



NATURE BASED SOLUTIONS
FOR A SUSTAINABLE FUTURE

International Conference

Rome, 29th and 30th May 2024

Auditorium Biblioteca Nazionale
Viale Castro Pretorio, 105 - 00161 - Roma

*«I believe that every town should have a park, or rather a primitive forest,
of five hundred or a thousand acres, in one block or more areas,
where no branch is ever cut for fuel, or for building ships,
or for making wagons, but stands and decays
for higher uses - a common possession for education and recreation»*

(Henry David Thoreau, Journal - October 15, 1859)

INTRODUCTION

OF THE APPROXIMATELY 8 BILLION PEOPLE INHABITING THE PLANET TODAY, 4.4 BILLION LIVE IN CITIES. IF THE CURRENT TREND PERSISTS, THIS FIGURE WILL RISE TO 7 OUT OF 10 BY 2050. URBAN EXPANSION, DRIVEN ALSO BY GROWING CONFLICTS (WITH MORE THAN 50% OF DISPLACED PERSONS LIVING IN URBAN AREAS), INCREASES LAND CONSUMPTION AND CONCURRENTLY RAISES EXPOSURE TO THE EFFECTS OF CLIMATE CHANGE.

THE IUCN HAS ADVOCATED FOR THE **3-30-300 FORMULA** PROPOSED BY THE NATURE-BASED SOLUTIONS INSTITUTE::

- ENSURING THAT AT LEAST **THREE TREES** ARE VISIBLE FROM ONE'S RESIDENCE;
- PLANNING FOR **30%** OF THE SURFACE AREA OF EACH NEIGHBOURHOOD TO BE OCCUPIED BY TREES;
- ACCESSING A PARK OR GREEN SPACE WITHIN A **300 - METER** RADIUS.

THERE ARE NUMEROUS EXEMPLARY CASES OF CITIES ACROSS VARIOUS CONTINENTS INITIATING COMPREHENSIVE PROJECTS TO RETHINK AND REDESIGN THE URBAN ENVIRONMENT TO CONFRONT THE EFFECTS OF CLIMATE CHANGE AND IMPROVE THE QUALITY OF LIFE. HOWEVER, AS OF 2021, ONLY 27% OF THE WORLD'S URBAN CENTRES WITH MORE THAN 500,000 INHABITANTS WERE MODERATELY GREEN.

THE NRRP AND THE ITALIAN URBAN FOREST NETWORK

THE CONFERENCE PROVIDES AN OPPORTUNITY TO BETTER ACQUAINT PROFESSIONALS AND BROADER AUDIENCES WITH EXEMPLARY CASES OF URBAN AND PERI-URBAN FORESTS IN ITALY, EUROPE, AND WORLDWIDE. ADDITIONALLY, THE RESULTS OF THE **MEASURE DEDICATED TO 'URBAN, PERI-URBAN, AND EXTRA-URBAN AFFORESTATION OF THE METROPOLITAN CITIES OF ITALY'** UNDER THE NRRP WILL BE PRESENTED. THIS MEASURE HAS EFFECTIVELY PROMOTED AND IMPLEMENTED A NEW REFORESTATION MODEL BASED ON THE RICHNESS OF EXCLUSIVELY NATIVE TREE AND SHRUB SPECIES CONSISTENT WITH POTENTIAL VEGETATION.

OBJECTIVES AND TOPICS

THE CONFERENCE SPANS TWO DAYS WITH SYMPOSIA AND ROUNDTABLE DISCUSSIONS AIMED AT:

- GATHERING AND DISSEMINATING THE MOST RECENT EVIDENCE AND ESTIMATES REGARDING THE IMPACT THAT GLOBAL WARMING WILL HAVE ON CITIES AND THE CRUCIAL ROLE OF URBAN AND PERI-URBAN AFFORESTATION IN MITIGATING AND ADAPTING TO ITS EFFECTS;
- GATHERING AND DISSEMINATING THE LATEST FINDINGS REGARDING THE BENEFITS OF URBAN AND PERI-URBAN AFFORESTATION FOR HEALTH AND QUALITY OF LIFE (ONE HEALTH);
- PROMOTING AN INTERDISCIPLINARY SCIENTIFIC APPROACH TO URBAN AND PERI-URBAN AFFORESTATION BASED ON CONSISTENCY WITH POTENTIAL VEGETATION AND THE EXCLUSIVE USE OF NATIVE TREE AND SHRUB SPECIES;
- SHOWCASING BEST PRACTICES IN ITALY AND WORLDWIDE REALISED WITH PUBLIC AND PRIVATE FUNDING;
- PRESENTING STRATEGIES AND EXPERIENCES FOR RAISING CITIZEN AWARENESS AND PROMOTING PARTICIPATORY PROCESSES;
- CONTRIBUTING TO A PARADIGM SHIFT: FROM URBAN GREENERY AS "DECORATION" (FRAGILE AND REQUIRING COMPLEX AND COSTLY CARE) OF THE CITY AND PURELY AESTHETIC ELEMENT TO AN ESSENTIAL COMPONENT OF URBAN ECOLOGY;
- REVITALIZING FOREST NURSERY PRODUCTION;
- PROMOTING RESPECT FOR TREES, FOSTERING THE ENJOYMENT OF EXTRA-URBAN FOREST HERITAGE, OUTDOOR EDUCATION, AND BIODIVERSITY AWARENESS.



PROGRAMME

MAY 29TH, 2024

9.00 – 9.30

ARRIVAL OF AUTHORITIES

9.30 – 11.00

WELCOME ADDRESSES

SILVANA DE CAPUA, DEPUTY DIRECTOR NATIONAL LIBRARY OF ROME

INSTITUTIONAL GREETINGS

CHAIR: **CRISTINA GIANNETTI**, HEAD OF PRESS OFFICE CREA

ANDREA RISPOLI, COMMANDER CUFA

PIERLUIGI SANNA, DEPUTY MAYOR METROPOLITAN CITY OF ROME CAPITAL

FRANCESCO ROCCA, PRESIDENT REGIONE LAZIO

SERGIO COSTA, VICE-PRESIDENT OF THE CHAMBER OF DEPUTIES

TEO LUZI, GENERAL COMMANDER OF CARABINIERI

STEFANO LAPORTA, PRESIDENT ISPRA

ANDREA ROCCHI, PRESIDENT CREA

GIOVANNI LEONARDI, DEPARTMENT HEAD ONE HEALTH MINISTRY OF HEALTH (DELEGATED BY THE MINISTER)

MICHELE TALIA, PRESIDENT INU

MAURO UNIFORMI, PRESIDENT COUNCIL OF THE NATIONAL ORDER OF AGRONOMISTS AND FORESTRY DOCTORS

MASSIMILIANO GIANSAITI, PRESIDENT CONFAGRICOLTURA

CRISTIANO FINI, NATIONAL PRESIDENT CIA – ITALIAN FARMERS

GRETHEL AGUILAR, GENERAL MANAGER IUCN (PRERECORDED MESSAGE)

11.00 – 12.00

OPENING CEREMONY

FORESTS IN CITIES: A NEW APPROACH FOR URBAN AND HUMAN REGENERATION

“URBAN FORESTS” CREATED BY APPLYING “NATURE-BASED SOLUTIONS” CAN SIGNIFICANTLY CONTRIBUTE TO MITIGATION AND ADAPTATION TO CLIMATE CHANGE WHILE ENHANCING CITIZENS’ HEALTH AND QUALITY OF LIFE. IN ADDITION TO THE POSITIVE EFFECT ON GLOBAL CLIMATE DYNAMICS, THERE IS ALSO A POSITIVE EFFECT REGARDING PERCEPTIONS AND BEHAVIOURS. THUS, CITIES BECOME ARENAS FOR EXPERIMENTATION AND DEVELOPMENT, WHERE HIGH-NATURAL GREEN SPACES—URBAN FORESTS—PLAY A VITAL AND STRATEGIC ROLE IN URBAN DEVELOPMENT POLICIES.

CHAIR: **RICCARDO MORRI**, PhD COORDINATOR IN “DOCUMENTARY, GEOGRAPHICAL, LINGUISTIC AND LITERARY SCIENCES” UNIVERSITY “LA SAPIENZA” OF ROME

STEFANO BOERI, PRESIDENT “FONDAZIONE PER IL FUTURO DELLE CITTÀ”

URBAN FORESTS AND CITIES

CARLO BLASI, INTERUNIVERSITY RESEARCH CENTER ON “BIODIVERSITY, ECOSYSTEM SERVICES, AND SUSTAINABILITY”

RECOVERING NATIVE FORESTS FOR THE FUTURE OF THE CITIES

MATILDA VAN DEN BOSCH, SENIOR RESEARCHER AT THE BARCELONA INSTITUTE OF GLOBAL HEALTH, SPAIN/EUROPEAN FOREST INSTITUTE BIOCITIES FACILITY

URBAN GREEN SPACES AS NATURE-BASED SOLUTIONS FOR HEALTHY PEOPLE ON A HEALTHY PLANET

12.00 – 13.30

FIRST SYMPOSIUM

ADAPTING TO THE CLIMATE CRISIS, BIODIVERSITY CONSERVATION, AND URBAN PLANNING

URBAN AND PERI-URBAN FORESTATION HAS NOW ASSUMED A STRATEGIC VALUE IN GLOBAL URBAN DEVELOPMENT POLICIES. THIS DETERMINES THE NECESSITY FOR A SCIENTIFIC AND INTERDISCIPLINARY APPROACH TO AVOID REPEATING COMMON MISTAKES OF THE PAST. THE CHALLENGES IMPOSED BY CLIMATE CHANGE REQUIRE A HOLISTIC AND SYSTEMIC APPROACH TO THE URBAN FORESTS, WHICH REPRESENT AN EFFECTIVE AND SUSTAINABLE RESPONSE TO THE EVIDENT TRANSFORMATION OF THE CITY AND ITS URBAN FABRICS AS THE PRIMARY HABITAT FOR MUCH OF THE WORLD’S POPULATION.

CHAIR: **ANTONELLA CANINI**, PROFESSOR OF BOTANY, UNIVERSITY OF ROME TOR VERGATA, PRESIDENT OF THE ITALIAN BOTANICAL SOCIETY
ANTONIO SCINO, CHIEF OF MINISTER’S OFFICE, MINISTRY OF ENVIRONMENT AND ENERGY SECURITY

URBAN REFORESTATION AND GREEN PROTECTION. THE GOALS OF THE NRRP

PEDRO CALAZA, PRESIDENT OF SPANISH ASSOCIATION OF PUBLIC PARKS AND GARDENS, A CORUÑA, SPAIN

GREEN INFRASTRUCTURE, CONSILIENT URBANISM AND HEALTH

LUCINA CARAVAGGI, PROFESSOR AT “LA SAPIENZA” UNIVERSITY OF ROME

IMAGINING ROME THROUGH THE WOODS

MARIA CONCETTA ZOPPI, PROFESSOR EMERITUS OF THE UNIVERSITY OF FLORENCE (DIDA)

ECOLOGICAL URBANITY: COMPLEXITY, CHANGE, RESPONSIBILITY

LORENZO CICCARESE, RESEARCH DIRECTOR, ISPRA AND NATIONAL FOCAL POINT IPBES

MULTILATERAL ENVIRONMENTAL AGREEMENTS INCENTIVISE E GUIDE URBAN FOREST RESTORATION

JERYLEE WILKES ALLEMANN, PRINCIPAL SCIENTIST DELL’EUROPEAN FOREST INSTITUTE – BIOCITIES FACILITY

THE ROLE OF URBAN TREES AND FORESTS IN SUPPORTING THE TRANSITION TO RESILIENT, HEALTHY AND SUSTAINABLE BIOCITIES

13.30 – 14.30

LUNCH

14.30 – 16.30

SECOND SYMPOSIUM

URBAN FORESTS AND CITIZENS' WELL-BEING

STARTING FROM THE MOST RECENT EVIDENCE AND PROJECTIONS ABOUT THE IMPACT THAT GLOBAL WARMING WILL HAVE ON CITIES IN THE FORTHCOMING DECADES (SUCH AS RISING TEMPERATURES AND EXPOSURE TO EXTREME WEATHER EVENTS), IN THIS SYMPOSIUM, THE BENEFITS OF URBAN AND SUBURBAN FORESTRY, BOTH FOR THE CLIMATE AND FOR THE PSYCHOPHYSICAL WELL-BEING OF THE INHABITANTS, WILL BE ADDRESSED. GIVEN THE HIGH SOCIAL COSTS ASSOCIATED WITH THE EXTREME EFFECTS OF CLIMATE CHANGE, URBAN FORESTS CAN BECOME A HIGHLY EFFECTIVE RESPONSE TO THIS CHALLENGE. GREEN SPACES CAN REDUCE URBAN HEAT ISLANDS, POSITIVELY INFLUENCE PHYSICAL AND MENTAL HEALTH, FACILITATE ADAPTATION TO EXTREME HEAT, PROTECT BIODIVERSITY, MITIGATE AIR POLLUTION, ALLEVIATE THE IMPACT OF EXTREME WEATHER EVENTS, AND CONTRIBUTE TO SOCIO-ECONOMIC SUSTAINABLE DEVELOPMENT.

CHAIR: **DARIO MANFELLOTTO**, PRESIDENT, **FADOI FOUNDATION**

MARINO BONAUTO, PROFESSOR AT "LA SAPIENZA" UNIVERSITY OF ROME

THE SOCIAL-PSYCHOLOGICAL IMPACTS OF URBAN FORESTS AND GREEN AREAS

GEMMA CALAMANDREI/FRANCESCA CIRULLI, NATIONAL INSTITUTE OF HEALTH

NATURE-BASED SOLUTIONS FOR MENTAL HEALTH: URBAN FORESTS FOR PROMOTION AND RECOVERY

FRANCESCO DENTALI, PRESIDENT, **FADOI**

PROJECT FADOI/CARABINIERI "UN ALBERO PER LA SALUTE" A TREE FOR HEALTH

PIER MANNUCCIO MANNUCCI, PROFESSOR EMERITUS OF INTERNAL MEDICINE POLICLINIC OF MILAN

GREEN, POLLUTION, AND HEALTH

GIROLAMO SIRCHIA, PROFESSOR AND FORMER MINISTER OF HEALTH POLICLINIC OF MILAN

URBAN PARKS PROTECT HEALTH

ISABELLA ANNESI-MAESANO, DEPUTY DIRECTOR INSTITUT DESBREST OF EPIDEMIOLOGY AND PUBLIC HEALTH, MONTPELLIER (FRANCE)

CLIMATE CHANGE, BIODIVERSITY, AND "URBANOME"

FEDERICA ZABINI, RESEARCHER INSTITUTE OF BIOECONOMY, CNR-IBE

EVIDENCE-BASED FOREST THERAPY: A BENCHMARK FOR URBAN FOREST INITIATIVES FOR HEALTH AND WELLBEING

16.30 – 18.30

ROUND TABLE

FROM THE NRRP TO THE NATIONAL NETWORK OF URBAN FORESTS

EVEN WITHIN ITALY, THERE IS A GROWING DEMAND FOR THE GRADUAL EXPANSION OF AREAS DESIGNATED FOR URBAN AND PERI-URBAN GREEN SPACES. THE NATIONAL URBAN GREENERY STRATEGY OF 2018 ESTABLISHES INCREASING SPACES DEDICATED TO URBAN GREENERY THROUGH THE PRELIMINARY ELIMINATION OF ASPHALT AND THE SUBSEQUENT PLANTING OF NEW FORESTS, WHICH, WITH THEIR POTENTIAL NATURAL VEGETATION, CREATE 'ISLANDS OF NATURALNESS' AND MITIGATE THE EFFECTS OF THE CLIMATE CRISIS. THE EUROPEAN BIODIVERSITY STRATEGY HAS TAKEN UP THESE CRUCIAL OBJECTIVES, THE EUROPEAN FOREST STRATEGY, AND THE GOALS OUTLINED BY THE UN BIODIVERSITY CONFERENCE (COP 15).

CHAIR: **CARLO BLASI**, DIRECTOR OF THE SCIENTIFIC COUNCIL INTERUNIVERSITY RESEARCH CENTER "BIODIVERSITY, ECOSYSTEM SERVICES AND SUSTAINABILITY"

WELCOME ADDRESSES BY LUCIA LEONESSI, GENERAL MANAGER CONFINDUSTRIA CISAMBIENTE

MASSIMO LABRA, PROFESSOR AT THE UNIVERSITY OF MILAN BICOCCA

DIRECTOR GENERAL, NATURAL HERITAGE AND SEA

GIORGIO CENTURELLI, DIRECTOR GENERAL, MINISTRY OF ENVIRONMENT AND ENERGY SECURITY

ISABELLA LIGIA, DIRECTOR OF THE STRATEGIC PLANNING SERVICE, VAS AND NRRP OF THE METROPOLITAN CITY OF CAGLIARI

FRANCO MARIA RAIMONDO, PLANTA/AUTONOMOUS CENTER FOR RESEARCH, DOCUMENTATION AND TRAINING OF PALERMO

GABRIELE BOVO, METROPOLITAN CITY OF TURIN

STEFANO CARTA, DIRECTOR OF THE NRRP DEPARTMENT OF METROPOLITAN CITY OF ROME

LAURA PAPALEO, HEAD OF THE EUROPEAN OFFICE - HEAD OF THE MANAGEMENT, MONITORING AND REPORTING UNIT FOR NRRP/PNC PROJECTS - METROPOLITAN CITY OF GENOVA

SILVIA BIONDINI, NATIONAL CARABINIERI BIODIVERSITY CENTRE, PIEVE SANTO STEFANO

GABRIELE GUIDOLOTTI, RESEARCHER CNR IRET

MAY 30TH, 2024

9.00 – 10.00

OPENING LECTURES

TREES, FORESTS AND CITIES: A MILLENNIAL HISTORY

OBSERVING OUR CITIES, TREES MEASURE THE QUALITY OF MAN'S CONNECTION WITH NATURE IN AN OBVIOUS WAY. AS A CENTRAL ELEMENT OF THE FOREST WITH A SIGNIFICANT AND BELOVED PRESENCE, THE TREE IS ALSO THREATENED BY VANDALISM AND NEGLECT. IT POSSESSES RIGHTS AND DESERVES TO BE DEFENDED FROM CITIZENS. HUMANS HAVE INTERTWINED MUCH OF THEIR HISTORY, ECONOMY AND CULTURE WITH FORESTS, WHICH HAVE PLAYED A CRITICAL ROLE IN BUILDING ENTIRE CIVILISATIONS. GARDENS, VEGETABLE GARDENS, TREES, AND SMALL FOREST AREAS HAVE ACCOMPANIED THE DEVELOPMENT OF OUR CITIES, VISIBLY REFLECTING THE DEGREE OF CIVILISATION ACHIEVED BY SOCIETIES. ANALYSING AND COMPREHENDING THE EVOLUTION OF THE RELATIONSHIP BETWEEN MAN AND FOREST CAN BE CRUCIAL IN REIMAGINING THEIR ROLE IN BUILDING RESILIENT CITIES TODAY.

CHAIR: **PIERLUIGI SASSI**, PRESIDENT OF EARTH DAY ITALIA

GIULIA CANEVA, PROFESSOR AT THE UNIVERSITY OF ROMA TRE

THE TREES AND THE FORESTS IN ANCIENT CULTURES

PAOLO GROSSONI, PROFESSOR EMERITUS AT THE UNIVERSITY OF FLORENCE (DAGRI)

BOTANICAL AND HISTORIC GARDENS AS POSSIBLE SINKS IN STRATEGIES FOR URBAN GREEN CONSERVATION

ROBERT LAVALVA, PRINCIPAL GREENSWARD ADVISORS

THE MARKET, THE FOREST, AND THE CITY

10.00 – 13.00

THIRD SYMPOSIUM

URBAN FORESTS: NATURE-BASED SOLUTIONS AND ECOSYSTEM SERVICES

ESTABLISHING AN URBAN FOREST IS A COMPLEX AND DELICATE OPERATION THAT MUST BE ABLE TO DIFFERENTIATE ITSELF FROM CONVENTIONAL REFORESTATION AND THE CREATION OF URBAN PARKS OR PUBLIC TREES FROM THE BEGINNING OF THE DESIGN STAGE. URBAN FORESTS MUST BE RICH IN BIODIVERSITY, IDEALLY INTERCONNECTED WITH EACH OTHER AND WITH PERI-URBAN NATURAL AREAS. THE CHOICE OF NATIVE SPECIES (TREES, SHRUBS, AND GRASSES) FOSTERS NEW ECOLOGICALLY FUNCTIONAL, SELF-SUFFICIENT, AND RESILIENT FOREST COMPOSITIONS. THE ECOSYSTEM SERVICES PROVIDED BY URBAN FORESTS WILL UNDOUBTEDLY BE ABLE TO SUPPORT SOCIAL DEVELOPMENT AND HUMAN WELL-BEING IN THE CITIES OF THE FUTURE.

CHAIR: **DAVIDE DE LAURENTIS**, CUFA

PAOLA MERCOGLIANO, PRINCIPAL SCIENTIST OF THE EURO-MEDITERRANEAN CENTER ON CLIMATE CHANGE

CLIMATE CHANGE: THE PROBLEM AND SOLUTIONS

ANDREA ROMERO MONTAÑA E CHRISTOPHE BESACIER, FAO ADVISERS

GUIDANCE AND CAPACITY STRENGTHENING FOR EFFECTIVE ECOSYSTEM RESTORATION THROUGH THE DECADE AND BEYOND

CARLO CALFAPIETRA, DIRECTOR OF THE INSTITUTE OF RESEARCH ON TERRESTRIAL ECOSYSTEMS OF CNR

NATURE BASED SOLUTIONS APPROACHES FOR ECOSYSTEM RESTORATION

DAVIES CLIVE, CHAIR OF THE EUROPEAN FORUM ON URBAN FOREST, CONSULTANT TO THE EUROPEAN FOREST INSTITUTE

URBAN FORESTS AS A NATURE BASED SOLUTION

FRANCESCO FERRINI, PROFESSOR AT THE UNIVERSITY OF FLORENCE (DAGRI)

MAXIMISING URBAN FOREST BENEFITS BY ENHANCING BIODIVERSITY AND ECOSYSTEM SERVICE

JOACHIM MAES, EUROPEAN COMMISSION - DIRECTORATE-GENERAL FOR REGIONAL AND URBAN POLICY

GREENING EUROPE'S CITIES: HOW NATURE IN THE CITY SUPPORTS THE GREEN TRANSITION

FAUSTO MANES, PROFESSOR AT "LA SAPIENZA" UNIVERSITY OF ROME

REGULATING ECOSYSTEM SERVICES IN URBAN AREAS

FRANCESCO PETRETTI, PROFESSOR AT THE UNIVERSITY OF PERUGIA

URBAN FORESTS AND BIODIVERSITY CONSERVATION

GIANLUCA PIOVESAN/GIOVANNI QUILGHINI/RAFFAELE MANICONE, UNIVERSITY OF TUSCIA (VT)/CUFA

RECOVERY AND RENATURALIZATION OF COASTAL DUNE ECOSYSTEMS IN RESPONSE TO GLOBAL CHANGES: THE CASE OF FENIGLIA DUNE

VICENTE GUALLART, URBAN PLANNER, FOUNDER INSTITUTE FOR ADVANCED ARCHITECTURE OF CATALONIA, SPAIN

CITIES THAT FOLLOW THE RULES OF NATURE

13.00 – 14.00

LUNCH

14.00 – 16.00

FOURTH SYMPOSIUM

PUBLIC AND PRIVATE IN SUPPORT OF URBAN FORESTS

URBAN FORESTS HAVE BEEN DESCRIBED AS THE "BACKBONE" OF GREEN INFRASTRUCTURE IN CITIES: THEY REPRESENT THE LINK BETWEEN RURAL AND URBAN AREAS AND DRASTICALLY IMPROVE THEIR ENVIRONMENTAL FOOTPRINT. THEREFORE, VARIOUS POLICY-MAKING ENTITIES RESPONSIBLE FOR IDENTIFYING THE MOST EFFECTIVE STRATEGIES TO MITIGATE THE EFFECTS OF CLIMATE CHANGE MUST ENGAGE IN DISCUSSIONS WITH NON-GOVERNMENTAL, SOCIAL, AND BUSINESS ORGANISATIONS. THIS COLLABORATIVE APPROACH IS ESSENTIAL FOR ADDRESSING THE INCREASINGLY URGENT AND COMPLEX CHALLENGES CLIMATE CHANGE POSES.

CHAIR: **PIERMARIA CORONA**, DIRECTOR OF FORESTRY AND WOOD CENTER - CREA

SIMONE BORELLI, HEAD OF URBAN FORESTRY AND COORDINATOR OF THE FAO GREEN CITIES INITIATIVE

THE ROLE OF URBAN FORESTS IN A CHANGING CLIMATE

SACHA M. DE GIOVANNI, PROFESSOR, GEOGRAPHER, AND ENVIRONMENTALIST OF THE ITALIAN ASSOCIATION OF TEACHERS OF GEOGRAPHY (A.I.I.G.)

THE SCHOOL GARDENS AS AN ELEMENT OF DISCONTINUITY ON A METROPOLITAN SCALE

NADA FORBICI, PRESIDENT OF ASSOFLORO ASSOCIATION, COORDINATOR OF THE NATIONAL FLORICULTURE COUNCIL OF COLDIRETTI

ANALYSIS OF THE REVITALISATION OF THE ITALIAN FOREST NURSERY INDUSTRY THROUGH ENTREPRENEURSHIP: MODELS, SYNERGIES, AND CRITICAL ISSUES

MARCO MARCHETTI, PRESIDENT ALBERTALIA FOUNDATION

FROM CITIES BACK TO FOREST

GABRIEL PAES DA SILVA SALES, PROFESSOR AT THE DEPARTMENT OF BIOLOGY, PONTIFICAL CATHOLIC UNIVERSITY OF RIO DE JANEIRO

THE STORY TOLD THROUGH THE TREES: FOREST CONSERVATION IN THE CITY OF RIO DE JANEIRO, BRAZIL, IN TIMES OF CLIMATE EMERGENCY

EDUARDO PINHEIRO, MANAGER, PROTECTED NATURAL AREAS, STATE INSTITUTE OF ENVIRONMENT OF RIO DE JANEIRO, BRAZIL

CHALLENGES AND OPPORTUNITIES IN MANAGING URBAN PROTECTED AREAS IN RIO DE JANEIRO, BRAZIL

FABIO SALBITANO, PROFESSOR OF SILVICULTURE, URBAN FORESTRY, AND URBAN ARBOREAL SYSTEMS AT THE UNIVERSITY OF SASSARI, SCIENTIFIC COORDINATOR OF THE ALBERITALIA FOUNDATION

A TREE AT THE DOORSTEP, A FOREST IN MY MIND: STRATEGIES, GOVERNANCE, AND PARTICIPATION WITH THE URBAN FORESTS IN THE BIOCITIES

ALESSANDRA STEFANI, DIRECTOR GENERAL, MINISTRY OF AGRICULTURE OF FOOD SOVEREIGNTY AND FORESTRY

THE NATIONAL NURSERY SYSTEM SERVES REFORESTATION AND URBAN FORESTATION, CONSIDERING LEGISLATIVE DECREE 34 OF 2018 AND ITS IMPLEMENTING DECREES

16.00-18.00

ROUND TABLE

SOWING KNOWLEDGE AND AWARENESS TOGETHER. URBAN FORESTS AS REGENERATED SPACES

EXPANDING THE SPACE FOR TREES IN CITIES AND REPLACING ASPHALT WITH LIVABLE AND HEALTHY SPACES ALSO IMPLIES EXPANDING THE PLACE THAT NATURE HOLDS IN OUR MINDS AND HEARTS.

EDUCATION ON LEGALITY, ENVIRONMENTAL EDUCATION, AND URBAN ENVIRONMENTAL EDUCATION (OFTEN UNDEREXPLORED AND UNDER-PRACTISED) REPRESENT A SHIFT IN PARADIGM AND BEHAVIOURS, WHICH CAN POTENTIALLY HAVE A POSITIVE INFLUENCE ON OTHER TYPES OF INTERACTION WITH NATURE, SUCH AS OUTDOOR EDUCATION, SUSTAINABLE TOURISM, AND ECOTOURISM. ATTENTION TO THE ENVIRONMENT AND A DEEPER UNDERSTANDING OF NATURAL ECOSYSTEMS INEVITABLY LEAD TO A NEWFOUND AWARENESS OF CONSERVING NATURE LOCALLY AND GLOBALLY

CHAIR: **MARIO SALOMONE**, SECRETARY-GENERAL OF WEEC NETWORK

SEAN SOUTHEY, DIRECTOR, COMMISSION ON EDUCATION AND COMMUNICATION, IUNC

MARIA CHIARA PASTORE, RESEARCHER AT THE POLYTECHNIC UNIVERSITY OF MILAN

ANDREA CASSONE, PRESIDENT, AIAPP

GIORGIO RAFFETTO, CAPELLINO FOUNDATION SECRETARY

AURELIO ANGELINI, PRESIDENT, NATIONAL COMMITTEE FOR EDUCATION FOR SUSTAINABILITY - AGENDA 2030

DARIO PADOVAN, UNESCO CHAIR, UNIVERSITY OF TURIN

PAOLO OREFICE, DIRECTOR, UNESCO TRANSDISCIPLINARY CHAIR ON HUMAN DEVELOPMENT AND CULTURE OF PEACE, UNIVERSITY OF FLORENCE

GIUSEPPE MILANO, JOURNALIST AND SECRETARY OF GREENACCORD

18.00 – 18.30

CLOSING SESSION

CARLO BLASI

ANDREA RISPOLI

18.45

THANKS

THE EVENT IS VALID AS RECOGNITION OF CFP-PROFESSIONAL TRAINING CREDITS FOR MEMBERS OF THE NATIONAL COLLEGE OF AGROTECHNICIANS AND GRADUATE AGROTECHNICIANS

WE ALSO CONFIRM THE EDUCATIONAL ACCREDITATION OF THE EVENT, WHICH WILL BE UPLOADED ON THE SIDAF PLATFORM AND INCLUDED WITHIN THE NATIONAL CATALOG TO GRANT EDUCATIONAL CREDITS FOR AGRONOMISTS AND GRADUATE AGRONOMISTS

THE EVENT, SUBJECT TO THE APPROVAL OF THE ORDER OF JOURNALISTS, WILL ALSO BE INCLUDED ON THE PLATFORM TO ACHIEVE TRAINING CREDITS FOR JOURNALISTS

PHOTOGRAPHIC EXHIBITION

GREEN CITIES

FOUR PHOTOGRAPHERS INTERPRET THE RELATIONSHIP BETWEEN TREES AND THE CITY: ROBERTO BESANA (*MAN, THE ENVIRONMENT, AND THE TREE*), FULVIO BORTOLOZZO (*THE TREE AND THE CITY*), LUCA CHISTÈ (*TREES IN THE CITY*) AND LUCA MASSARI (*CITY PARKS*). THE IMAGES ARE LINKED TO FOUR THEMES OF "THE FOREST CITY": HEALTH AND QUALITY OF LIFE (*ONE HEALTH*); URBAN AND PERI-URBAN FORESTRY; FROM URBAN GREENERY AS A "PIECE OF FURNITURE" FOR THE CITY TO AN ESSENTIAL COMPONENT OF URBAN ECOLOGY; RAISE AWARENESS OF RESPECT FOR TREES, PROMOTE OUTDOOR EDUCATION AND ATTENTION TO BIODIVERSITY. ROBERTO BESANA CURATES THE EXHIBITION.

THE EXHIBITION WILL BE HELD IN COLLABORATION WITH WEEC NETWORK.



IN COOPERATION WITH



MINISTERO DELL'AGRICOLTURA
DELLA SOVRANITÀ ALIMENTARE
E DELLE FORESTE



Ministero dell'Ambiente
e della Sicurezza Energetica

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FUTURO
CITTA'



CIRBIS

MEDIA PARTNER



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POLITECNICO
MILANO 1863



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



UNIVERSITÀ
DEGLI STUDI DELLA
Toscana



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Da un secolo, oltre.

ROMA
TRE
UNIVERSITÀ DEGLI STUDI



TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA



UNISS
UNIVERSITÀ
DEGLI STUDI
DI SASSARI



UNIVERSITÀ
DI CAGLIARI



UNIVERSITÀ
DEGLI STUDI
DI BARI
CONFINDUSTRIA
CISAMBIENTE

CONSIGLIO
DELL'ORDINE NAZIONALE
DEI PERITI EGGIORATI
E DEI PERITI EGGIORATI
Ministero delle Attività



ORDINE DEGLI
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DI ROMA E PROVINCIA



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ASSOFLORO