



World Conference on **Forests for Public Health**

8-11 May 2019

Athens War Museum
Greece

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**Under the Auspices of
H.E. the President of the Hellenic Republic Mr. Prokopios Pavlopoulos**

Scientific Program

PROGRAM OVERVIEW**Wednesday 8 May 2019**

10:00 - 12:00	Walking in the Athens National Garden
12:00 - 18:00	Registrations
18:00 - 20:00	Opening ceremony and Welcome by local and international authorities <i>Coordinator: Dr. Christos Th. Gallis, Greece</i>
	Introductory speech by the President of the Conference "From Hippocrates to Forests for Public Health: A Global Innovative Prospective" <i>Dr. Christos Th. Gallis</i>
	World Health Organization (WHO) "Forests for Public Health and WHO" <i>Dr. Marco Martuzzi, WHO</i>
	Keynote Lectures "The further evolution of restorative environments theory: Integration, elaboration, extension" <i>Prof. Terry Hartig - Sweden</i> "Forest for Public Health and Welfare: Introduction to Forest Policy in Korea" <i>Prof. Won Sop Shin - Republic of Korea</i>
20:00	Welcome cocktail

Thursday 9 May 2019

07:30 - 08:30	Registrations
08:30 - 09:15	Keynote Lecture 1.1 "Introduction of Forest Medicine-Effects of Forest Bathing/Shinrin-Yoku on human health" <i>Dr. Qing Li - Japan</i> <i>Session Chair: Bum-Jin Park - Republic of Korea</i>
09:15 - 10:30	Oral Presentations 1.1 - Forest Medicine, Forest therapy, Health Policies, practices, economics and culture of Forests for Public Health <i>Session Chairs: Bum-Jin Park - Republic of Korea, Qing Li - Japan</i>
10:30 - 11:00	Coffee break
11:00 - 12:30	Oral Presentations 1.2 - Mental Health benefits of exposure to Nature <i>Session Chairs: Kalevi Korpela - Finland, Terry Hartig - Sweden</i>
12:30 - 13:30	Lunch break
13:30 - 14:15	Keynote Lecture 1.2 "Outdoor recreation and nature tourism for public health" <i>Prof. Liisa Tyrväinen - Finland</i> <i>Session Chair: Liz O'Brien - United Kingdom</i>
14:15 - 15:15	Oral Presentations 1.3 - Planning physical activities and human recreation in Forest/Natural environment for Public health <i>Session Chairs: Patrik Grahn - Sweden, Ulrika Stigsdotter - Denmark</i>
15:15 - 15:45	Coffee break
15:45 - 17:00	Oral Presentations 1.4 - Mental Health benefits of exposure to Nature <i>Session Chairs: Kalevi Korpela - Finland, Terry Hartig - Sweden</i>

Friday, 10 May 2019	
08:30 - 09:15	Keynote Lecture 2.1 “Urban Forest-based solutions for Health: opportunities and threats of Doctor Green in our future cities” <i>Prof. Fabio Salbitano - Italy</i> <i>Session Chair: Laura Jackson - United States</i>
09:15 - 10:30	Oral Presentations 2.1 - Urban Forests and their ecosystem services for Public Health <i>Session Chairs: Kim Kyongha - Republic of Korea, Francisco Javier Escobedo - Colombia</i>
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14:30 - 14:45	Coffee break
14:45 - 17:00	Oral Presentations 2.4 - Urban forestry and Green space planning and design for physical activity <i>Session Chairs: Dongying Li - United States, William C. Sullivan - United States</i>
17:00 - 17:15	Coffee break
17:15 - 18:30	Oral Presentations 2.5 - Forest Medicine, Forest therapy, Health Policies, practices, economics and culture of Forests for Public Health <i>Session Chairs: Won Sop Shin - Republic of Korea, Christos Th. Gallis - Greece</i>
18:30 - 19:00	Closing of the Conference - Awards - Closing Ceremony <i>Chair: Dr. Christos Th. Gallis</i>
19:30	Farewell Dinner

E-Posters will be available in large screens, on a rotating basis.

Delegates will be able to access any e-Poster of their choice at any time and as often as they want, during the Conference.

Saturday, 11 May 2019	
08:30 - 18:30	Conference Official Scientific and Cultural All day Tour to Epidaurus Area



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09:15 - 09:30	EFFECTS OF RELAXATION IN THE FOREST MEDICINE PROGRAM OF THE MEDICAL SPA ASSOCIATION - CASE STUDY OF ROGAŠKA SLATINA, SLOVENIA <i>Gorana Isailovic - Serbia</i>
09:30 - 09:45	FOREST THERAPY: AN INTERVENTION FOR ADULTS WHO ARE EXPERIENCING STRESS <i>Shirley Gleeson - Ireland</i>
09:45 - 10:00	FOREST HEALING EFFECTS OF ADOLESCENTS USING PHYSIOLOGICAL INDICATORS <i>Sujin Park - Republic of Korea</i>
10:00 - 10:15	THE STATUS QUO AND PROSPECT OF FOREST THERAPY DEVELOPMENT IN BEIJING <i>Furong Deng - China</i>
10:15 - 10:30	NATIONAL HEALTH SERVICE GREENSPACE IN SCOTLAND: OPPORTUNITIES, BENEFITS AND CHALLENGES IDENTIFIED BY HEALTH SECTOR STAFF <i>Liz O'brien - United Kingdom</i>
10:30 - 11:00	Coffee break

11:00 - 12:30	Oral Presentations 1.2 - Mental Health benefits of exposure to Nature <i>Session Chairs: Kalevi Korpela - Finland, Terry Hartig - Sweden</i>
11:00 - 11:15	PHYSICAL ACTIVITY OUTDOORS AS A MECHANISM LINKING MENTAL HEALTH AND RESIDENTIAL GREEN AND BLUE SPACES IN ENGLAND <i>Tytti Pasanen - United States</i>
11:15 - 11:30	NATURE ENGAGEMENT FOR HEALTH: ENHANCED METHODS TO IMPROVE CONNECTION AND REDUCE STRESS <i>Erik Luvaas - United States</i>
11:30 - 11:45	CLINICAL AND DESIGN APPROACH FOR ASSESSING THE BENEFITS OF THE HORTICULTURE THERAPY PROGRAMME IN THE BELGRADE BOTANICAL GARDEN <i>Maja Vujčić Trkulja - Serbia</i>
11:45 - 12:00	A REMEDY FOR A DISEASE THAT IS NEEDED: THE EFFECTS OF FOREST THERAPY PROGRAM ON MENTAL HOSPITAL PATIENTS <i>Ernest Bielinis - Poland</i>
12:00 - 12:15	EXPOSURE TO NATURE AND CHILDREN WITH AUTISM SPECTRUM DISORDER <i>Dongying Li - United States</i>
12:15 - 12:30	ASSOCIATIONS BETWEEN NEIGHBORHOOD NATURAL FEATURES AND DEPRESSION: A U.S. NATIONAL ANALYSIS <i>Wei-Lun Tsai - United States</i>
12:30 - 13:30	Lunch break
13:30 - 14:15	Keynote Lecture 1.2 “Outdoor recreation and nature tourism for public health” <i>Prof. Liisa Tyrväinen - Finland</i> <i>Session Chair: Liz O'Brien - United Kingdom</i>
14:15 - 15:15	Oral Presentations 1.3 - Planning physical activities and human recreation in Forest/Natural environment for Public health <i>Session Chairs: Patrik Grahn - Sweden, Ulrika Stigsdotter - Denmark</i>
14:15 - 14:30	FORESTS AND OTHER NATURE AREAS AS AN ENVIRONMENT FOR PHYSICAL ACTIVITY: CASE STUDY FROM HELSINKI <i>Marjo Neuvonen - Finland</i>
14:30 - 14:45	MAINSTREAMING A FOREST BASED PHYSICAL ACTIVITY PILOT PROGRAMME: RESULTS AND LESSONS FROM THE ACTIVE FOREST PROGRAMME IN ENGLAND <i>Liz O'Brien - United Kingdom</i>
14:45 - 15:00	URBAN FORESTS CONTRIBUTING TO PHYSICAL ACTIVITY OF RESIDENTS IN HELSINKI, FINLAND <i>Liisa Tyrväinen - Finland</i>
15:00 - 15:15	Discussion
15:15 - 15:45	Coffee break
15:45 - 17:00	Oral Presentations 1.4 - Mental Health benefits of exposure to Nature <i>Session Chairs: Kalevi Korpela - Finland, Terry Hartig - Sweden</i>
15:45 - 16:00	SHORT-TERM EXPOSURE TO THE NATURAL ENVIRONMENT AND DEPRESSIVE MOOD: A SYSTEMATIC REVIEW AND META-ANALYSIS <i>Hannah Roberts - Netherlands</i>
16:00 - 16:15	SIX-STEP PROCESS MODEL OF FOREST HEALING <i>Kyunghee Oh - Republic of Korea</i>
16:15 - 16:30	DO DIFFERENT SCHOOL ENVIRONMENTS EFFECT MENTAL HEALTH OF PUPILS? <i>Brigitte Allex - Austria</i>
16:30 - 16:45	THE EFFECTIVENESS OF THERAPEUTIC RECREATION ON VISITORS' STRESS LEVEL IN SKYTREX ADVENTURE SHAH ALAM, SELANGOR <i>Nor Akmar Abdul Aziz - Malaysia</i>

16:45 - 17:00 Discussion - Closing of the day

Friday, 10 May 2019

08:30 - 09:15	Keynote Lecture 2.1 “Urban Forest-based solutions for Health: opportunities and threats of Doctor Green in our future cities” <i>Prof. Fabio Salbitano - Italy</i> <i>Session Chair: Laura Jackson - United States</i>
09:15 - 10:30	Oral Presentations 2.1 - Urban Forests and their ecosystem services for Public Health <i>Session Chairs: Kim Kyongha - Republic of Korea, Francisco Javier Escobedo - Colombia</i>
09:15 - 09:30	POTENTIALS FOR PROMOTING HEALTH EQUITY THROUGH URBAN FORESTRY: A NATIONAL STUDY OF HISTORICAL INFLUENCES ON TREE CANOPY AND AIR QUALITY IN US CITIES <i>Sima Namin - United States</i>
09:30 - 09:45	RESIDENT’S ATTITUDES TOWARDS POTENTIAL GREEN AREAS INFLUENCE ON THEIR HEALTH – CASE OF THE CITY OF BELGRADE <i>Jelena Tomičević-Dubljević - Serbia</i>
09:45 - 10:00	U.S. ENVIROATLAS PROVIDES FINE-SCALE INDICATORS OF ECOSYSTEM SERVICES FOR PUBLIC HEALTH AND WELL-BEING <i>Laura Jackson - United States</i>
10:00 - 10:15	EXPLORING THE IMPACT OF THE RELATIVE ABUNDANCE OF ALLERGENIC TREES IN FORESTS ON HEALTH-RELATED ECOSYSTEM SERVICES AND DISSERVICES <i>Michiel Stas - Belgium</i>
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee break
11:00 - 12:00	Oral Presentations 2.2 - Urban Forests and their ecosystem services for Public Health <i>Session Chairs: Liisa Tyrväinen - Finland, Francisco Javier Escobedo - Colombia</i>
11:00 - 11:15	DISTINCT ECOSYSTEM SERVICES MAY EXERT PROTECTIVE INFLUENCES ON RATES OF AUTISM VS. SUDDEN UNEXPLAINED DEATH <i>Laura Jackson - United States</i>
11:15 - 11:30	SPORTS EVENTS IN THE FORESTS AROUND WARSAW AND GDAŃSK - COMPARATIVE ANALYSIS <i>Emilia Janeczko - Poland</i>
11:30 - 11:45	RELATIONSHIP WITH NATURE, VISITS TO GREEN AREAS AND WELL-BEING <i>Ann Ojala - Finland</i>
11:45 - 12:00	AN INNOVATIVE NATURE INTEGRATION PROGRAMME FOCUSED ON INDIGENOUS SWEDES AND MIGRANTS: IMPACTS ON HEALTH AND WELLBEING <i>Anna María Pálsdóttir - Sweden</i>
12:00 - 13:00	Lunch break
13:00 - 14:30	Oral Presentations 2.3 - Urban Forests and their ecosystem services for Public Health <i>Session Chairs: Kim Kyongha - Republic of Korea, Liisa Tyrväinen – Finland</i>
13:00 - 13:15	DOES GREENSPACE MITIGATE AIR POLLUTION AND MOTIVATE PHYSICAL ACTIVITY?: A CASE STUDY OF FOUR EUROPEAN CITIES <i>Will Mueller - United Kingdom</i>
13:15 - 13:30	GO GREENER GO SAFER? THE IMPACT OF URBAN TREE COVER ON PERCEIVED SAFETY <i>K. Mouratidis - Norway</i>
13:30 - 13:45	A STUDY FOR MANAGING KOREAN URBAN FORESTS TO ENHANCE URBAN RESIDENTS’ HEALTH AND MEET THEIR ACTIVITY DEMAND <i>Hyun Deok Seok - Republic of Korea</i>

13:45 - 14:00	PERI-URBAN VERSUS NON-URBAN FORESTS: VISITORS' BEHAVIOURS AND PREFERENCES IN CENTRAL ITALY <i>Isabella De Meo - Italy</i>
14:00 - 14:30	Discussion
14:30 - 14:45	Coffee break
14:45 - 17:00	Oral Presentations 2.4 - Urban forestry and Green space planning and design for physical activity <i>Session Chairs: Dongying Li - United States, William C. Sullivan - United States</i>
14:45 - 15:00	EARLY CHILDHOOD ADAPTIVE MICROFORESTS AS A HEALTH PROMOTION STRATEGY: A SYSTEM-CHANGE APPROACH <i>Robin Moore - United States</i>
15:00 - 15:15	DURATION OF ACTIVITY IN VARIOUS PARK ENVIRONMENTS AND PSYCHOLOGICAL BENEFITS AMONG OLDER ADULTS: A GPS TRACKING STUDY <i>Dongying Li - United States</i>
15:15 - 15:30	RECREATIONAL USES OF URBAN GREEN INFRASTRUCTURE: THE TOURIST'S PERSPECTIVE <i>Theano S. Terkenli - Greece</i>
15:30 - 15:45	THE IMPACT OF URBAN PRIVATE GREEN SPACE ON HEALTH AND WELL-BEING: A SCOPING REVIEW <i>Grete Patil - Norway</i>
15:45 - 16:00	EFFECTS OF URBAN GREEN SPACE ON HEAT-RELATED VULNERABILITY: A METHODOLOGY BASED ON THE INTEGRATION OF CENSUS AND REMOTE SENSING DATA <i>Elena Barbierato - Italy</i>
16:00 - 16:15	GENDER DIFFERS IN STRESS REDUCTION IN AN URBAN VR PARK: REGARDLESS ALTERED SOUNDSCAPES <i>Marcus Hedblom - Sweden</i>
16:15 - 16:30	HOW ROBUST ARE RELATIONSHIPS BETWEEN STREET GREENERY AND FITNESS MEASURES ACROSS DIVERSE COMMUNITIES? <i>Wei-Lun Tsai - United States</i>
16:30 - 16:45	RESTORATION EFFECTS IN DIFFERENTLY MANAGED FORESTS <i>Jenni Simkin - Finland</i>
16:45 - 17:00	INFLUENCE OF GREEN SPACE ON THE EFFECTS OF AIRBORNE PARTICULATE MATTER ON HOSPITALIZATION IN THE UNITED STATES <i>Seulkee Heo - United States</i>
17:00 - 17:15	Coffee break
17:15 - 18:30	Oral Presentations 2.5 - Forest Medicine, Forest therapy, Health Policies, practices, economics and culture of Forests for Public Health <i>Session Chairs: Won Sop Shin - Republic of Korea, Christos Th. Gallis - Greece</i>
17:15 - 17:30	EVALUATION AND PLANNING OF PRIVATE FOREST THERAPY BASES IN TAIWAN <i>Shyue-Cherng Liaw - Taiwan</i>
17:30 - 17:45	THE POLICY PROGRAMME "GREEN CARE FOREST" IN AUSTRIA AS A SOCIAL INNOVATION FOR HEALTH SERVICES <i>Benjamin Stadler - Austria</i>
17:45 - 18:00	A PRELIMINARY REVIEW OF FOREST CARE INITIATIVES FOR HEALTH IN ITALY: IDENTIFYING MODELS AND SUCCESS FACTORS <i>Ilaria Doimo - Italy</i>
18:00 - 18:15	FOREST THERAPY GROUP INTERVENTION FOR EXHAUSTION DISORDER, ANXIETY AND DEPRESSION <i>Petra Ellora Cau-Wetterholm - Sweden</i>
18:15 - 18:30	Discussion

18:30 - 19:00 **Closing of the Conference - Awards - Closing Ceremony**

Chair: Dr. Christos Th. Gallis

19:30 **Farewell Dinner**

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Saturday, 11 May 2019

08:30 - 18:30 **Conference Official Scientific and Cultural All day Tour to Epidaurus area and to Ancient Asclepeion.**

At the Epidaurus ancient theater, There we will have 2 oral presentation by: Prof. of Medicine Dr. Geroulanos about Hippocratic therapies in Ancient Asclepeion and, Prof. of Archaeology Dr. Labrinoudakis about the structure, functions and organization of ancient Greek Ancient Asclepeion.

E-POSTERS PRESENTATIONS**1. Forest Medicine, Forest therapy, Health Policies, practices, economics and culture of Forests for Public Health.****THE THERAPEUTIC CONTRIBUTION OF FORESTS TO REHABILITATION CLINICS IN BAVARIA****L. Friedmann¹, A. Gaggermeier¹, M. Suda¹**¹*Technical University Munich, Germany***FOREST BATHING COMBINED WITH TRADITIONAL KNEIPP THERAPY AS A NEW PUBLIC HEALTH APPROACH IN GERMANY****G. Immich¹, A. Schuh¹**¹*Chair of Public Health and Health Services Research (IBE), Ludwig Maximilian University, 81377 Munich, Germany***SHINRIN YOKU – A QUALITATIVE DESCRIPTIVE DEFINITION OF TERMS BASED ON A SEMANTIC CONTENT ANALYSIS****J.A. Jungmair¹, A. Arnberger², S. Pöchtrager¹**¹*University of Natural Resources and Life Science, Institute for Marketing and Innovation Vienna, Austria*²*University of Natural Resources and Life Science, Institute for Landscape Development, Recreation and Conservation Planning, Vienna, Austria***EFFECTS OF FOREST AND NATURE ON OLDER PEOPLE: A SYSTEMATIC REVIEW****J. Kim¹, W.S. Shin²**¹*Department of Forestry Therapy, Chungbuk National University, Cheongju, Republic of Korea*²*Department of Forest, Chungbuk National University, Cheongju, Republic of Korea***FOREST THERAPY PROGRAM ASSOCIATED WITH TKM TO PREVENT COGNITIVE DECLINE FOR THE ELDERLY****J. Yi^{1,2}, T. Khil^{1,2}, Y. Lim^{1,2}, M. Shin², S. Jeon², J. Shin¹, B. Kang¹, J. Kim¹, B.Y. Kim¹, J.E. Lee¹, A.Y. Jeong², B. Ku³, G. Kim³, J.H. Park³, J. Choi⁴, W. Cha⁴, C. Shin¹, W. Shin¹, J.U. Kim³**¹*Chungbuk National University, Seowon-gu, Cheongju, Chungbuk, Republic of Korea*²*Forestopia, Seowon-Gu, Cheongju, Chungbuk, Republic of Korea*³*Korea Institute of Oriental Medicine, Yuseong-gu, Daejeon, Republic of Korea*⁴*Human Anti-Aging Standards Research Institute, Uiryeong-gun, Gyeongsangnam-do, Republic of Korea***PRELIMINARY ANALYSIS OF PSYCHOLOGICAL AND PHYSIOLOGICAL BENEFITS FOR FOREST THERAPY IN TAIWAN****S.C. Liaw¹, W.M. Hsieh¹**¹*Department of Geography, National Taiwan Normal University, Taiwan***THE ROLE OF CERTIFIED PHYSICIAN IN FOREST MEDICINE OF INFOM IN JAPAN****H. Ochiai¹, M. Imai², Q. Li³, Y. Takase⁴, T. Ochiai⁵**¹*Department of Plastic and Reconstructive Surgery, National Hospital Organization Tokyo Medical Center, Japan*²*PrINFOM, Tokyo, Japan*³*Department of Rehabilitation and Physical Medicine, Graduate School of Medicine, Nippon Medical School, Tokyo, Vice-President and Secretary General of INFOM, Tokyo, Japan*⁴*General Manager of INFOM, Tokyo, Japan*⁵*Forest Baubiologie Studio Inc. CEO, Tokyo, Japan***THE INFLUENCE OF A FOREST EDUCATION PROGRAM ON FAMILY STRENGTH****S.Y. Jeong¹, Y.H. Lee¹, S.J. Park¹**¹*Forest Welfare Division, Forest Policy and Economics Department, National Institute of Forest Science, Republic of Korea*

COMMUNITY AS KNOWLEDGE BUILDING AND SHARING SPACE IN FOREST THERAPY METHOD DEVELOPMENT AND PRACTICAL USE

P.E. Cau Wetterholm¹, I. Banyard², K. Berry³, L. Desmet⁴, K. Kilpi⁵, H. Korhonen⁶, S. Malve-Ahlroth⁷, I. Nygårdsvik⁸, H. Ohlsson⁹, S. Malmieniemi¹⁰, V. Povilaityte-Petri¹¹, I. Simoens¹²

¹Vidar Primary Health Care Service, Järna, Sweden; Shinrin-Yoku Sweden, Certified guide by Association of Nature and Forest Therapy

²Cotswold Natural Mindfulness, United Kingdom

³Stonewylde, Dorset, United Kingdom

⁴Actif Coaching, Belgium

⁵Department of Work Science, Business Economics and Environmental Psychology, Swedish University of Agricultural Sciences, SLU, Sweden

⁶Co-Founder of Forest Therapy Days, Finland

⁷Department of Work Science, Business Economics and Environmental Psychology, Swedish University of Agricultural Sciences, SLU, Sweden

⁸Spekulatoriet as, Norway

⁹PhD Candidate, Södertörn University, Stockholm, Sweden

¹⁰MSc, University of Jyväskylä, Finland

¹¹Université Libre de Bruxelles, Belgium

¹²Instituut voor Natuur- en Bosonderzoek, Brussels, Belgium

VISITORS' PERCEPTIONS AND RECREATIONAL VALUE OF PERI-URBAN FORESTS: AN EXPERIENCE FROM CENTRAL ITALY

E. Bianchetto¹, I. De Meo¹, A. Paletto², P. Cantiani², C. Fagarazzi³, L. Lorenzini³

¹Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria, Research Center Agriculture and Environment (CREA), Italy

²Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria, Research Centre for Forestry and Wood (CREA), Italy

³Department of Agricultural, Food and Forestry Systems (GESAAF), University of Florence, Italy

2. Mental Health benefits of exposure to Nature.

LEARNING BY PLANTING: EDUCATION FOR FUTURE CITIZENS

R. Amaral¹, G. Velasco¹, C. Souza¹, A. Tupiassu², P. Ielo¹, M. Solera¹

¹IPT - Institute for Technological Research of the State of São Paulo, Avenida Professor Almeida Prado, 532. Cidade Universitária, São Paulo - SP, Brazil

²Secretary of Health of the Municipality of São Paulo, São Paulo, Brazil

ECOPSYCHOLOGY AS A NEW GROWING FIELD IN PSYCHOLOGICAL COMMUNITY WORLDWIDE. BALANCING THE INTERRELATION OF HUMAN PSYCHE AND PLANETARY WELL-BEING

K. Apostolaki¹, M. Danon²

¹International Ecopsychology Society, Chania-Crete, Greece

²International Ecopsychology Society, Osnago, Lecco, Italy

3. Planning physical activities in Forest/Natural environment for Public health.

GREEN CARE WALD AND FOREST PEDAGOGICS - A VIVID SYMBIOSIS

E. Johann

Verein Waldpädagogik in Österreich, St. Margareten, Austria

INFLUENCE OF FOREST CHARACTERISTICS AND SILVICULTURAL TREATMENT ON STRESS LEVEL: A NEUROSCIENTIFIC APPROACH

S. Sacchelli¹, L. Bambi², E. Barbierato¹, T. Borghini², I. Capecchi¹, G. Grilli¹, F. Pastorella¹

¹Department of Agricultural, Food and Forest System Management, University of Florence, Florence, Italy

²Department of Architecture, University of Florence, Florence, Italy

4. Urban forestry and Green spaces planning and design for human activity.

THE EFFECT OF THERMAL ENVIRONMENT OF THE FOREST ON HUMAN AUTONOMIC NERVOUS SYSTEM

D. Joung¹, J. Lee¹, S. Hong¹, D. Kim¹, B.J. Park¹

¹Department of Environment and Forest Resources, Chungnam National University, Daejeon, Republic of Korea

THE ROLE OF FORESTS IN THE CONTEXT OF ENVIRONMENTAL CITIZENSHIP: INSIGHTS FROM AUSTRIA

J. Oettel¹, K. Lapin¹, F. Leregger², J. Zöscher³

¹Austrian Federal Research Centre for Forests, Vienna, Austria

²Institute for Environment, Peace and Development (IUFE), Vienna, Austria

³Forest Training Centre, Ossiach, Austria

MICROCLIMATE DEPENDENCE OF ATMOSPHERIC PYHTONCIDE CONCENTRATION ABOVE THE MAIN EAST ASIAN FOREST TYPES

B.J. Park¹, G. Kim², D. Joung¹

¹Department of Environment and Forest Resources, Chungnam National University, Daejeon, Republic of Korea

²Department of Forest Welfare Research Center, National Institute of Forest Science, Seoul, Republic of Korea

EFFECTS OF FOREST THERAPY PROGRAM ON THE RECOVERY FROM FIREFIGHTERS' STRESS

B. Lee¹, D.W. Ko¹, D.S. Lee¹, M.Y. An¹, J.W. Lee¹, J.W. Kang¹, C.H. Park¹

¹National Center for Forest Therapy, Korea Forest Welfare Institute, Republic of Korea

INTRODUCTION TO KOREA FOREST WELFARE INSTITUTE

H.E. Oh¹, Y.K. Yoon¹, P.S. Kim¹, S.H. Yeon¹, B.G. Woo¹

¹Korea Forest Welfare Institute, Republic of Korea

5. Urban Forests and their ecosystem services for Public Health.

QUANTITATIVE ASSESSMENT OF LANDSCAPE QUALITY IN FOREST THERAPY GARDENS – A CASE STUDY IN BEIJING SUBURB

R. Dong¹, Xueqi Zhang^{1,2}, Yonglin Zhang^{1,2}, Tianxia Jia^{1,2}

¹State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-environmental Sciences, Chinese Academy of Sciences, Beijing, China

²University of Chinese Academy of Sciences, Beijing, China

VOLATILE ORGANIC COMPOUNDS AND MICROMETEOROLOGY FACTORS IN URBAN FOREST

Y.S. Jo¹, S.J. Park¹

¹Forest Welfare Division, Forest Policy and Economics Department, National Institute of Forest Science, Republic of Korea

INTEGRATION OF MEDICINAL PLANTS KNOWLEDGE AND USE IN FOREST THERAPY

K. Kilpi¹, V. Povilaityte-Petri²

¹Department of Work Science, Business Economics and Environmental Psychology, Swedish University of Agricultural Sciences, SLU, Sweden

²Museum of Medicinal Plants and Pharmacy, Faculty of Pharmacy, Université Libre de Bruxelles, Belgium

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