONZALEZ Beyond correlation: searching for the mechanisms by which species' traits influence extinction risk		PHILIP JAMES Socio-ecological soundscapes – portraits of reality	LISANDRO BENEDETTI CECCHI Regime shifts and the maintenance of alternative states on rocky reefs in the new Mediterranean
	GESCHE BLUME-WERRY Short- and Long-Term effects of an absent snow cover on Boreal forest plants	CYRILLE VIOLLE Predictive trait-based community ecology and biogeography: promises and limits	ALDO VIARENGO Effects of contaminants on the autophagic process in mussels: new insights and possible applications	MICHELA PACIFICI Importance of intrinsic and extrinsic characteristics to identify hotspots of mammal species at risk from climate change	LAURENCE CARVALHO Assessing the health of freshwaters and their potential to provide ecosystem services	DIEGO LLUISIA Interspecific acoustic	STEFANO FENOGLIO When the invasion of freshwater failed: the case of aquatic insects
16:30-17:00							
Coffee break/Poster Sessions							
17:00-17:15	EDOARDO CALIZZA Seasonal trophic niche shift in Antarctic benthic consumers	SABINA BURRASCANO Re-visiting historical semi-natural grasslands plots to assess shifts in plant functional traits	AMBROGINA ALBERGAMO Elucidating the free fatty acid profile of caged mussels, <i>Mytilus galloprovincialis</i> , for the assessment of environmental pollution	LUIGI MAIORANO Sea level rise and the decline of water-birds in Europe	ALEX LAINI How do within site variability of detection probability and abundance of macroinvertebrates affect the result of multimetric index?	DIEGO LLUISIA Interspecific acoustic	ALICE CARDECCIA Biological trait profiles of the 68 most widespread non-indigenous species in the European seas
17:15-17:30	ISABELLE AUBIN Integrated assessment of Canadian forest vulnerability to climate change	CHRISTIAN MULDER Nitrogen deposition in Europe and trade-offs for soil decomposition and pollination services	ILARIA CALIANI Evaluation of the impact of environmental contaminants of coastal areas subject to pre- and post-bioremediation by the application of genotoxicity biomarkers in mussels <i>Mytilus galloprovincialis</i>	ANDY PURVIS "The bigger they are, the harder they fall"? Organism size and species' sensitivity to land-use impacts	MATTIA AZZELLA Natural dynamics affect submerged aquatic vegetation depth distribution, diversity and abundance in deep lakes: implications for the biomonitoring	GIUSEPPA BUSCAINO Soundscape of different marine coastal ecosystem	SONJA LEIDENBERGER Evaluating the potential of ecological niche modelling as a component in marine non-indigenous species risk assessments
17:30-17:45	FRANCISCO LLORET Assessing population-level responses in plant communities affected by drought-induced die-off through species bioclimatic niches	TALIE MUSAVI Considerations on a data-driven approach to identify plant's imprint on ecosystem functioning	LUCIANA MIGLIORE An interdisciplinary approach to characterize seagrasses: the study of <i>Halophila stipulacea</i> meadows in the Gulf of Aqaba by morphological, biochemical descriptor and epiphytic microbial communities	LUCA SANTINI Human-driven body size reduction in terrestrial mammal communities	PAOLO VILLA Mapping macrophyte functional groups using multi-temporal satellite data: approach overview and capabilities		LUCA ZOCCARATO <i>Aurelia aurita</i> ephyrae effect on a coastal microbial community
17:45-18:00	CAROLINE MÜLLER Distinct effects of drought on plant shoot and root traits and ecological interactions	MIRCO MIGLIAVACCA Using ecosystem level CO2 fluxes, hyperspectral remote sensing and plant traits to evaluate the effects of nutrient availability on the functioning of a Mediterranean grassland	GIOVANNA DI DONATO Macrofaunal community as indicator of sandy beaches environmental quality	JELLE HILBERS Setting equitable conservation targets: biological predictors of species persistence	JURI NASCIBENE Steps towards protocols for including lichens in routine monitoring of freshwater habitats as part of the implementation of the EU Water Framework Directive	MARIA CERAULO The soundscape of <i>Posidonia oceanica</i> ecosystem: temporal and spatial patterns	VIVIANA PIERMATTEI An integrated observatory for the study of marine coastal ecosystems
18:00-18:15	FABIO BULLERI A meta-analysis and an experimental test of variations in the impact of non-native seaweeds along gradients of habitat degradation	RAFAEL POYATOS Incorporating imputation and data uncertainty into a tree functional trait database	GINA DE LA FUENTE Macroalgal seasonality effect on CARLIT methodology	FLORENT MAZEL Mammalian phylogenetic diversity-area relationships at a continental scale	PAOLO GIORDANI A new European standard for lichen biomonitoring: research supports application		ANTONIO TERLIZZI A new framework for reliable estimates of gamma-diversity
18:15-18:30	DANIELE PORRETTA Life-history traits and response to global climate-changes: insights from the past	JULIA JOSWIG Gap-filling for multivariate plant trait analyses – trait prediction using Bayesian Hierarchical Probabilistic Matrix Factorization	MAURO TRETACH A novel biotechnological tool to monitor trace elements and PAHs based on a devitalized moss clone: the MOSSclone output	GIOVANNI AMORI Macroecological patterns of distribution and endemism of European montane mammals	BRUNO CERABOLINI Plant strategies as biological indicators of ecosystem services	GRAMMAUTA ROSARIO Anthropogenic noise in the central Mediterranean sea: model, direct measurements and management indications	CHIARA STEFANI PhytoVFP: a new bio-optical model to estimate phytoplankton primary production
18:30-18:45	GIULIA GATTI Decadal change in rocky reefs: the importance of observational ecology	KIRSTEN THONIKE Diversifying plant traits in a DGVM – the LPmL-FIT approach	VIVIANA FONTI Going beyond the WEEE Directive: examples of waste management options that create advantages for the environment	CARLO RONDININI Projected effect of global change on European large mammals	CRISTINA MENTA Soil fauna in health and soil quality monitoring		SERGIO STEFANI Large spatial scale metagenomic analysis of zooplankton of the Adriatic Sea
18:45-19:00	ODETTE GONZALEZ Response of soil microorganisms to summer flooding as affected by plant diversity	SIMON SCHEITER Trait-based ecosystem modeling: projecting traits, communities and functional diversity		Conclusions	Conclusions	Conclusions	LINDA CALAMNIUS The effect a seal exclusion device has on catches in a pontoon trap for salmonids
20:00-22:00				Welcome cocktail			

	Aquatic Ecology	Behavioural Ecology	Evolutionary ecology
Biodiversity and ecosystems	Forest Ecology & Dynamics	Symposium	Round Table

Plenary lecture - Sociology, Ecology and Environmental Sustainability - M. Gross							
09:15-9:30	SCALE NON-LINEARITY OF DRIVERS OF ENVIRONMENTAL CHANGE, AND SCALE MISMATCHES IN NATURE CONSERVATION GOVERNANCE	PHYTOPLANKTON TRAITS, FUNCTIONAL GROUPS AND COMMUNITY ORGANIZATION IN THE PERSPECTIVE OF GLOBAL ENVIRONMENTAL CHANGE	FRONTIERS IN ECOLOGICAL ECONOMICS: TOWARDS THE CIRCULAR AND LOW CARBON ECONOMY MASSIMILIANO MAZZANTI	ENERGY AND MATERIAL FLOWS IN MEGACITIES	CELEBRATORY SYMPOSIUM FOR ESA CENTURY ANNIVERSARY Ecological milestones from the ESA Centennial meeting J. BARON, D. INOUE, N. HUNTLY	HIDDEN AND DARK BIODIVERSITY – FROM MOLESCULES TO MACROECOLOGY	LIGHT POLLUTION SYMPOSIUM FABIO FALCHI The new world atlas of artificial sky brightness
09:30-09:45	KLAUS HENLE AND JOSEPH TZANOPOULOS Introduction	Trait-based approaches to phytoplankton ecology and evolution ELENA LITCHMAN	GIOVANNI MARIN Patterns of sustainable consumption and production in European countries	ANGELO FACCHINI The "electric city" as a solution for urban sustainability	NANCY HUNTLY Putting people into ecological models to understand past and future human ecology	MEELIS PÄRTEL Distribution of observed and dark diversity of plants at the European scale	EVA KNOP Day-time and night-time plant-pollinator interaction networks
09:45-10:00		Phytoplankton size: Do marine phytoplankton follow Bergmann's rule? ULRICH SOMMER				CHRIS KENNEDY Transformation of Megacities Through Low Carbon Electrification	PIERRE TABERLET Tracking biodiversity via DNA metabarcoding
10:00-10:15	STEFANO LARSEN Temporal biodiversity changes across scales	URSULA GAEDKE Do phytoplankton traits do what we hypothesize in trait based ecology?	SALVATORE MONNI Nature from Sumak Kawayay to Buen Vivir: from cosmovision to neoextractivism	IAIN STEWART Urban metabolism of megacities: a comparative study	JILL BARON Worldwide nitrogen management challenges for a crowded planet	ELINE LORENZEN Recent speciation and rapid evolutionary adaptation in polar bears	KEVIN GASTON Artificial nighttime lighting and species interactions
10:15-10:30		ROBERT PTNACNIK Mixotrophy in bacterivorous flagellates - shedding light on a neglected trait					TERREL A. GALLAWAY Dark night ecotones: the economics of global night sky conservation
10:30-11:00	Coffee break/Poster Session						
11:00-11:15	PASCAL MARTY Spatial structuration of anthropogenic drivers of environmental change in coastal areas	SIRPA LEHTINEN Phytoplankton diversity, production, and community composition in relation to nutrient availability and imbalance	SILVANA DALMAZZONE The economics of carbon costing	IAIN STEWART Urban metabolism of megacities: a comparative study	DAVID W. INOUE Plants and insects in a changing world	INGA HIESALU Revealing plant belowground diversity - do know patterns remain?	MARCEL E. VISSER Emerging population effects of long-term artificial illumination of a forest edge ecosystem
11:15-11:30		KIRSTEN OLRIK Phytoplankton responses to global warming and increasing human exploitation of inland and coastal waters	MARCO MODICA Vulnerability, hazard, risk, loss and resilience: a socio-ecological framework for natural disasters	JAMES KEIRSTEAD Downscaling London's domestic energy consumption		JENS-CHRISTIAN SVENNING Dark horses and black panthers – ecological and conservation perspectives on dark megafaunal diversity	
11:30-11:45	IRENE RING Intergovernmental fiscal transfers to support local conservation action in Europe	RIINA KLAIS Signal of biotic interactions in the phytoplankton community composition	CLAUDIA GHISSETTI Eco innovations in a systemic and evolutionary view	RENATA MELE The role of utilities in the urbanization of 21st century	RICHARD V. POUYAT The Emergence and Relevance of Urban Ecology in the United States	JOHN DAVISON Darkness visible – molecular diversity of arbuscular mycorrhizal fungal communities worldwide	FRANZ HÖLKER Microbial diversity and community respiration in freshwater sediments influenced by artificial light at night
11:45-12:00		ARNAUD CATHERINE Land use heterogeneity among catchment areas promotes hyper β-diversity of phytoplankton communities across urban regions				RENATA MELE The role of utilities in the urbanization of 21st century	
12:00-12:15	RIIKA PALONIEMI Scale mismatches of biodiversity governance – How to successfully combine voluntariness and ecological targeting of conservation?	ALESSANDRA PUGNETTI Patterns of phytoplankton community in the lagoon of Venice: a trait-based analysis			ROBERT G. WOODMANSEE The risk of ecosystem ecology and its applications to environmental challenges	Led by MARTIN ZOBEL Discussion: are there hidden patterns of diversity and what do they tell us?	Conclusions
12:15-12:30	ELIA APOSTOLOPOULOU Governance rescuing and the neoliberalisation of nature	MARIA ROSARIA VADRUCCI Assessment of surface waters quality based on monitoring of phytoplankton community structure in six Apulian (Italy) Artificial Lakes	NICOLO BARBIERI Environmental inequality and mortality rate: an empirical investigation on Italian municipalities	RENATA MELE Presentation of the volume "Cities in the 21st century. Academic visions on urban development"			
12:30-12:45	JOSEPH TZANOPOULOS Scale, habitat banking, green infrastructure and nightingale ecology: the story – so far – of the Lodge Hill development site in the UK	SOFIE SPATHARIS Phytoplankton assemblage self-organization, emerging species traits and competition under a pulsed nutrient regime				SANTIAGO SOLIVERES Do rare species matter for ecosystem multifunctionality?	THOMAS VERSCHUT Searching for food in complex environments: elucidating associational effects between resources
12:45-13:00	Questions	LETICIA QUESADO Use of morphofunctional classifications in phytoplanktonic communities of eutrophic lakes	VALERIA MONTALTO Projecting the future potential of shellfish sector in the Mediterranean sea and possible economic rebounds	Conclusions		BERTA CABALLERO LOPEZ Herbivores, saproveres and natural enemies benefit differently from intra-field plant community of winter wheat	ESPERANZA IRANZO Assessing landscapes of fear: effects of risk perception versus actual predator abundance on group structure and behaviour in a guanaco population in southern Patagonia
13:00-13:15	Conclusions	IOANNIS TSAKALAKIS Diurnal light oscillation as a contributing process for niche creation and biodiversity patterns			Conclusions	LIONEL HERTZOG Increase in predation rates along an experimental plant diversity gradient	ROKHSAREH MALEKPOUR Is the behaviour associated with the movement of <i>Tribolium castaneum</i> (Herbert) (Coleoptera: Tenebrionidae) influenced by phosphine resistance genes?

13:15-14:15	Lunch/Poster Session		Trans-disciplinary Ecosystem-Health Research and Innovation: Interfacing Disciplines and Fields of Activity	Lunch/Poster Session	Using intelligent GIS tools supporting MSFD Monitoring: Achievements of IRUS-SES Project	Synthesis in ecology and the role of Synthesis centers	Lunch/Poster Session
14:15-15:00	Plenary lecture - The ecology of Architecture - F. Musso						
15:00-15:15	Urban resilience, sustainability and health - Round Table	GEORGE TSIRTIS Phytoplankton networks embedded within regional species pools as a key factor shaping beta diversity	Urban resilience, sustainability and health - Round Table	EEF MEETING	Urban resilience, sustainability and health - Round Table	Urban resilience, sustainability and health - Round Table	
15:15-15:30		ROBERTA CONGESTRI Automated determination and quantification of filamentous toxic cyanobacterial genera by spline curves, pattern recognition and machine learning					
15:30-15:45		ELENA STANCA Species and shape diversity of phytoplankton along spatial and temporal gradients in the Florida Keys					
15:45-16:00		DIANA SARNO Evolutionary pressure on diatom life forms					
16:00-16:15		ALEXEY RYABOV Effects of trait differences and depth of the biomass maximum on the competition outcome in a water column					
16:15-16:30		CARLA KRUK Functional diversity differs among life domains and major phylogenetic groups in the freshwater phytoplankton					
16:30-17:00	Coffee break/Poster Session						
17:00-17:15	INTEROPERABILITY TOOLS FOR E-BIODIVERSITY JENS KATTGE Towards semantic interoperability for plant functional diversity	ESTEBAN ACEVEDO TREJOS Insights from a model of phytoplankton community properties	ALESSANDRO RINALDI Thermal variance sets life history traits of the Mediterranean toothcarp <i>Aphanius fasciatus</i>	GIOVANNA BATTIPAGLIA Evaluation of the trade-off between productivity and Water Use Efficiency (WUE) of tree species for biomass crop under different management strategies in Mediterranean climate	ALEX FAJARDO Species partition fine-scale gradients in light availability on their leaf functional traits in southern Chile	VINCENT BONHOMME Seeds of morphometrics for the origins of agriculture	
17:15-17:30	ILARIA ROSATI Semantic tools for functional trait-based approaches: development and applicability	LEA ROSELLI Biogeographical-scale snapshot of phytoplankton community	CRISTINA ANDOLINA Use of artificial habitats within coastal lagoons: structure and ecological role of resident fish populations	HERMANN HEILMEIER Structure of alluvial forest gaps using LIDAR data with respect to invasive species	INES ABELA HOFBAUEROVA Do seedling traits reflect adult traits in vascular plants from the Himalayas?	TRIINU REMMEL Plants against herbivores: trade offs between defence strategies	
17:30-17:45	NICOLA FIORE The LifeWatch Italy e-infrastructure for biodiversity and ecosystem research	MUSTAFA MANTIKCI Modelling dark respiration in marine phytoplankton	MARCO SIGOVINI Estuarine sponge ground: discovery of a new habitat in the Venice lagoon	GEMA ESCRIBANO-AVILA Effective dispersal services performed by a diverse dispersal community leads to forest recovery & expansion after fire abandonment	ALEXEY RYABOV Environmental and trait variability constrain community structure and the biodiversity-productivity relationship	CARLOS LARA ROMERO Transcriptomic and phenotypic data from common gardens reveal adaptive genetic variation in a Mediterranean alpine plant	
17:45-18:00	PAOLO TAGLIOLATO Leveraging biodiversity interoperability through LifeWatch semantic resources	PETR ZNACHOR Effects of weather extremes on phytoplankton structure and composition in a freshwater reservoir MARIA MOUSTAKA-GOUNI Cyanobacteria species diversity, traits and dominance in phytoplankton of Mediterranean freshwaters ROBERTA CONGESTRI Cyanobacterial succession, size structure and toxins in the volcanic Lake Vico (Lattium, Italy) over a five year period VALERIE WENTZKY The determinants of seasonal and vertical trait dynamics in phytoplankton communities, using long-term data from Germany's largest drinking-water reservoir GIULIA DURANTE To float or to sink? A preliminary explanation to phytoplankton dilemma according to allometric scaling model and a novel method to assess sinking rate LEA ROSELLI New data-driven method from 3D confocal microscopy for calculating phytoplankton cell biovolume	ELISABETTA PIZZUL Macrobenitic invertebrate energy content within a freshwater temporary pool from northeast Italy	EDITH POUNDEN Environmental cues for masting in <i>Picea glauca</i>	SÖLVI WEHN Effects of land-use abandonment on taxonomic and functional biodiversity in semi-natural boreal ecosystems	INES CASMIRO-SORIGUER Cytological-symbiosis in <i>Silene</i> (Caryophyllaceae): frequency, gender variation and sexual dimorphism	
18:00-18:15	ALESSANDRO OGGIONI On the opportunity of exploiting Open Geospatial standards for biotic data management		LUCA RINDI Direct observation of increasing recovery length before collapse of a marine benthic ecosystem	ANDREW BARTON Conversion of pine-oak forest to oak shrubland after high-severity crown fire in the southwest USA	CHARLES NOCK Exploring the functional significance of forest diversity: an update from the long-term biotree experiment.	DANIEL MONTESINOS Inter-regional hybrids and heritability of increased competitive ability of an invasive species	
18:15-18:30	JOHANNES PETERSEIL Building bridges – a unifying architecture for LTER Europe based on common data services		MARCO BARTOLI Interactions among roots, macrofauna and bacteria in freshwater sediments	ELISABETTA GIUDITTA Is prescribed burning a sustainable practice for pine trees and soil microbial community in Mediterranean Basin?	ENRIQUE VALENCIA Functional traits modulate the phenological advance of drylands species under warming	TALITA AMADO Reproductive traits affect the geographic range of Amazonian anurans	
18:30-18:45	NICOLAS BAILLY LifeWatch Greece: Towards distributed e-infrastructures for supporting science-based solutions for biodiversity management	Conclusions	PIERLUIGI VIAROLI Linking the watershed with the adjacent sea: the river-coastal sea continuum and the transitional zone filter	GAIA VAGLIO LAURIN Effects of degradation in west African tropical forests	SERGIO CHOZAS Succession-driven changes in the functional diversity of xerophytic shrub communities	JOSÉ DEL VALLE Life on the beach: variable accumulation of anthocyanins and other flavonoids in reproductive and vegetative tissues of <i>Silene littorea</i>	
18:45-19:00	Conclusions			NICOLAS DEL PIERRE Investigating the interannual variability of above-ground wood growth in a temperate mature oak forest	MARTEN WINTER Synthesis Centers: an essential tool in our complex, data-rich future	EMANUELA DATTOLO Low photosynthetic plasticity in the seagrass <i>P. oceanica</i> - implication for restoration and conservation strategies	

	Biodiversity and ecosystems	Agricultural Ecology	Population & Community Ecology + Food and webs
Workshop	Ecological Modelling + Body Sizes Allometries and Patterns	Global Change Ecology	Round Table

08:30-08:45	ISLAND AT THE CROSSROADS: CONSERVATION DILEMMAS UNDER GLOBAL CHANGES.	PATTERNS AND PROCESSES IN TROPICAL FOREST ECOLOGY	MULTI-SCALE MANAGEMENT OF PLANT INVASIONS AND OF THEIR IMPACTS ON ECOSYSTEM SERVICES - FROM GLOBAL ANTICIPATION TO LOCAL GOVERNANCE	BIODIVERSITY AND ECOSYSTEM FUNCTION EXPERIMENTS WITH TREES	STAYING IN THE SAME PLACE OR LAGGING BEHIND? PATHS AND OBSTACLES FOR CRITICAL INNOVATION IN ECOLOGY. Intro: Critical innovation in ecology PETER JORGENSEN	ALEXANDROS GOUGOUSIS A preliminary investigation of reconstructing a column-based data source from an RDF dataset	F. XAVIER SANS SERRA Reconciling productivity and biodiversity conservation in dry land arable fields in the Mediterranean region
08:45-09:00	PAULO BORGES Cross Archipelagos biodiversity studies: SADS and SARS	HANNA TUOMISTO Understanding Amazonian biodiversity: how far can we get with existing data?		ALAIN PAQUETTE Biodiversity effects on functions and services of trees in the forest, the field, and the city; how can experiments help?	PAUL CRAZE Generating, nurturing and communicating ideas in ecology.	CATALDO PIERRI Effects of <i>Sabellia spallanzanii</i> (Polychaeta: Sabellidae) removal on the development of fouling communities.	ROSER ROTCHÉS-RIBALTA Farm management and landscape structure determine the frequency of arable species characteristic of dry land cereal fields
09:00-09:15	SIMONE FATTORINI Insects and the city: what island biogeography tell us about insect conservation in urban areas	JENS-CHRISTIAN SVENNING On the role of history and disequilibrium dynamics in shaping tropical forest community assembly across scales	PABLO GONZÁLEZ MORENO Assessment of impacts of biological invasions: an analysis across established protocols.	CHARLES ANDREW NOCK Exploring the functional significance of forest diversity: an update from the long-term 'biotree' experiment.	DEBORAH GORDON The essential role of ecology in the Anthropocene; a call for bridging disciplines.	STEFANIA PINNA Diversity and structure of Mediterranean rocky reef community, from macro- to megabenthos	SANDRINE PETIT Promoting weed regulation services in arable landscapes
09:15-09:30				ALAIN PAQUETTE BEF experiments with trees 2.0: using neighbourhood competition index to test for biodiversity effects at the tree level.	JULIETTE YOUNG Innovation at the science-policy interface: building alliances.	SILVIA BIANCHELLI Meiofaunal biodiversity in Mediterranean ecosystem alternative states	MARIAN MENDOZA-GARCÍA The effect of mass flowering density on pollinators and pollination services in arable-dominated landscape
09:30-09:45	ROSALINA GABRIEL MOVECLIM – cross archipelago evaluation of altitudinal patterns in bryophytes	OLIVER L. PHILLIPS Amazon forest carbon density and dynamics	INGOLF KUEHN Naturalization of central European plants in North America: species traits, habitats, propagule pressure, residence time.	THOMAS VAN DE PEER Response of branch architecture to neighborhood competition in a young tree diversity experiment.	HENRIQUE PEREIRA Challenges in global biodiversity monitoring for the next decade.	LAURA TAMBURELLO Triggers and thresholds of multiple shifts between benthic assemblages of Mediterranean shallow rocky reefs	JOSÉ M. BLANCO - MORENO Landscape complexity, organic agriculture and field margin density: what is good for pollinators is good for plant pollination?
09:45-10:00	MANUEL STEINBAUER What drives richness and diversification on islands - isolation vs environment			SIMONE MEREU Using approximal sensing in tree diversity experiments		TAMARA CIBIC Ecosystem functioning nearby the largest steelworks in Europe and the main Italian naval base: the study case of the Mar Piccolo of Taranto	BENOIT FONTAINE Impact of agricultural landscapes on butterfly communities in France
10:00-10:15	MICHAEL K. BORREGARD Towards a constitutive theory of island biogeography	ALICIA LEDO Above-ground biomass assessment from long-term field data	JOÃO HONRADO Biological invasions in local social-ecological systems: from pattern and process to risk management and governance.	EVALYNE W. MUIRURI Do birds see the forest for the trees? Scale-dependent effects of tree diversity on avian predation of artificial larvae.	MARTIN WIKELSKI Animals as global intelligent sensing network.	LUCIA BONGIORNI Effect of acidification on benthic prokaryotes diversity and functioning in a shallow-water CO2 vent field (Fayal Island, NE Atlantic)	MANUELA ABELHO Effects of agricultural practices on soil microbial biomass C/NP content: a preliminary case-study
10:15-10:30	JENS M. OLESEN The biotic interaction structure of an island landscape, especially in relation to link multiplicity	MARION PFEIFER Old data, new data and complex models to quantify structure and biodiversity responses to tropical forest degradation		ANDREW R. SMITH The outcome of ecosystem manipulation by elevating atmospheric CO ₂ is influenced by tree identity and mixture.		GRETA MINELGAITE Benthic diatom abundance and diversity in urban stormwater ponds	JANIS VENTINS Afforestation effect on the soil microarthropod communities in the former agricultural lands in Vidzeme Upland
10:30-11:00	Coffee break/Poster Session						
11:00-11:15	LEONARDO DAPPORTO Community structure and complete phylogeography of butterflies from western circum-Sicilian islands reveal biogeographic processes and selective loss of diversity	LARS MARKESTEIJN Natural enemies shape changes in plant diversity across a humidity gradient in central Panama	ANN MILBAU Plant invasions at high altitudes and high latitudes: what drives them and how to manage them?	OLGA FERLIAN The role of mycorrhizae in tree diversity effects on ecosystem functioning and trophic interactions – the MyDiv research platform.	JENS KATTGE Semantic integration towards data interoperability.	AICHA BEYA MAMMERIA The white stork <i>Ciconia ciconia</i> (Linnaeus, 1758) in the wetlands of north-east of Algeria.	COSTANTINA BARBARISI Relationships among soil properties, functional leaf traits, fruits and oil quality in different cultivars of <i>Olea europaea</i> L.
11:15-11:30	ALESSANDRO CHIARUCCI A century of floristic changes in the Tuscan Archipelago: human and scale effects	GUILLE PEGUERO Host specificity along latitudinal gradients: the case of acorn weevils in the neotropics	JOANA VICENTE Modelling land use dynamics and landscape invisibility by alien plants under contrasting social-ecological scenarios.	DOUGLAS L. GODBOLD Tree species identity influences the vertical distribution of the labile and recalcitrant carbon in a temperate deciduous forest soil.	JANNE S. KOTIAHO Critically needed next steps for increasing quality and efficiency in peer-reviewing.	LISA TENNING LIFE to ad(d)mir(e), mire restorations in Sweden	HENRY ALEXANDER BUSTOS RODRIGUEZ Spatial distribution of greenhouse whiteflies in tomato crops
11:30-11:45	RUBEN HELENO Do dispersal syndromes matter? Inter-island plant dispersal in the Canaries, Galapagos and Azores	FLORIAN WITTMANN Why rivers make the difference: a review on the phylogeography of river wetlands in the Amazon basin	LUÍS SILVA Could biomass valorization enhance containment of widespread plant invaders?	SARA BARANTAL Relative importance of tree species and genetic diversity for anti-herbivore defences and insect herbivory in boreal forests	ANDREW P. BECKERMAN Ask not what your society can do for you, but what you can do for your society.	PAOLO COLANGELO Non-native species in Italian freshwater habitats: a macroecological assessment of invasion drivers	ANTONIETTA LA TERZA The bioprint pilot project: <i>Ciliated</i> protozoa communities as a tool to assess soil quality in agroecosystems and natural sites of Marche region (Italy)
11:45-12:00	SANDRA NOGUE' Palaeoecology and islands	LUIS CAYUELA What do we know about tropical biodiversity?	ANA SOFIA VAZ The use of multidisciplinary research for assessing and managing biological invasions - a review	SIMONE CESARZ Biodiversity effects on soil microbial respiration in a global network of tree diversity experiments.	DAVID W. INOUEYE The past and future of communication among ecologists.	CLARA LUJAN MARTINEZ Build-up of virtual research environments to assess different managerial options for Mediterranean river basins and estuaries preservation	AGNÉS ARDANUY GABARRA A maize trophic chain indicator of agricultural management change on biological control
12:00-12:15	JAIRO PATIÑO Approximate Bayesian Computation reveals the crucial role of oceanic islands for the assembly of continental biodiversity	KHAIRIL MAHMUD Cometites of foliar AI accumulation among populations of the AI accumulator plant <i>Melastoma malabathricum</i> L. (Melastomataceae) in response to soil chemistry and AI application	ANDREAS MENZEL Mycorrhizal status helps explaining invasion success of neophyte plant species in Germany	JULIA KORICHEVA Effects of plant genetic diversity on arthropods: a meta-analysis.		ROBERTA BOTTARIN Alpine headwaters as climate change observatories	GIULIA MAISTO Differentiated metal accumulation in <i>Helianthus annuus</i> L. and <i>Sorghum bicolor</i> L. grown in the field under Mediterranean climate condition
12:15-12:30	GIOVANNI STRONA Hosts as islands?	GEMA ESCRIBANO-AVILA Potential seed dispersal network of the Tumbesian dry forest: the implications of fruit and body size	LOHENGRIN CAVIERES Assessing impacts of plant invasions in alpine habitats of the central Chilean Andes	FILIPPO BUSSOTTI Photosynthetic efficiency of forest trees is influenced by ecological factors, stand structure and tree diversity in European forests.	Panel discussion and conclusions	ANDREJA BRIGIC Riparian zone of a temporary river: hot spot for carabid beetle biodiversity in submediterranean karst	EMMANUELLE PORCHER Crop genetic diversity benefits farmland biodiversity and ecosystem services in cultivated fields

12:30-12:45	Plenary lecture - The effects of climate change on phenology of wildflowers and animals in the Colorado Rocky Mountains - D. Inouye	BART MUYLS Meta-analysis of tree survival in biodiversity across the global network TreeDivNet.		Plenary lecture - The effects of climate change on phenology of wildflowers and animals in the Colorado Rocky Mountains - D. Inouye		
12:45-13:00		KRIS VERHEYEN Common gardens of the 21st century: contribution of tree diversity experiments to sustainable reforestation.				
13:00-13:15						
13:15-14:15	Lunch/Poster Session		Conclusions	Lunch/Poster Session		
14:15-15:45	Frontiers and future perspectives for ecological research - Round Table					
15:45-16:30	Plenary lecture - Global change and ecosystem response: Cross-scale interactions and the chain of uncertainties - A. Provenzale					
16:30-17:00	Coffee break/Poster Session					
17:00-17:45	Plenary lecture - Metabolism of Megacities - C. Kennedy		COMBINING EARTH OBSERVATIONS WITH EXPERIMENTAL STUDIES FOR DEVELOPING SUSTAINABLE ECOSYSTEM SERVICES AND NATURAL RESOURCES How to use natural ecosystems for coastal defense: understanding ecosystem creation & dynamics TJEERD BOUMA (starting at 17.30)	Plenary lecture - Metabolism of Megacities - C. Kennedy		
17:45-18:00	Meeting of the President of Ecological Societies	JOHN HALLEY The speed of biodiversity decay in fragmented landscapes	CANAN KARAKOÇ Understanding community assembly mechanisms and functioning through integrative approaches	BRUNO CARREIRA Climate change increases herbivory in ectothermic arthropods	CHRISTOPHER SMALL A Prototype Environmental Monitoring System for the Sundarbans Forest and Adjacent Communities of the Ganges-Brahmaputra Delta	LINE JOHANSEN The effect of land-use change of ecosystem services in semi-natural boreal ecosystems
18:00-18:15		MARKOS AVLONITIS Stochastic differential equations and outbreaks modeling	ARANTZAZU LUZURIAGA Functional vs. phylogenetic perspectives of the assembly process in gypsum communities along an aridity gradient	ILSE CORKERY Predicting the likely impacts of future afforestation on birds of conservation concern	EMILIANA VALENTINI Using the satellite image archives for coastal and marine ecosystems services monitoring	SONIA CHAMIZO Assessment of carbon sequestration in olive orchards using eddy covariance techniques - with and without weed cover
18:15-18:30		FABIO BOZZEDA Non-linear power law approach for spatial and temporal pattern analysis of salt marsh evolution	MIGUEL BERDUGO Vegetation spatial patterns identify alternative multifunctionality states in global drylands	SALVADOR ALJAZAIRI Preindustrial, present and future [CO2] effects on wheat are modulate by water availability	M. LUISA MARTINEZ Coastal protection: a sustainable ecosystem service?	FRANCISCA RUANO The effect of insecticide use on the aerial food webs of olive crops
18:30-18:45		LORENZO MARI Assessing the predictive ability of mechanistic models for the Haitian cholera epidemic	ANTONIO ARROYO Allelopathic effect of <i>A. herbabai</i> on soil seed bank in a semi-arid plant community, NE Spain		EL SERAFY Data Assimilation of Remote Sensing Images in a Portable Operational Forecasting Blooms System: Study case Algae Blooms in the North Sea	DEVRA JARVIS Enhanced use of crop varietal diversity to manage pests and diseases in agricultural ecosystems
18:45-19:00		FRANCESCO COZZOLI Body size - abundance scaling relationships in benthic community: a deeper insight	FRANK BERENDSE Spatial self-organization stabilizes dynamics of plant communities		ANDREA TARAMELLI Deltaic margins vulnerability: the role of landscape patches in flood regulation and climate adaptation	MARGARET HAYES Assessing the biodiversity value of wet grasslands: can selected plant and insect taxa be used as rapid indicators of species richness at a local scale?

Symposium	Population & Community Ecology + Food and webs	Round Table	Ecological Modelling + Body Sizes Allometries and Patterns
Biogeography and Landscape Ecology	Macroecology & Scaling	Biogeochemistry in Terrestrial & Aquatic Ecosystem	Ecology & Society

08:30-08:45	VITO VOLTERRA SYMPOSIUM ON MATHEMATICAL MODELS IN ECOLOGY	LONG TERM ECOLOGICAL RESEARCH (LTER) – THE EUROPEAN PERSPECTIVE. S.KLOTZ	THE CHALLENGE OF MANAGING MULTIPLE STRESSORS IN MARINE REGIONS: SUCCESS STORIES, OPPORTUNITIES FOR ACTION AND GAPS OF KNOWLEDGE. Cumulative human impacts in marine ecosystems: setting priorities for regional conservation planning FIorenza MICHELI	SOIL QUALITY AND HEALTH Plant-microbial interactions in a Mediterranean ecosystem lead to short-circuited soil N cycle. SIMONA CASTALDI	NEW EMERGING DRIVERS OF CARBON AND NUTRIENT CYCLES UNDER A DRIER AND WARMER CLIMATE J.GRUENZWEIG, A.REY	HIGH NATURE VALUE FARMLAND: TOWARDS MORE EFFECTIVE CONSERVATION AND MONITORING OF BIODIVERSITY ACROSS EUROPEAN LANDSCAPES.	ECOLOGISTS' STRATEGIES AT SCIENCE-POLICY INTERFACES: HOW CAN SOCIAL SCIENCES HELP? ALEKSANDAR RANKOVIC
08:45-09:00	MARINO GATTO Opening remarks	MICHAEL MIRTL eLTER – European Backbone infrastructure for integrated long-term ecosystem, critical zone and socio-ecological system research	SIMONETTA FRASCHETTI Gaps of knowledge and limitations in marine/maritime spatial planning: a lesson from the Mediterranean Sea		FERNANDO TOMÁS MAESTRE Biotic attributes as drivers of nutrient cycling in drylands under global change.	DAVY McCracken Identifying and supporting High Nature Value farming systems: an overview	STEPHEN BOCKING Ecology and environmental conservation: a long history of interaction
09:00-09:15	ANDREA PUGLIESE Models for resource competition: a brief personal review.		LAURA AIROLDI Besides mitigation and adaptation: managing for synergistic interactions between local and global stressors as resilience approach to climate change policies	MAARJA ÖPIK Diversity of arbuscular mycorrhizal fungi in human-impacted and natural habitats.		ANGELA LOMBA Looking back and the way forward: assessing the vulnerability and resilience of High Nature Value farmlands in time	
09:15-09:30			SIMON TRUSH Multiple stressors and thresholds in real world marine ecosystems				LAURENT MERMET Different in terms of disciplines or differing about conservation goals? The variable meaning of collaboration between ecologists and social scientists.
09:30-09:45	FERENC JORDAN Key players in ecological interaction networks: from graph theory to conservation.	INGOLF KUEHN Aims and challenges of the scientific analyses of long-term ecological research	ELENA GISSI How to apply an ecosystem-based approach using ecosystem services mapping to Maritime Spatial Planning. Learning from ADRIPLAN	PAOLA BONFANTE At the root of plant health and nutrition: the role of arbuscular mycorrhizas.		SEBASTIAN KLIMEK High Nature Value farming: from indication to conservation	
09:45-10:00	LUCA BOLZONI The role of heterogeneity on the invasion probability of mosquito-borne diseases in multi-host models.	DARIO FORNARA Long-term ecological research on soil carbon sequestration: evidence from three European grassland experiments.	VASSILIKI VASSILOPOULOU MSP as a tool to minimize conflicts between human activities and ecosystem components: examples from Greek waters		MICHAEL BAHN Ecosystem carbon and nitrogen dynamics in response to climate extremes.		ALICE VADROT Interfacing conservation science and biodiversity politics: what impact the IPBES, what impact the individual researcher?
10:00-10:15	LORENZO MARI Floquet theory for seasonally forced models of waterborne pathogen transmission.		GABRIELE PRATI Public perceptions of beach nourishment and conflict management strategies: a case study of Portonovo Bay in the Adriatic Italian Coast	GIULIANO BONANOMI Inhibitory effects of extracellular self-DNA: a new mechanism for negative plant-soil feedbacks and soil sickness.		JAMES MORAN Supporting HNV farmland conservation: lessons learnt and future needs for science into policy and practice	YANN LAURANS Economists and ecologists as contributors in multi-dimensional decision-making processes
10:15-10:30	ROBERTO ROSA' Modelling the effects of tick-host interaction on pathogen dynamics: TBE as a case study.	MARK FRENZEL Long-term bee and bird communities observation in agricultural landscapes: what are the drivers of temporal changes?	STEFANO FOCARDI A bio-economic model of the value of the ecosystem services provided by <i>Posidonia</i> meadows		Yael NAVON Microbial decomposition of plant litter under dry conditions.		JULIETTE YOUNG Embedding ecology into policy contexts
10:30-11:00	Coffee break/Poster Session						
11:00-11:15	ANTONELLO PROVENZALE Rainfall intermittency and savanna dynamics.	MARTIN FORSIUS Changes in retention of sulphur and nitrogen compounds at 18 European LTER/CP-IM SITES in 1990-2012	CHIARA RAVAGLIOLI Compounded effects of ocean acidification and nutrient enrichment on the seagrass <i>Posidonia oceanica</i> and the associated epiphytic community	KLAUS BUTTERBACH-BAHL Modeling soil functions and indicators of soil health with biogeochemical models – current approaches and knowledge gaps.	JAY ARNONE Processes driving the ecosystem carbon balance in North American deserts under climate change.	PAMELA BOYLE Development of a nature value index for pastoral farmland – a rapid farm-level assessment.	ZOE NISSA When good intentions fail: a systematic analysis of conservation outcomes and suggestions for improvement
11:15-11:30	VLASTIMIL KRIVAN On the Lotka-Volterra population games.		GIULIA CECCHERELLI Lack of recruitment, sand burial and spread of introduced plants regulate the recovery of natural and anthropic bare patches in coastal dunes			CAROLINE SULLIVAN National distribution and typologies of High Nature Value (HNV) farmland in Ireland and how this can aid targeting	FANNY GUILLET Strategic intervention for enhancing conservation NGOs actions - the case of an ecological research foundation, la Tour du Valat, France
11:30-11:45	FRANCESCO PAPARELLA Biological control of the chestnut gall wasp with <i>T. sinensis</i> : a mathematical model	MATHIAS KUEMMERLEN Insights from long-term monitoring data in freshwater species distribution models: predictions for stream macroinvertebrates in the German LTER-SITE Rhine-main observatory	GABRIELE PROCACCINI Applying molecular tools to decision making for marine ecosystem conservation. The case of the seagrass meadows	JUAN J. JIMÉNEZ Soil fauna: key to soil organic matter dynamics and modelling.	DAN YAKIR Tradeoffs between ecosystem carbon sequestration and surface radiation budget under dry conditions.	XAVIER POUX The map and the territory – findings from the characterization of HNV farming in France	AUDREY COREAU Is strategic reflexivity useful for researchers in ecology? The example of a partnership with a conservation NGO
11:45-12:00						CARLOS GUERRA Challenges in monitoring the high nature value of Mediterranean extensive silvo-pastoral farm systems	
12:00-12:15	Conclusions and discussion	ALESSANDRA PUGNETTI Riding through ecosystems and biodiversity: long-term Italian ecosystem research for the citizens	Conclusions	Final remarks and conclusions	GABRIELE GUIDOLOTI Warming-induced stimulation of carbon uptake in a Mediterranean garigue: a possible involvement of nitrogen cycle.	European Forum on Nature Conservation and Pastoralism (EFNCP): High Nature Value farmlands: towards more effective conservation and monitoring of biodiversity across European landscapes (Round Table & Discussion)	Conclusions
12:15-12:30		HALADA LUBOŠ LTER platform Poland (Slovakia) undergoes significant changes					

12:30-13:15	Plenary lecture - Volterra's legacy: variations and fluctuations in the numbers of coexisting species - J. Huisman					
13:15-14:15	Lunch/Poster Session				Lunch/Poster Session	
14:15-15:00	Plenary lecture - Patterns of Plant Invasions in and from Central Europe - I. Kuehn				Plenary lecture - Patterns of Plant Invasions in and from Central Europe - I. Kuehn	
15:00-16:30	Enhancing synergies among Research Infrastructures and Joint Programming Initiatives on key environmental priorities - Round table	ILTER Nitrogen Initiative (13:45 - 16:00)	ILTER Carbon Initiative (13:45 - 16:00)	The emergence of wicked problems in coupled human and natural systems: contributions of the ILTER to a partnership (13:45 - 16:00)	Enhancing synergies among Research Infrastructures and Joint Programming Initiatives on key environmental priorities - Round table	
16:30-16:45	Coffee break/Poster Session	LONG-TERM ECOLOGICAL RESEARCH: ENVIRONMENTAL SIGNALS AND LARGE SCALE INSIGHTS FROM A GLOBAL NETWORK – ILTER HIDEAKI SHIBATA Introduction	Coffee break/Poster Session			
16:45-17:00						
17:00-17:15	SUSTAINABILITY EDUCATION FOR A NEW CITIZENSHIP C. LORENZI and G. BARBIERO	Effects of changing land use and climate on grassland biogeochemistry in the Austrian Alps	HAKAN DOYGUN The effects of landscape diversity and landscape character changes on landscape functions	SANDRO AZAELE Linking and predicting biodiversity patterns from fine to large spatial scales	GIAN MARCO PALAMARA The interacting effects of parameter uncertainty and demographic stochasticity on the establishment success of introduced species, and our ability to predict them	NATALIE MACHON What are the drivers that shape composition and dynamics of the plant communities around street trees in urban zones?
17:15-17:30	ANASTELLA GAMBINI Ecological aspects in food education.	GIUSEPPE ARDUINO UNESCO International Hydrological Programme – Ecohydrology, engineering harmony for a sustainable world	MARCO GIRARDELLO Climatic stability, evolutionary history and global patterns in mammal functional diversity	ROXANNE LEBERGER Mapping forested areas with most unique features. Are they hosting most endemic forest bird species?	CATERINA PENONE Can I trust my models? Sensic: an R package for model diagnostics in comparative biology	TAKASHI SAITOH Population dynamics of Hokkaido voles leads to Taylor's law
17:30-17:45	Yael NAVOL School children monitor the environment and develop care and understanding of nature within the framework of the LTER-EDU Program		PASCAL MARTY Spatial structuration of anthropogenic drivers of environmental change in coastal areas	EMILIO RODRIGUEZ-CABALLERO Do biocrusts need to be considered in drylands monitoring (by means of remote sensing techniques)?	RICCARDO FORNAROLI Optimal flow for brown trout: habitat - prey optimization	ALESSANDRO CAU Deep dwelling population of mediterranean red coral: back to the future
17:45-18:00	MARIA VARSAMA Teaching pre-school children about sustainability through movies	MARK SUTTON Nitrogen cycle – LTER challenges and INI perspectives	GEORGIOS VASIOS Analyzing spatial distribution of plant species in a Mediterranean island: a geostatistical approach	PHILIPP SEMENCHUK Soil CO2 emissions change after climate change experiment in the Arctic	DAMIANO RIGHETTI Species distribution modelling applied to the open ocean: global trends and uncertainties in phytoplankton richness patterns	ROCIO TARQUELO Interspecific density-dependent habitat selection and the role of secondary habitats in steppe birds
18:00-18:15	FRANCA SANGIORGIO Discovering ecology through Research Game		ROSA CHEFAOUI Landscape metrics as indicators of coastal morphology and its use in ecological niche modelling of seagrass species.	YOLANDA CANTON CASTILLA Analyzing pulse-dynamic of CO2 fluxes on biocrusts	VALENTINA ASNAGHI Modelling of <i>Ostreopsis cf. ovata</i> bloom events from meteorological data	FRANCESCO I. PUGNAIRE Influence of soil microbial communities on plant competition
18:15-18:30	FLAVIA BARTOCCIONI When citizens do science: an overview of public participation in scientific research in Italy	Discussion	SILVIO MARTA Mountain biogeography: does the temporal evolution in "sky island" area matter?	ELISA SOANA Nitrogen sources, export and internal buffer in watersheds with multiple anthropogenic pressures: comparison among tributaries of the Po river system (northern Italy)	PETER JORGENSEN Ecology & society: applying evolutionary biology to address global challenges	JARAD MELLARD On the season-diversity relationship
18:30-18:45	GIUSEPPE BARBIERO Affective ecology for sustainability	GIORGIO MATTEUCCI LTER Italy: a really trans-domain, trans-disciplinary LTER network	ANNE MIMET The importance of private greenspaces for ecological connectivity in Paris: the example of <i>Pipistrellus pipistrellus</i>	VALERIA CENINI Effects of nitrogen fertilization on microbial enzyme activity and the carbon sequestration ability of grassland soils	ANNE DOZIERES Bringing together scientists and reintegrated gardeners: the use of citizen science to enhance conservation education	MARINA SEMCHENKO The role of local biotic adaptation in structuring plant communities
18:45-19:00	Discussion	ANTONELLO PROVENZALE Long-term ecological research at the Gran Paradiso National Park (GNP), Italy	BRUNA GUMIERO Diachronical analysis of river mesohabitat and riparian vegetation evolution: (Panaro river case study).	ALEKSANDAR RANKOVIC The δ15n signature of pollinating insects along an urbanization gradient in the Ile-de-France region	EMANUELA MAURIZI Monitoring the insects and public involvement: the challenge of the life project "MFP"	JOEL TREXLER Identifying thresholds in wetland fish community dynamics in response to altered hydroperiods

SITE Board meeting

Conservation Ecology	Ecosystem services & societal benefits	Population & Community Ecology + Food and webs
Physiological Ecology	Symposium	Round Table

08:30-9:15 Plenary lecture - Vulnerability and resilience of coastal ecosystems and fisheries to climate change - F. Micheli						
09:15-09:30	NETWORKS OF MARINE PROTECTED AREAS IN THE MEDITERRANEAN AND THE BLACK SEAS: THE CoCoNet PROJECT	ESTER POLAINA The different meanings of land use and land use intensity for mammalian conservation across the world	STABLE ISOTOPES IN ECOLOGY: CROSSING BOUNDARIES ACROSS DISCIPLINES AND SCALES SARA PALACIO	AMBER HILL Role of dew in desert plants		VASILEIOS ASCHONITIS Assessment of ecological thresholds between and within macroinvertebrate metacommunities of lotic systems
09:30-09:45	MPA Networks in the Mediterranean and Black Seas and the feasibility of Offshore Wind Farms FERDINANDO BOERO	INOCENCIO E. BUOT, JR Human disturbances and plant responses across elevational gradients of selected Philippine mountain forests: a proposal for biodiversity education using open and distance e-learning	HENRIK HARTMANN Stable carbon isotope labeling: a versatile tool in research on plant allocation	FRIDA PIPER Seasonal dynamics of carbon storage in southern South American trees	PAVOL ELIAS Deductive and inductive approaches to identifying, mapping and valuating of ecosystem services in rural landscape	SONIA MERINERO When there's a crowd: effects of parasitism on symbiotic organisms
09:45-10:00	SIMONETTA FRASCETTI Beta-diversity, connectivity, and resilience potential in shallow subtidal assemblages	JOSE VALDEZ The industrialization of a frog: determining the factors influencing an endangered amphibian's distribution towards industrialized landscapes		VICTOR RESCO DE DIOS Imprint of short term memory from circadian oscillators on leaf to ecosystem flux dynamics	CARLOS GUERRA Policy impacts on regulating ecosystem services: looking at the implications of 60 years of landscape change on soil erosion prevention in a mediterranean silvo-pastoral system.	LUISA GIARI Parasite introduction by translocation of infected fish: the case of <i>Acanthocephalus minieris</i>
10:00-10:15	ENRIQUE MACPHERSON Threats to environmental integrity	AIMARA PLANILLO Relative importance of human disturbance and natural environment for rabbit abundance on motorway verges.	SALVADOR ALJAZAIRI C and N allocation on traditional and modern wheat varieties under preindustrial, current and future [CO ₂] using stable isotopes	ALESSANDRO BELLINO The ecophysiology of photosynthesis in mixotrophic plants	ANDRÁS BALDI The future of some ecosystem services in central European farmlands	TAISSA PEREIRA DOS SANTOS How distinct is the neglected dengue virus circulation among <i>Aedes aegypti</i> mosquitoes in nature?
10:15-10:30	LORENZO ZANE Connectivity as the key for networks of MPAs	TOMMASO RUSSO Tracking and analysing fishing effort in space and time: state-of-the-art sources and methods to investigate and control fisheries impacts towards sustainable management	ALBA ANANDÓN - ROSELL Effects of experimental summer drought on the carbon allocation of two dwarf shrub species in the Central Alps		FAUSTO MANES Air quality improvement by urban and periurban vegetation in the metropolitan area of Rome. An ecosystem service perspective	ROBERT COPE Analysis of environmental matching for the prediction of invasion risk
10:30-11:00	Coffee break/Poster Session					
11:00-11:15	GUGLIELMO LETTERIO CocoNet Project: The role of the zooplankton in the MPAs connectivity of the South Adriatic Sea	STEFANIA LISCO The physical features of the Sabellaria spinulosa reef in the northern Gargano Promontory (Adriatic Sea, southern Italy)	CHRISTIAN C. VOIGT Stable isotope ratios of hydrogen separate mammals of aquatic and terrestrial food webs	Roma e le sue acque. Verso una progettualità - Round Table	SIMONA VIEIRA Environmental perception and livelihood knowledge in a payment for environmental services project in the Brazilian Atlantic forest.	MARIA TSIAFOULI Intensive agriculture negatively affects the herbivore channel in soil
11:15-11:30	TAKVOR SOUKISSIAN Offshore Wind Farms and Marine Protected Areas: integration in the context of the FP7 COCONET Project	MANUEL MARRA Habitat suitability model for the loggerhead turtle, <i>Caretta caretta</i> (L., 1758) along the Apulian coastline			MARCO MARCELLI A working tool to support natural capital estimation and decision making in marine coastal areas	STEFANOS SGARDELIS Responses of nematodes to climate: a trait-based approach
11:30-11:45	PACO MELIA' Measuring community connectivity in the Adriatic and Ionian Seas	SLZABOLCS LENGYE Rewilding the landscape: effects of large-scale restoration and management of grassland and marsh ecosystems on animals	SARA PALACIO Unravelling water sources in gypsum plant communities through the use of stable isotopes		PIERPAOLO FRANZESE Interplay between ecological and socio-economic systems: a systems perspective integrating environmental accounting and ecosystem services assessment	ROCIO BELINCHON Dispersal limitation of an epiphytic lichen in a managed boreal mixed-wood landscape
11:45-12:00	PAUL GORIUP Socio-economic aspects of networks of MPAs	SILVIA GIULIO Multi-Scale GIS and statistic analysis of Natura 2000 network highlighting current vulnerabilities and peculiarities to improve biodiversity conservation in Mediterranean regions.	PAULA MARTÍN-GÓMEZ Is uncoupling between soil and xylem water isotopic signatures actually occurring?		KARIM-ALY KASSAM The role of diversity in sustaining indigenous food security under climate change	RENATO CASAGRANDE Trophic changes and food web dynamics in Lake Maggiore (Italy)
12:00-12:15	FEDERICA FOGLINI Geodatabase and WebGIS for data management and knowledge integration in the framework of the COCONET project (Towards COast to COast NEtworks of marine protected areas coupled with Sea based Marine energy Potential)	ERIKA PORPORATO Ecological consequences of spatial and temporal variation of frequency and intensity of disturbance	JUAN PEDRO FERRIO Trade-offs among life functions constrain adaptive variation in <i>Pinus halepensis</i> mill.: a perspective from stable isotopes		LASSE RUOKOLAINEN Natural immunity: green space, your microbes, and your health are related	ELISA THEBAULT Trophic groups and modules: two levels of group detection in food webs
12:15-12:30	Questions	MEREDITH ROOT-BERNSTEIN How small is an ecosystem process?	CRISTINA MAGUAS Stable isotopes: A tool for understanding coastal dune forests' functioning under scenarios of global change		ELISA NIRO Do tree crops enhance soil C sequestration and C allocation to more stable SOM farms compared with non-tree crops?	COLIN FONTAINE Comparing the conservatism of ecological interactions in plant-pollinator and plant-herbivore networks
12:30-12:45	Conclusions		ELENA GRANDA Intra-annual tree ring δ ¹³ C across time: tracking the responses of <i>Q. petraea</i> to climatic variation		RICHARD GUNTON Enlarging the ecosystem services framework	MARIA CRISTINA MANGANO Trawling disturbance effects on coexistence processes: evidences from stable isotopes
12:45-13:00			Conclusions		ARISTOMENIS KARAGEORGIS Development of intelligent GIS tools in support to MSFD: achievements of IRIS-SES Project	ULGEN AYTAN Food microbial food web dynamics in coastal waters of the south eastern Black Sea: mixing versus stratification period
13:00-13:15					MANSOUR AMROUN Comparison of the trophic ecology of two mammals: the wild boar <i>Sus scrofa</i> L. 1758 and the porcupine <i>Hystrix cristata</i> L. 1758 in the northern slope of Djurdjura (north of Algeria).	
13:15-14:00	Closing Ceremony					