

Forests for Public Health

3rd World Conference on
4-7 Oct 2023

Sherbrooke, Canada
www.fphcongress.org

Conference Programme

Delta Hotel by Marriott Sherbrooke Conference Centre

Wednesday, 4 October 2023

09:00 - 12:00 Reconnection Nature Tour

13:00 - 18:00 Registrations

18:00 - 19:00 Opening Ceremony

Moderator: Emilia Tamko

18:00 - 18:10 Welcome Addresses

18:00 - 18:05 Christos Gallis - Scientific Chair of the Conference

18:05 - 18:10 Dominique Dorion - Scientific Co-Chair of the Conference

18:10 - 18:15 Hubert Mansion - President of the Organizing Committee

18:15 - 18:20 John Parrotta - IUFRO President

18:20 - 18:25 Mr. Rais Kibonge - Deputy Mayor and City Councillor of Lac-des-Nations district

18:25 - 18:30 National Public Health Officer for the province of Québec

18:30 - 18:50 Concert in Innu-ainum by Shauit

18:50 - 19:35 Keynote Lecture 1: Forests, Parks, and Greenspace: A healthy poly-solution to an unhealthy poly-crisis

Keynote Speaker: Prof. Howard Frumkin

Chair: Dr. Christos Gallis

19:35 - 20:20 Keynote Lecture 2: In the Shelter of the Forest: From Pandemic Resistance to Community Safety

Keynote Speaker: Prof. William Sullivan

Chair: Prof. Dominique Dorion

20:20 Welcome Reception

Thursday, 5 October 2023

08:00 - 08:30 Registrations

08:30 - 09:15 Keynote Lecture 3: Quantifying the health benefits of urban green space for policy making

Keynote Speaker: Prof. Mark J. Nieuwenhuijsen

Chair: Prof. William Sullivan

09:15 - 10:30 Oral Presentations 1.1

09:15 - 09:25 INTEGRATING GREEN CARE INITIATIVES INTO TRADITIONAL HEALTH SYSTEM: A LITERATURE REVIEW FOCUSED ON GOVERNANCE DIMENSIONS

Alessandra Rigo

09:25 - 09:35 THE IMPORTANCE OF FOREST FOR CALIFORNIA SEROGROUP VIRUS VECTOR SPECIES IN EASTERN ONTARIO

Guillaume Blanchet

09:35 - 09:45 GREENSPACE MORPHOLOGY AND HUMAN HEALTH: A SYSTEMATIC REVIEW OF QUANTITATIVE STUDIES

Huaqing Wang

09:45 - 09:55 EXPOSURE TO FOREST AIR MONOTERPENES AND PULMONARY FUNCTION TESTS IN ADOLESCENTS WITH ASTHMA

Francesco Meneguzzo

09:55 - 10:05 THE INTEGRATION OF GEOGRAPHIC METHODS AND ECOLOGICAL MOMENTORY ASSESSMENT IN PUBLIC HEALTH RESEARCH: A METHODOLOGICAL

SYSTEMATIC REVIEW

Yue Zhang

10:50 - 10:15 PUBLIC HEALTH AND FOREST SURVIVAL SCIENCE

Manu Tranquard

10:15 - 10:30 Discussion

10:30 - 11:00 Coffee Break

11:00 - 12:30 Oral Presentations 1.2

Chair: Prof. Darel Hunting

11:00 - 11:10 BOTH VISUAL GREENNESS AND MICROCLIMATE COMFORT CONTRIBUTE TO STATE AFFECT: AN ECOLOGICAL MOMENTORY ASSESSMENT APPROACH

Dongying Li

11:10 - 11:20 MAPPING URBAN FOREST PLACES: A CREATIVE APPROACH TO EXPLORING PEOPLE'S AWARENESS AND IMAGINATION OF URBAN FOREST PLACES IN NORTH

EAST ENGLAND

Charlotte Maria Dijkstra

11:20 - 11:30 IMPROVE THE URBAN OUTDOOR THERMAL ENVIRONMENT AND REDUCE THE UHI THROUGH URBAN PLANNING & LANDSCAPE DESIGN - A SYSTEMATIC

REVIEW AND META-ANALYSIS

Xiaoyu Li

11:30 - 11:40 SCHOOL BASED OUTDOOR EDUCATION IN URBAN FORESTRY AND GREEN SPACES IN THE PROVINCE OF QUEBEC, CANADA

Felix Berrigan

11:40 - 11:50 OVERCOMING BARRIERS AND PROMOTING URBAN GREENING AND DEMINERALIZATION IN QUEBEC CITY

Pierre Paul Audate

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| 11:50 - 12:00 | POTENTIAL OF WARSAW URBAN GREEN SPACES FOR LOCAL CLIMATE REGULATION AND AIR PURIFICATION ASSESSED USING REMOTE SENSING DATA Anna Kowalska |
| 12:00 - 12:10 | MOBILIZING PARTNERS IN A SYSTEMS-BASED APPROACH TO DELIVER PUBLIC HEALTH OUTCOMES FROM VACANT LAND RESTORATION IN CITIES Lauren Marshall |
| 12:10 - 12:20 | FOREST BATHS AS A STRESS-REDUCING PRACTICE FOR OLDER ADULTS IN CITIES Maria-Guadalupe Garibay-Chavez |
| 12:20 - 12:30 | Conclusions |
| 12:30 - 13:45 | Lunch Break |
| 13:45 - 14:30 | Keynote Lecture 4: The Environmental Psychology of Forests and Nature: Benefits of, and Considerations for, a Greener Future (Virtual) <i>Keynote Speaker: Prof. Lindsay McCunn</i> <i>Chair: Prof. Dominique Dorion</i> |
| 14:30 - 15:20 | Oral Presentations 1.3 |
| 14:30 - 14:40 | ASSOCIATION BETWEEN PARTICIPATION IN OUTDOOR ACTIVITIES, NEED FOR AUTONOMY AND MENTAL HEALTH IN ADOLESCENTS AND YOUNG ADULTS Chloe Drapeau |
| 14:40 - 14:50 | WHAT "DOSE" OF NATURE IS NECESSARY TO IMPROVE MOOD? INVESTIGATING WILDERNESS, CITY PARK, AND VIRTUAL NATURE ENVIRONMENTS Sara Lotemplio |
| 14:50 - 15:00 | TAKE A HIKE: A SCOPING REVIEW OF THE EFFECTS OF OUTDOOR WALKING THERAPY ON PSYCHOLOGICAL HEALTH, BURNOUT, DEPRESSION AND SUICIDAL IDEATION Pier-olivier Paradis |
| 15:00 - 15:10 | ADOLESCENTS' EXPERIENCES OF A PSYCHOSOCIAL INTERVENTION THROUGH NATURE AND ADVENTURE: A MIXED METHODS STUDY. Sam Gemus |
| 15:10 - 15:20 | Discussion & Conclusions |
| 15:20 - 15:50 | Coffee Break |
| 15:50 - 17:10 | Oral Presentations 1.4 & Special Lecture <i>Chair: Prof. Liisa Tyrväinen</i> |
| 15:50 - 16:00 | DIFFERENCES IN THE ESSENCE OF BOUNTY FROM NATURE AMONG TEENAGERS AND PARENTS: RELATIONSHIP WITH MENTAL-PHYSICAL CONNECTEDNESS TO NATURE Ai Tashiro |
| 16:00 - 16:10 | PHYSICAL ACTIVITY IN FOREST AND PSYCHOLOGICAL HEALTH BENEFITS. A FIELD EXPERIMENT WITH YOUNG POLISH ADULTS Emilia Janeczko |
| 16:10 - 16:20 | THE IMPORTANCE OF TREES, WOODS AND FORESTS FOR WELL-BEING: EVIDENCE FROM ENGLAND Clare Hall |
| 16:20 - 16:30 | ASSOCIATIONS BETWEEN EXPOSURE TO NATURE IN A PHYSICAL ACTIVITY CONTEXT AND PERCEIVED IMPORTANCE OF EXPERIENCE IN NATURE EXPERIENCE WITH POSITIVE MENTAL HEALTH AMONG YOUNG ADULTS Isabelle Dore |
| 16:30 - 16:40 | THE GAPS BETWEEN ETHNIC MINORITY RESIDENTS' PARK ACCESS AND PARK VISITATION: CULTURAL EXPERIENCES AND BARRIERS Dongying Li |
| 16:40 - 17:10 | Special Lecture |
| 16:40 - 17:10 | Valuing Natural Capital Benefits of Trees and Woodlands for Mental Health: Avoided Costs in the United Kingdom Vadim Saraev |
| 17:10 - 18:00 | Roundtable: Nature, public health and the education system - where do we stand in Canada? Dominique Dorion, Dean, Faculty of Medicine, Université de Sherbrooke (moderator) Paul Ronan, President at Greenspace Leadership Professionals Inc and Executive Director Ontario Parks Association Helen M. Doyle, B.Sc., C.P.H.I.(C), Environmental Health Workgroup Chair, Ontario Public Health Association Julie Lane, Professor, Université de Sherbrooke, RBC Centre for Expertise in Mental Health Sabrina McDonald, Nurse, Ungava Tulattavik Health Centre Pierre Paul Audate, Direction de la santé environnementale, au travail et de la toxicologie (DSETT) Institut national de santé publique du Québec (INSPQ) |

Friday, 6 October 2023

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| 08:30 - 09:15 | Keynote Lecture 5: Mainstreaming health benefits from outdoor recreation in urbanizing societies <i>Keynote Speaker: Prof. Liisa Tyrväinen</i> <i>Chair: Prof. Marie-Ève Langelier</i> |
| 09:15 - 10:20 | Oral Presentations 2.1 |
| 09:15 - 09:25 | DEVELOPMENT OF CERTIFICATION CRITERIA FOR THE AWARDING PROCESS OF RECREATIONAL AND THERAPY FORESTS IN BAVARIA, GERMANY Gisela Immich |
| 09:25 - 09:35 | FORESTS AND TEHR HEALTH BENEFITS IN GROWING CITIES Arturo Curiel-Ballesteros |
| 09:35 - 09:45 | ECOSOCIAL INTERVENTION FOR THE DEVELOPMENT OF CONNECTIVITY AND RECIPROCITY TO NATURE: THE CASE OF THE "FEED ON THE GROUND" THERAPEUTIC PROGRAM Emmanuelle Larocque |
| 09:45 - 09:55 | THE IMPACT ON ONE HEALTH OF THE EDUCATION TO FORESTS MANAGERS Juna Ting-Wei Chang |
| 09:55 - 10:05 | MOVING BEYOND FEAR APPEALS: PROMOTING NATURE CONNECTION ON SOCIAL MEDIA TO FOSTER EMOTIONAL RESILIENCY & CLIMATE ACTION AMONG CANADIAN YOUTH McKenna Corvello |

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| 10:05 - 10:15 | RELAX AND BREATHE EASY: QUANTIFYING THE HEALTH VALUES OF URBAN PARK WALKS Courtney Jankowski |
| 10:15 - 10:20 | Conclusions |
| 10:20 - 10:50 | Coffee Break |
| 10:50 - 12:20 | Oral Presentations 2.2 <i>Chair: Prof. Dongying Li</i> |
| 10:50 - 11:00 | SPATIAL JUSTICE AND ACTIVE TRANSPORTATION TO PARKS: EXAMINING THE DISTRIBUTION OF BIKE LANES IN EDMONTON, ALBERTA Josephine Godwyll |
| 11:00 - 11:10 | ENGAGEMENT WITH NATURE DURING COVID-19: THE IMPORTANCE FOR WELLBEING Liz O'Brien |
| 11:10 - 11:20 | THE EFFECTS OF OFREST WALKING ON PHYSICAL AND MENTAL HEALTH BASED ON EXERCISE PRESCRIPTION Choyun Kim |
| 11:20 - 11:30 | EVALUATION OF A PHYSICAL ACTIVITY PROGRAMME IN FORESTS IN ENGLAND: IMPACTS AND LESSONS LEARNT Liz O'Brien |
| 11:30 - 11:40 | SHOULD YOU GO TOUCH SOME GRASS? THE EFFECTS OF OUTDOOR PHYSICAL ACTIVITY ON THE ASSOCIATION BETWEEN SCREEN TIME AND POSITIVE Dorothee Comtois-Cabana |
| 11:40 - 11:50 | THE INTERNATIONAL CERTIFICATE HEALING FOREST – CERTIFICATION PROCESS AND UTILIZATION CONCEPT Stefanie Frech |
| 11:50 - 12:00 | A STUDY ON THE EVALUATION METHOD OF FOREST THERAPY RESOURCES FOR EXPERTS Jaewoo Kang |
| 12:00 - 12:10 | MAJOR EFFECTS OF FOREST HEALING RESOURCES: FOCUSING ON THE DEVELOPMENT OF USER EVALUATION TOOLS Seonghui Jo |
| 12:10 - 12:20 | Conclusions |
| 12:20 - 13:30 | Lunch Break |
| 13:30 - 15:00 | Oral Presentations 2.3 <i>Chair: Dr. Liz O'Brien.</i> |
| 13:30 - 13:40 | A MULTI-COUNTRY STUDY ASSESSING THE MECHANISMS OF NATURAL ELEMENTS AND SOCIODEMOGRAPHICS BEHIND THE IMPACT OF FOREST Alex Gesse |
| 13:40 - 13:50 | ECONOMICALLY VALUING CULTURAL ECOSYSTEM SERVICES: A REVIEW OF THE METHODS WITH A FOCUS ON GREEN CARE Aisling R. Sealy Phelan |
| 13:50 - 14:00 | TREE-BASED INTERVENTIONS IN A UGANDA REFUGEE SETTLEMENT: A COMPARATIVE CASE STUDY Sarah Juster |
| 14:00 - 14:10 | BARRIERS TO PARTICIPATION IN NATURE PRESCRIPTIONS BASED ON A SURVEY IN FIVE COUNTRIES Michelle Kondo |
| 14:10 - 14:20 | EMERGENCE OF FOREST-BASED HEALTH PRACTICES IN QUEBEC, CANADA Delphine Theberge |
| 14:20 - 14:30 | NATURE CONSERVATION TRAINING FOR MIGRANTS AND SWEDES AND WELLBEING IMPACTS Anna-Maria Palsdottir |
| 14:30 - 14:40 | LEARNING FROM JAPAN'S FOREST THERAPY TRAILS: INSIGHTS AND APPLICATIONS FOR WELLNESS TRAILS IN CANADA Tara L. Brown |
| 14:40 - 14:50 | UTILIZING INDUSTRIAL PHYSICIANS TO PROMOTE FORESTS SPACE UTILIZATION FOR HEALTHY CORPORATE MANAGEMENT Hiroko Ochiai |
| 14:50 - 15:00 | Conclusions |
| 15:00 - 15:30 | Coffee Break |
| 15:30 - 16:00 | SPECIAL LECTURE: IKAARTUIT KAYAK EXPEDITION Short documentary and oral presentation of a field project Jessica G.Villeneuve |
| 16:00 - 17:30 | Oral Presentations 2.4 <i>Chair: Dr. Christos Gallis</i> |
| 16:00 - 16:10 | GUIDED NATURE WALKS MAY IMPROVE SUBJECTIVE WELL-BEING AND CONNECTION TO NATURE Erik Luvaas |
| 16:10 - 16:20 | URBAN BIOARESOLOS ALONG SOCIOECONOMIC, VEGETATION AND TIME GRADIENTS Sarah Poirier |
| 16:20 - 16:30 | EFFECTS OF PLANT ODORS ON HUMAN SLEEP-LITERATURE REVIEW Yan-Jhen Syu |
| 16:30 - 16:40 | NATURAL INFORMAL RECREATION AREAS (NIRA) : CONTRIBUTIONS TO THE POPULATION WELL-BEING Julia Frotey |
| 16:40 - 16:50 | ASSOCIATION BETWEEN INFORMAL GROUP AND OUTDOOR PHYSICAL ACTIVITY FREQUENCY AND MENTAL HEALTH INDICATORS AMONG PRIME WORKING AGE ADULTS Isabelle Dore |
| 16:50 - 17:00 | A SENTIMENT ANALYSIS APPROACH TO EVALUATE THE AWARENESS AND AFFECTION FOR URBAN GREEN SPACES DIVERSITY BY USERS Andrea Coppi |
| 17:00 - 17:10 | A SOCIO-ECOLOGICAL APPROACH TO MENTAL HEALTH: HOW COMMUNITY GREEN SPACES FOSTER SOCIAL CONNECTEDNESS AND WELL-BEING Ananda Babu Pandey |
| 17:10 - 17:20 | Conclusions |
| 17:30 - 18:00 | Closing Ceremony of the Conference |
| 20:00 | Farewell Dinner |

Saturday, 7 October 2023

08:30 - 16:00 All-Day Tour: Gorge of Coaticook Park Hiking Trail and Le Gross Pierre Orchard visit and lunch