

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

10:00 - 13:00 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 Eveline Beaudin - Mayor of Sherbrooke

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 QUANTIFYING THRESHOLD EFFECTS OF PHYSIOLOGICAL HEALTH BENEFITS IN GREENSPACES EXPOSURE
Zhaowu Yu

10:05 - 10:15 THE INTEGRATION OF GEOGRAPHIC METHODS AND ECOLOGICAL MOMENTARY ASSESSMENT IN PUBLIC HEALTH RESEARCH: A METHODOLOGICAL SYSTEMATIC REVIEW
Yue Zhang

10:15 - 10:25 PUBLIC HEALTH AND FOREST SURVIVAL SCIENCE
Manu Tranquard

10:25 - 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 MOMENTARY 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
Jean-Philippe Ayotte-Beaudet

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

Pierre Paul Audate

| | |
|---------------|---|
| 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 - 13:30 | Lunch Break |
| 13:30 - 14:15 | Keynote Lecture 4: The Environmental Psychology of Forests and Nature: Benefits of, and Considerations for, a Greener Future (Virtual) Keynote Speaker: Prof. Lindsay McCunn <i>Chair: Prof. Dominique Dorion</i> |
| 14:15 - 15:20 | Oral Presentations 1.3 |
| 14:15 - 14:25 | ASSOCIATION BETWEEN PARTICIPATION IN OUTDOOR ACTIVITIES, NEED FOR AUTONOMY AND MENTAL HEALTH IN ADOLESCENTS AND YOUNG ADULTS Chloe Drapeau |
| 14:25 - 14:35 | WHAT "DOSE" OF NATURE IS NECESSARY TO IMPROVE MOOD? INVESTIGATING WILDERNESS, CITY PARK, AND VIRTUAL NATURE ENVIRONMENTS Sara Lotemplito |
| 14:35 - 14:45 | PERCEIVED PARKS AND GREENSPACE AVAILABILITY AND MENTAL HEALTH AMONG YOUNG ADULTS IN SHERBROOKE, QC. Aristide Tchanguou Wépandjoué |
| 14:45 - 14:55 | TAKE A HIKE: A SCOPING REVIEW OF THE EFFECTS OF OUTDOOR WALKING THERAPY ON PSYCHOLOGICAL HEALTH, BURNOUT, DEPRESSION AND SUICIDAL IDEATION Pier-olivier Paradis |
| 14:55 - 15:05 | ADOLESCENTS' EXPERIENCES OF A PSYCHOSOCIAL INTERVENTION THROUGH NATURE AND ADVENTURE: A MIXED METHODS STUDY. Fabienne Lagueux |
| 15:05 - 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: Subject TBA Speakers TBA |

Friday, 6 October 2023

| | |
|---------------|---|
| 08:30 - 09:15 | Keynote Lecture 5: Mainstreaming health benefits from outdoor recreation in urbanizing societies Keynote Speaker: Prof. Liisa Tyrväinen <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 |
| 10:05 - 10:15 | RELAX AND BREATHE EASY: QUANTIFYING THE HEALTH VALUE OF URBAN PARK WALKS Kirsten Beyer |
| 10:15 - 10:20 | Conclusions |

| | |
|---------------|--|
| 10:20 - 10:50 | Coffee Break |
| 10:50 - 12:30 | 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 | RESTORATIVE EFFECTS OF FORESTS AND THEIR INCREASED APPRECIATION DURING THE COVID-19 PANDEMIC Viliam Pichler |
| 11:50 - 12:15 | Special Lecture: Title To Be Confirmed Sarah Syed |
| 12:15 - 12:30 | Conclusions |
| 12:30 - 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