

# Forests for Public Health

3<sup>rd</sup> 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 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 MOMENTARY 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 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 - 13:45	<b>Lunch Break</b>
13:45 - 14:30	<b>Keynote Lecture 4: The Environmental Psychology of Forests and Nature: Benefits of, and Considerations for, a Greener Future (Virtual)</b> <i>Keynote Speaker: Prof. Lindsay McCunn</i> <i>Chair: Prof. Dominique Dorion</i>
14:30 - 15:20	<b>Oral Presentations 1.3</b>
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	<b>Coffee Break</b>
15:50 - 17:10	<b>Oral Presentations 1.4 &amp; Special Lecture</b> <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	<b>Special Lecture</b>
16:40 - 17:10	<b>Valuing Natural Capital Benefits of Trees and Woodlands for Mental Health: Avoided Costs in the United Kingdom</b> Vadim Saraev
17:10 - 18:00	<b>Roundtable: Nature, public health and the education system - where do we stand in Canada?</b> Speakers TBA 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

08:30 - 09:15	<b>Keynote Lecture 5: Mainstreaming health benefits from outdoor recreation in urbanizing societies</b> <i>Keynote Speaker: Prof. Liisa Tyrväinen</i> <i>Chair: Prof. Marie-Ève Langelier</i>
09:15 - 10:20	<b>Oral Presentations 2.1</b>
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 VALUES OF URBAN PARK WALKS Courtney Jankowski
10:15 - 10:20	Conclusions
10:20 - 10:50	<b>Coffee Break</b>
10:50 - 12:20	<b>Oral Presentations 2.2</b> <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 Stephanie 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	<b>Lunch Break</b>
13:30 - 15:00	<b>Oral Presentations 2.3</b> <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	<b>Coffee Break</b>
15:30 - 16:00	<b>SPECIAL LECTURE: IKAARTUIT KAYAK EXPEDITION Short documentary and oral presentation of a field project</b> Jessica G.Villeneuve
16:00 - 17:30	<b>Oral Presentations 2.4</b> <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	<b>Closing Ceremony of the Conference</b>
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