

SATURDAY, SEPTEMBER 9, 2017

Opening Ceremony

Time: 09:00 - 10:30

Room: West Ballroom A

- Traditional Welcome and Acknowledgement with Elder Shane Pointe
- Royal Welcomes
 - o The Honourable Judith Guichon, OBC - Lieutenant Governor of British Columbia, Canada
 - o Her Royal Highness Princess Lalla Hasnaa - Mohammed VI Foundation for the Protection of the Environment, Morocco
- Opening Remarks from WEEC 2017 Co-Chairs
 - o David Zandvliet - Institute for Environmental Learning, Canada
 - o Mario Salomone - WEEC Network
- Tblisi +40 Reflections (5 minute Video + Panel)
 - o Moderator: Milt McClaren - Royal Roads University, Canada
 - o Elliott Harris - United Nations Environment Programme
 - o Julia Heiss - UNESCO Team Leader of Education for Sustainable Development
 - o Ekaterine Grigalava - Deputy Minister of Environment and Natural Resources Protection of Georgia
 - o Tamar Aladashvili - Department of Environmental Policy and International Relations, Georgia
 - o Charles Hopkins - UNESCO Chair in Reorienting Teacher Education to Address Sustainability, York University, Canada

PCI-A: Research Paper Session

Strand: Perspectives, Challenges and Innovations in Research

Format: Paper Session

Time: 11:00 - 12:00

Room: West Meeting Room 110

- ID: 646 - eeWORKS: demonstrating the impact of environmental education through empirical research - *Judy Braus, US*
- ID: 121 - A system-change model for embedding sustainability education within teacher education in Australia: Principles, implementation and benefits - *Jo-Anne Ferreira, AU*
- ID: 550 - We need to change the way we think and act - *Maria Hofman-Bergholm, FI*
- ID: 590 - The leadership challenge of a 'competency-based approach to' Sustainability Education in HE - *Paul Warwick, GB*
- ID: 311 - Systematic review of environmental education in Latin America and the Caribbean - *Lilly Briggs, US*

IEL-A2: EE Across the Themes I

Strand: Special Session

Format: Interactive Posters

Time: 11:00 - 12:00

Room: West Meeting Room 111

- ID: 733 - The Most Important Curriculum: Learning to Grow Food in a Changing Climate - *Julie Johnston, CA*

- ID: 1054 - Enhancing Healthy Foods in Schools through Multidimensional Hands-On Learning - *Patrick Gale, CA*
- ID: 1069 - Philosophy of naturalistic intelligence. In search of the lost link - *Consuelo Giraldo, CO*
- ID: 534 - Valuing Nature in Childhood: the first environmental conservation education intervention for preschool children living around Cuc Phuong National Park, Ninh Binh, Vietnam. - *Lan Ho, VN*
- ID: 780 - Analyzing the Efficacy of Environmental Topics Used in English Language Textbooks in Japanese Higher Education - *Joshua Jodoin, JP*
- ID: 455 - Creative Arts and Sustainability for Econnection in Early Childhood - *Kumara Ward, AU*
- ID: 665 - Wilding the Rubrics: Pondering Wild Pedagogies within Educator Training Programs - *Polly Knowlton Cockett, CA*
- ID: 578 - Green Impact: developing the agency of staff and students to transform campus culture - *Quinn Runkle, GB*
- ID: 246 - Power and Expertise in the Garden - *Megan McGinty, US*
- ID: 335 - Challenges and opportunities of an indigenous- non-indigenous environmental partnership - *Chris North, NZ*
- ID: 919 - Collaborative online learning for environmental education in the US and China - *Yue LI, US*

PCI-G1: Research Symposium I

Strand: Perspectives, Challenges and Innovations in Research

Format: Paper Session

Time: 11:00 - 12:00

Room: West Meeting Room 113

- ID: 362 - Measurement, Evaluation, and Research of Education and the Sustainable Development Goals - *Marcia McKenzie, CA*

ANF-A: Additional Novel Formats

Strand: Additional Novel Formats

Format: Novel Format

Time: 11:00 - 12:00

Room: West Meeting Room 114

- ID: 1045 - (In)difference at the Edge: The Warp and Weft of Words and Worlds, Tracing Deep Epistemic Eco-Entanglements of Self and Other Through Métissage - *Hilary Leighton, CA*
- ID: 1056 - Embodying the earth: What homemade cookies and handcrafted pottery can teach us about our relationships with the planet - *Kaeli Benoit, CA*
- ID: 887 - Take away coffee becomes ART TO STAY - *Karola Braun-Wanke, DE*

AGL-A: Garden Based Learning in Post-Secondary Education

Strand: Agriculture and Garden-based Learning

Format: Roundtables

Time: 11:00 - 12:00

Room: West Meeting Room 116

- ID: 25 - Gardening in Your Classroom - *Monica Pastor, US*
- ID: 320 - Service learning through traditional medicinal and pollinator garden design - *Caitlin Gilson, US*
- ID: 460 - Food from my campus: A case study of action-orientated program about sustainable food in a university in Taiwan - *Mengyuan Jen,*
- ID: 872 - The right to cultivated city, between environmental education et food education : Example of urban agriculture on university campus, in France - *Clarisse Pinel, FR*

SRA-A: The Facets of Environmental Education

Strand: Social Responsibility and Agency / Activism

Format: Interactive Posters

Time: 11:00 - 12:00

Room: West Meeting Room 117

- ID: 365 - Environmental Education as an Intervention for Systems Change - *Maureen Jack-LaCroix, CA*
- ID: 331 - Social Responsibility and Activism: A School-Based Approach For A Sustainable Society Through 'Human Revolution' - *YOSHIYUKI IIO, JP*
- ID: 253 - Transformative Learning, Systems Thinking and Behavior Change: NWEI's Pedagogy for Sustainability - *Lacy Cagle, US*
- ID: 423 - Societal responsibility of universities: A structuring and global vision of the Cadi Ayyad University for promoting sustainable educational practices - *FATIMA ARIB, MA*

IEL-A3: EE Across the Themes II

Strand: Special Session

Format: Interactive Posters

Time: 11:00 - 12:00

Room: West Meeting Room 118

- ID: 39 - The effect of environmental education on improving the mental health of children - *Seyed Mohammad Shobeiri, IR*
- ID: 69 - An Evaluation for Interpretive signage at World Heritage Site in China - *Xue Dong, US*
- ID: 87 - Integrating teaching and learning around the 7 Sustainable Development Goals of the Well-being of Future Generations (Wales) Act within Higher Education - *Carolyn Hayles, GB*
- ID: 90 - Hospitales Verdes, una retribuci3n social y ambiental con nuestra ciudad. - *claudia paz, CO*
- ID: 161 - University-wide Staff Sustainability Skills Survey - *Carolyn Hayles, GB*
- ID: 163 - University-wide response to the Well-being of Future Generations (Wales) Act - *Carolyn Hayles, GB*
- ID: 174 - Nature connection practices promoting self-knowledge and caring for nature - *Riitta Wahlstr3m, FI*
- ID: 176 - Botanical Garden: COME IN! VSTUPTE! KOM IN! WEJD3_! GYERE BE! - *Kennert Danielsson, SE*
- ID: 178 - Pro-environmental Behavior Models of University Student for Mitigating Climate Change on Purchase of Green Products - *Tai-Yi Yu, TW*
- ID: 211 - Fighting Fracking Downunder an Older Women's Agenda: 6Nannagogy - the Knitting Nannas Against Gas (Australia) - *Lorraine Larri, AU*
- ID: 214 - Post-Sustainability and Environmental Education: Remaking Education for the Future - *Bob Jickling, CA*
- ID: 218 - Sacred Land: Potential Connections to Environmental Awareness and Engagement - *Janet Groen, CA*
- ID: 241 - Guardians of the Great Barrier Reef - Stewardship in Action - *Megan Connell, AU*

ECE-A: Teachers and Pre-service Teachers and ECE

Strand: Early Childhood Education (ECE)

Format: Roundtables

Time: 11:00 - 12:00

Room: West Meeting Room 119

- ID: 65 - Environmental education and knowledge about the water cycle among Pre-service Teachers - *Abidelfatah Nasser, IL*
- ID: 518 - THE TEACHERS PRAXIS AS A WAY TO UNDERSTAND ENVIRONMENTAL EDUCATION - *MARILIA CAMPOS, BR*
- ID: 568 - Environmental Educators as Sustainable Behavior Change Gatekeepers - *Anna Kettunen, FI*

PCI-B: Research Poster Session I

Strand: Perspectives, Challenges and Innovations in Research

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 110

- ID: 1047 - The University role for the Environmental Education. Politecnico di Torino, experience, results and opportunities. - *Elena Comino, IT*
- ID: 866 - INCORPORATION OF SUSTAINABILITY IN THE SOCIAL REPRESENTATION OF THE DEVELOPMENT IN STUDENTS OF A MEXICAN PUBLIC UNIVERSITY - *Antonio Fernandez Crispin,*
- ID: 205 - Higher Education Institutions key players for sustainable development: an example postgraduate course Energy Efficiency Services a catalyst for energy transition in public, industrial and private buildings" - *Dirk Franco, BE*
- ID: 563 - Theory and practice in a new environmental education to study on the connectivity of Hills, Humans and Oceans: A case study of Kyoto University, Japan - *Miki Miyaguchi, JP*
- ID: 878 - Design education for sustainable product innovation. - *Chiara Silvestri, IT*
- ID: 519 - Condiciones de efectuaación de la Educacion Ambiental en egresados de dos posgrados de la Ciudad de Mexico - *Oswaldo Escobar Uribe, MX*

COM-B: Youth and Schools

Strand: Environmental Communication (and Uncertainty)

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 111

- ID: 7 - Metaphors for teaching concepts in ecological restoration: Three examples - *Valentin Schaefer, CA*
- ID: 326 - Local Government Institutes of Environmental Research in Japan can be New Educational Resources for Scientific Literacy in the Region? - *Yoshinori Saitoh, JP*

URB-B: Addressing Urban Planning in the Curriculum

Strand: Urban Ecosystems

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 112

- ID: 342 - HOW URBAN LAND USE VARIATION INFLUENCE DIVERSITY AND DISTRIBUTION OF BIRD SPECIES IN HARARE ZIMBABWE - *TAFADZWA JAKATA, ZW*
- ID: 451 - Changing catchment practice on an urban river in Sydney - *Sue Burton, AU*
- ID: 771 - GREEN MOBILIZATION IN KULTURPARK - *Mehmet Umut Dilsiz, TR*
- ID: 931 - The Analysis of Key Success Factors of Waste Management for Urban Ecosystem - *Lina Astuti, ID*
- ID: 965 - Public space between relational cartography and new forms of citizenship. - *Maria Montalbano, IT*

ARC-B: Green Education Policy

Strand: Architecture and Green Design

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 113

- ID: 204 - How can Energy Efficiency be implemented as a Product Service System - *Dirk Franco, BE*
- ID: 58 - 360 degrees of change: 360 tonnes of greenhouse gas emissions reduction in a school setting - *Elaine Lewis, AU*

ELL-B: Ethics and Learning/ Schooling

Strand: Ethics Lead Learning in EE

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 113

- ID: 170 - School Culture, Sustainability and the New Finnish Core Curriculum for Basic Education - *Niina Mykrä, FI*
- ID: 1023 - Deep Ecology in Life and Work - A Teacher Educator's Autoethnographic Inquiry as a Way to Respond to "TRC Calls to Action" - *Xia Ji, CA*
- ID: 879 - The Role and Contribution of Humanistic Ethics in Environmental Education Learning - *Jorge Rodríguez Aboytes, MX*
- ID: 892 - Learner-centered pedagogies for sustainability - *Mark Caddey, AU*

NTR-B: Teacher Training Research

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 13:00 - 14:30

Room: West Meeting Room 114

- ID: 375 - Talking to Trees: Epistemic Navigation in Ecological Systems Education - *Megan McGinty, US*

AEE-B: Image and Media-based Environmental Learning

Strand: Arts-Based Approaches in EE

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 115

- ID: 158 - Speaking 4 the Planet - *Phil Smith, AU*
- ID: 323 - Animated movies as a tool for environmental educators - *Daniel Herrera Bojórquez, MX*
- ID: 256 - Weaving new connections between the Arts and Sustainability: Researching children's responses to Chris Jordan's images - *Lyndal OGorman, AU*
- ID: 222 - Bioregional Map Making - *Nathalie Olson, CA*

AGL-B: Collaborative and Community Based Learning in Gardens

Strand: Agriculture and Garden-based Learning

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 116

- ID: 11 - Collaborative research to enhance wellbeing through school and community gardens - *Son Truong, AU*
- ID: 527 - Primary school gardens as mediators of pre-service teachers' environmental activism - *John Cripps Clark, AU*
- ID: 591 - Rehabilitation et Valorisation des jardins historiques : un espace de apprentissage, de découverte et de sensibilisation collective pour la protection de la environnement. - *Loubna Chaouni, MA*
- ID: 687 - School Garden Learning Collaborative: the joining of formal and informal garden-based educators - *Sarah Stapleton, US*
- ID: 28 - From Seed to Table to Actually Eating It! Impact of a Garden-Based Learning Experience in Children's Fondness to Trying and Eating Edible Plants. - *Tathali Urueta-Ortiz, CA*
- ID: 1036 - Caring Well for People and Places: Hands-on Approaches in the Community - *Shai Kroeker, CA*
- ID: 1017 - Aquaponics: out of the water and into the classroom - *Gay Bingham, US*

SRA-B: Environmental Education - Pedagogies and Practices

Strand: Social Responsibility and Agency / Activism

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 117

- ID: 922 - Engaging Environment and Culture in Building teachers as agents of change in South Africa - *Esther Kibuka-Sebitosi, ZA*
- ID: 816 - Teaching ethics in science education: beyond anthropocentrism in theory and practice - *Ana Paula Guimarães, BR*
- ID: 812 - Developing Social Responsibility and Citizenship Through Place-based and Experiential Education - *Kevin O'Connor, CA*
- ID: 577 - Towards transdisciplinarity, originating from the subject _†_ How do social subject teachers implement environmental education? - *Essi Aarnio-Linnanvuori, FI*

PBO-B: Engaging Middle / Secondary School Students in Place-Based Learning

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 118

- ID: 805 - Environmental Education as a Management Tool to Minimize Human-Macaque Conflicts in Shoushan National Nature Park, Taiwan - *Yun-Hsuan Chiu, TW*
- ID: 863 - Environmental Perception of students from Ubatuba (Brazil) about marine and coastal ecosystems measuring by a research instrument based on Wiseman and Bogner's Model of Ecological Values - *Naomi Towata, BR*
- ID: 213 - The Sense of Place of Internationally-Mobile Adolescents - *Sarah Urquhart, JP*

ECE-B: Being Outdoors in Early Childhood

Strand: Early Childhood Education (ECE)

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 119

- ID: 626 - Being outdoors in Norwegian Kindergartens - *Tuula Skarstein, NO*
- ID: 147 - Forest school programs: A review of the literature on this growing movement - *Elizabeth Boileau, CA*
- ID: 691 - Teenagers and toddlers at forest school - *Irit Lador, IL*

- ID: 941 - Imitations Role as a Pedagogy for Environmental Awareness and Outdoor Skill Development: From Indigenous Practices to Canadian Forest Schools - *Zabe MacEachren, CA*
- ID: 279 - Understanding the children's ecosystem interrelationship through 'the Living things in the park' Project - *Okjong Ji, KR*

IEE-B: Engaging Diverse Communities in Indigenous EE

Strand: Indigenous Environmental Education

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 120

- ID: 141 - The case for environmental refugee inclusion in environmental education - *Nicholas Stanger, US*
- ID: 335 - Challenges and opportunities of an indigenous- non-indigenous environmental partnership - *Chris North, NZ*
- ID: 181 - Engaging Indigenous Environmental Issues: A Curriculum Review - *Gregory Lowan-Trudeau, CA*
- ID: 920 - Perceptions about the relationship between recovery of riparian forests and production of water by traditional communities' residents involved in a Payment for Environmental Services project - *Rosilla Almeida, BR*
- ID: 1048 - Connecting Science and traditional environmental knowledge (TEK) of the First Peoples of Trinidad and Tobago: the development of a TEK- environmental science unit. - *Rowena Kalloo, TT*
- ID: 1053 - A Pilot Program on Avifauna that brings force to a peculiar perception of birds in French Guiana: An innovative initiative related to culture and environment nexus for some 11-15 years old students. - *Judith Priam, PR*

GCD-B: Panel on Business and EE

Strand: Global and Cultural Diversity

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 121

- ID: 652 - Educational partnership for regional sustainability - *Irit Lador, IL*

POL-B: EE/Teacher Education (Institutional Policies) & Post-Secondary Education

Strand: Policy and EE

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 122

- ID: 114 - Environmental and Sustainability Teacher Preparation: A Global Perspective - *Maurice DiGiuseppe, CA*
- ID: 50 - Environmental and Sustainability Education in Canadian Teacher Education: National Agency and Activism - *Maurice DiGiuseppe, CA*
- ID: 387 - Bridging relationships between university and educational settings by supporting Environmental Education for Sustainability (EEfS) implementation - *Sylvia Almeida, AU*
- ID: 561 - Responsible Futures: embedding ESD throughout the culture of universities and colleges - *Quinn Runkle, GB*
- ID: 850 - The Community Sustainability Incubator: A New Model for University-Community Collaboration and Resilience Building - *Harold Glasser, US*
- ID: 552 - Proposing A Global SDG Charter for Universities, Colleges and Students - *Iain Patton, GB*



PLS-A: Dr. Jeannette Armstrong

Format: Plenary Session

Time: 15:00 - 16:30

Room: West Ballroom A

Witnesses: Gregory Lowan-Trudeau & Vicki Kelly, CA

- Re-Indigenizing the Planet: Land, Learning & Education

SUNDAY, SEPTEMBER 10, 2017

PCI-C: Research Poster Session II

Strand: Perspectives, Challenges and Innovations in Research

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 110

- ID: 212 - #OrganicLearning - *Giovanni Fonseca Fonseca, MX*
- ID: 415 - OCEAN LITERACY OBSERVATORY. When the academy is all of us - *Monica Mesquita, PT*
- ID: 508 - An intergated discipline approach to Peace through Agriculture - *Rodney Rylander, BZ*
- ID: 707 - Creating assessments and authentic learning experiences in informal environmental education programs with achievement systems: Using the creation of criteria for digital badges for program design - *Theresa Horstman, US*

COM-C: Literacy and Language

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 111

- ID: 343 - THE ROLE OF AGGRESSIVE ADVERTISING AND SUBLIMINAL SUGGESTION IN PUBLIC AWARENESS THROUGH ENVIRONMENTAL EDUCATION - *Timothy Phiri, ZM*
- ID: 431 - Communicating about Unique Aspects of RCE Greater Burlington via Sustainability Stories - *Thomas Hudspeth, US*
- ID: 528 - Judging the credibility of environmental communications in a new information landscape - *John Cripps Clark, AU*

URB-C: Formal Programs in Environmental Education

Strand: Urban Ecosystems

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 112

- ID: 407 - Post-Secondary Environmental Experiential Education: The KPU Urban Ecosystems Degree - *Katherine Dunster, CA*
- ID: 500 - Gigantes invisibles, rboles del centro de Medelln - *Alejandra Leoci Eisses, CO*
- ID: 608 - Environmental education through citizen science: the Iimbovane Ant Project - *Dorette Du Plessis, ZA*
- ID: 882 - Sistema digital interactivo para la enseanza de materias socioambientales en la Facultad de Ciencias, de la Universidad Nacional Autonoma de Mexico - *Lucia Almeida, MX*

ARC-C: Sustainable School Design

Strand: Architecture and Green Design

Format: Paper Session

Time: 08:30 - 10:00

Room: West Meeting Room 113

- ID: 540 - Using school buildings and facilities to create a low carbon future - *Portia Odell, AU*
- ID: 203 - The Non Energy Benefits of Energy Efficiency for Higher Education Institutes in combination with Global Reporting Initiative accelerate Sustainable Development. - *Dirk Franco, BE*
- ID: 233 - ENVIRONMENTAL POWER PLANT PROJECT - *Micheli Machado, BR*

NTR-C: The Body and the Brain

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 08:30 - 10:00

Room: West Meeting Room 114

- ID: 356 - Wilderness Immersion Tuning, Part 2 - *Chris Beeman, CA*
- ID: 944 - Embodied Ethics and the Urban Environmental Imaginary - *Oonagh Butterfield, CA*

AEE-C: Body Movement, Performance and Mindfulness

Strand: Arts-Based Approaches in EE

Format: Novel Format

Time: 08:30 - 10:00

Room: West Meeting Room 115

- ID: 452 - EnACTment of future selves using nature and arts engagement - *Kumara Ward, AU*
- ID: 449 - Performance and ecological understanding - *David Wright, AU*

AGL-C: Sustainable Development through Community Based Gardening

Strand: Agriculture and Garden-based Learning

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 116

- ID: 71 - Global Learning in local school gardens through virtual school garden exchanges - *Johanna Lochner, DE*
- ID: 107 - Climate Change and Agricultural Production program - *Margit Sare, EE*
- ID: 747 - Garden based learning in Environmental Education Centers and Networks in Greece - *FOTIOS PONTIKAKIS, GR*

SRA-C: Eco-Education - Design and Practice

Strand: Social Responsibility and Agency / Activism

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 117

- ID: 895 - Sustainable schools: limits, possibilities and challenges of appropriation of a public politics by Brazilian schools - *RosilÍcia Almeida, BR*
- ID: 821 - Measurement Matters: development of a sustainability locus of control scale for use with adolescents - *Misol Kim, AU*
- ID: 191 - Indigenous Environmental Issues, Activism, and Education: Implications for Practice - *Gregory Lowan-Trudeau, CA*
- ID: 543 - The incidence of transformative learning for sustainability in higher education: influences of specialist sustainability units in an Australian context - *Elizabeth Sidiropoulos, AU*
- ID: 422 - Social Practices at Cadi Ayyad University: an innovative approach based on education for sustainable development of students - *FATIMA ARIB, MA*

PBO-C: Teacher and University Students Involved in Place-Based Learning

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 118

- ID: 108 - Finding your place in Place-based education: Strategies from the Place Learning and Civic Engagement Program - *Kate Welsh, US*
- ID: 134 - Curriculum innovation for sustainability in higher education: the University of Bristol's Green Apple Scheme - *Aisling Tierney, GB*
- ID: 276 - Community field trip learning and the development of undergraduate students' responsible action toward ocean stewardship - *Chi-I LIN, TW*
- ID: 501 - Pre-service teachers' difficulties in planning and applying the Field Study strategy. - *Naomi Towata, BR*
- ID: 507 - Indigenizing Experiential Learning through Transformative Third Space: A Case Study of the University of Winnipeg - *Natalie Bartmes, CA*
- ID: 517 - University Education for Sustainability and Resilience Through the Linking of Local and Global Contexts - *Sachi Ninomiya-Lim, JP*
- ID: 678 - An Evaluation of the Impacts of the Teton Science Schools Place-Based Education Professional Development Workshops for Teachers in Bhutan - *Leslie Cook, US*
- ID: 981 - How Do We Train Our Graduates Ready for Transdisciplinary Projects? - A Case Study of Fieldwork-based Education in Sustainability Science Program - *Shogo Kudo, JP*
- ID: 1003 - Contribution of field work to student learning: A Case Study of the Environmental Studies and Geography programmes, University of Guyana - *Denise Simmons, GY*

ECE-C: Arts Based EE and ECE

Strand: Early Childhood Education (ECE)

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 119

- ID: 339 - Music and play as methods for ESD in early childhood education - *Maire Turunen, FI*
- ID: 364 - The Art of Reading the Storied Landscape of Childhood - *Victoria Finucane-Bell, CA*
- ID: 1006 - POTTERS CHILDREN:ENVIRONMENTAL EDUCATION OF CHILDREN THROUGH SEQUENCES OF TEACHING AND LEARNING - *Cesar Nava, CO*
- ID: 841 - Drawings as a methodological tool to evaluate knowledge and attitudes towards animals in kindergarten's children - *Antonio Fernandez Crispin, MX*

PCI-G2: Research Symposium II

Strand: Perspectives, Challenges and Innovations in Research

Format: Paper Session

Time: 08:30 - 10:00

Room: West Meeting Room 121

- ID: 997 - Climate change education: International commitments, national strategies, and the role of research - *Marcia McKenzie, CA*

POL-C : Community Development / Implementation of ESD (Training Programs)

Strand: Policy and EE

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 122

- ID: 43 - Environmental Education of Rural Farmers in East Africa and Its Implications for Sustainable Development. A Case of Uganda - *Gerald Ssengendo, UG*
- ID: 125 - Study on the Cases of China-Africa Environmental Education and Technical Collaboration - *Fengting Li,*
- ID: 482 - Pit Latrine Harmful Effects on Groundwater and Water Source Quality in Rural Villages: Awareness and Education Combined with Action to Minimize the Impact - *Stanis Koko, CD*
- ID: 729 - Environmental education for sustainable societies - The Ecosystem Services and Environmental Services of the Water Producer Program (PSA) in the city of Salesópolis, São Paulo, Brazil - *Rosely Imbernon, BR*

PLS-B: Guujaaw

Format: Plenary Session

Time: 10:30 - 12:00

Room: West Ballroom A

Witness: Barbara Wilson (Kii'iljuus), CA

IEL-D1: PICS Session - Innovative Tools for Learning Sustainability, Energy and Climate Change

Strand: Special Session

Format: Workshop

Time: 13:00 - 14:30

Room: West Meeting Room 109

- ID: 462 - Developing our young leaders for sustainability: a developmental framework for adolescent leaders for sustainability - *Patricia Armstrong, AU*
- ID: 587 - Envisioning Futures for Environmental and Sustainability Education - *Peter Corcoran, US*
- ID: 607 - Transforming values, ideals and paradoxes to education for sustainability - *Marianne Heggen, NO*
- ID: 899 - ANALYSIS OF IBERO-AMERICAN RESEARCH IN ENVIRONMENTAL EDUCATION FROM A DATABASE CATEGORIZATION PERSPECTIVE - *Edna Gamboa Porras,*
- ID: 993 - Process and Emergence: New Materialist Research Methodologies for Sustainability Education - *Mary Jackson, US*
- ID: 264 - Towards the Robust Assessment of Learning Outcomes in ESD - *Aaron Redman, DE*
- ID: 377 - Fixing the atmosphere: A collaborative experiential learning pilot project involving bio-fuel researchers and elementary school students - *Bonnie Shapiro, CA*

PCI-D: Research Round Table I

Strand: Perspectives, Challenges and Innovations in Research

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 110

- ID: 570 - Trophees Lalla Hasnaa littoral durable - *Sami EL IKLIL, MA*

COM-D: Citizens and Communities

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 111

- ID: 502 - The Commons as Classroom - *Domenico DAlessandro, US*
- ID: 623 - A Groundbreaking Approach to Graduate-level Programming in Urban Environmental Education - *Annalise Ritter, US*

ARC-D: Environmental Design Education Techniques

Strand: Architecture and Green Design

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 113

- ID: 1011 - Designing Regenerative Futures: A Lively, Transdisciplinary Design Conversation with Permaculture and Regenerative Design, Co-Design, and Embodied Gestural Studies - *Marna Hawk, US*
- ID: 1039 - Innovative Participatory Urban Design and Planning Can't Be Ignored in EE - *Julia Morlacci, CA*

ELL-D: Perspectives on Values Education

Strand: Ethics Lead Learning in EE

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 115

- ID: 292 - Children's Thinking Patterns in Environmental Ethics Development - *Tassanee Ounvichit, TH*
- ID: 589 - Value education is embedded in the process of playing a simulation game twice - *Jen-shiuan (Susan) Shiau, TW*
- ID: 576 - The Sulitest : raising awareness and assessing sustainability literacy worldwide - *Aurélien DECAMPS, FR*
- ID: 575 - Holistic, experiential and balanced: The fundamental principles on an ethically-based environmental education - *Calin Gurau, FR*

NTR-D: Outdoor Classrooms - Research and Results

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 13:00 - 14:30

Room: West Meeting Room 114

- ID: 373 - The Amazon as Teacher - *Lee Beavington, CA*
- ID: 1004 - How peer interactions change through nature experiences: A case of an inclusive class in Korean primary school - *Chankook KIM, KR*
- ID: 504 - The Ecological Self(ie): Rethinking Relationships within Environmental Education - *Polly Knowlton-Cockett, CA*

IEL-D2: EE Across the Themes II

Strand: Special Session

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 116

- ID: 259 - Development of educational programs emphasizing the nature experiences in biotope - *Akihiro Iijima, JP*

- ID: 266 - Aplicación interdisciplinar de técnicas educativas a la problemática ambiental de los humedales tipo cauce aislado del río Valle del Cauca Colombia (2012-2016) - *Luis Gonzalez Escobar, CO*
- ID: 278 - NO EASY WAY OUT -How fast does in-situ conservation education wear off: the case study of the critically endangered Philippine Cockatoo Conservation Program in Palawan, Philippines - *Indira Dayang Widmann, PH*
- ID: 287 - Las practicas de Egresados de programas de maestría en educación ambiental: caso de una profesora de biología de educación secundaria - *Oswaldo Escobar Uribe, MX*
- ID: 308 - The Status of Nonformal EE in Taiwan: The spectrum of promoting environmental education facilities through EE Act - *Yi-Hsuan Hsu, TW*
- ID: 316 - Tool-kit for teaching Climate Change - Delivering climate science education and increasing scientific literacy through simulation, games and inquiry - *Savannah Poirier Hollander, CA*
- ID: 341 - Investigation into the Core Competencies Required for "Environmental Educators" to Work in an Environmental Education Learning Center - *traishar kao, TW*
- ID: 344 - Reuse centre as a place to learn about sustainability - *Elena Saarikallio, FI*
- ID: 348 - Learning community development and increasing personal agency in a 15-week, residential, place-based sustainable education: successes and suggestions. - *David Ostergren, US*
- ID: 391 - Norwegian and Australian children's understanding of sustainability related issues in their kindergarten and home - *Barbara Maria Sageidet, NO*
- ID: 427 - Making field trips in nature effective: The interplay between novelty and learning - *Peter Van Petegem, BE*

SRA-D: Teaching Climate Change

Strand: Social Responsibility and Agency / Activism

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 117

- ID: 29 - 360 degrees of change: 360 tonnes of greenhouse gas emissions reduction in a school setting - *Elaine Lewis, AU*
- ID: 135 - Promoting climate action - what works - *Robert Gifford, CA*
- ID: 797 - Empowerment and agency for a transformative climate education - *Ilämilie Morin, CA*
- ID: 680 - Teaching about Climate Change: Tools for Inspiring Action - *Tim Grant, CA*
- ID: 446 - Education in Social Action within the Climate Justice Movement: A Framework for Understanding Learning within North American Fossil Fuel Protests - *Jenalee Kluttz, CA*

PBO-D: Connecting Elementary Students with Nature I

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 118

- ID: 19 - The Development of Chinese Nature Schools (ziran xuexiao) - *Rob Efrd, US*
- ID: 122 - Connecting classroom with community: the effects of community forest trip on student's learning achievements and motivation - *Surin Onprom, TH*
- ID: 200 - Measurement of Educational Effect by using Text Mining Technique - *AKIHIRO IJIMA, JP*
- ID: 235 - Saving our children from the Nature Deficit Disorder through Place-based education - *Krystle Ontong K, ZA*
- ID: 307 - Exploring the influences of outdoor learning on students' learning attention and pressure by using neuroscience technology - *Yi-Hsuan Hsu, TW*
- ID: 327 - Cross-curricular connections: Envisioning embodied outdoor learning in primary school - *Son Truong, AU*

- ID: 353 - Growing Green Hearts and Minds at NEST, a Nature-based Public School - *Laura Piersol, CA*
- ID: 428 - The ACEER Foundation's Conservation Learning Web in the Peruvian Amazon - *Paul Morgan, US*

ECE-D: Urban ECE

Strand: Early Childhood Education (ECE)

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 119

- ID: 216 - ESD-Coalition of Kindergarten and community for Energy transition - *Ute Stoltenberg, DE*
- ID: 921 - Empower the public to take action for conservation in cities: a case study of Shanghai Wishing Star Lake Park nature guide book - *Lin Chen, CN*
- ID: 368 - Energi□as renovables, una temtica de conexi3n entre asignaturas - *Nelson Arias Avila, CO*

GCD-D: Panel on Mass Forms of Environmental Education

Strand: Global and Cultural Diversity

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 121

- ID: 231 - Teaching about sustainability in Chinese Higher Education: Obedient autonomy and second-best solutions - *Debby Cotton, GB*
- ID: 425 - The Global Environmental Education Partnership: Building a diverse network to improve environmental education practice - *Judy Braus, US*
- ID: 778 - Education for Sustainable Development in Brazil - *Rosely Imbernon, BR*

PLS-C: Prof. Wade Davis

Format: Plenary Session

Time: 15:00 - 16:30

Room: West Ballroom A

Witness: Vicki Kelly, CA

IEL-E1: UNEP Session - Promoting Sustainable Lifestyles in Higher Education

Strand: Special Session

Format: Paper Session

Time: 17:00 - 18:30

Room: West Meeting Room 109

PCI-E: Research Round Table II

Strand: Perspectives, Challenges and Innovations in Research

Format: Roundtables

Time: 17:00 - 18:30

Room: West Meeting Room 110

- ID: 277 - Maryse Clary : L'alliance pour une □ducation □ la citoyennet□ plan□taire : mettre les jeunes au cur du syst□ime □ducatif - *Sylvie Kergreis, FR*
- ID: 708 - Separating the inseparable - A seven-scalar laminated system perspective to environmental and sustainability education - *Adesuwa Agbedahin, ZA*
- ID: 322 - Evaluation of the preparedness of preservice teachers to teach environmental and sustainability education (ESE): Challenges and Implications for ESE research - *Oluwaseun Bandele, NZ*

- ID: 189 - Una revision de articulos de Educacion Ambiental en el periodo 2005-2015: Identificando conocimientos y escenarios - *Maria Mejia-Caceres, BR*
- ID: 994 - The Uptake of Sustainability in Education: An Analysis of the Relationships between Policy and Practice - *Marcia McKenzie,*
- ID: 471 - Sustainability Governance at Universities: Insights from a Qualitative Research Project in Germany - *Marco Rieckmann, DE*
- ID: 16 - Deepening Approaches to Teaching, Learning and Curriculum in Environmental and Sustainability Education - *Alan Reid, AU*
- ID: 84 - Education relative a l'environnement et alphabetisation a l'age adulte. Proposition d'un modele theorique - *Carine Villemagne, CA*

COM-E: Biodiversity

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 17:00 - 18:30

Room: West Meeting Room 111

- ID: 299 - How many butterflies will lose their habitats? - Communicating biodiversity research using virtual and real European butterflies - *Karin Ulbrich, DE*
- ID: 32 - Attitudes and knowledge about the marine ecosystem: An exploratory study in northern Peru - *Daniella Biffi, US*

NTR-E: Blurring the Lines - EE Research and Communities of Practice

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 17:00 - 18:30

Room: West Meeting Room 114

- ID: 155 - Wild Pedagogies: A Scholastic Experiment in Re-Wilding Research - *Michael Sitka-Sage, CA*
- ID: 686 - Blurring the Nature/Culture Divide Through 'Deep Connectivity' - *Lee Beavington, CA*
- ID: 925 - Dynamic Emergence of Kinship in a Global Sanctuary Community of Practice - *Joy O'Neil, US*

AEE-E: Arts-based Urban Education

Strand: Arts-Based Approaches in EE

Format: Novel Format

Time: 17:00 - 18:30

Room: West Meeting Room 115

- ID: 614 - Broadening the Appeal: integrating arts and environmental education in the Toronto Region - *Rachel Stewart, CA*

IEL-E2: EE Across the Themes III

Strand: Special Session

Format: Interactive Posters

Time: 17:00 - 18:30

Room: West Meeting Room 116

- ID: 466 - The Zayed Future Energy Prize Global High Schools Award: A Unique Approach to Environmental Engagement and Education - *Nawal Al Hosany, AE*
- ID: 472 - Medicina Tradicional Mexicana y la Educaci□n Ambiental - *Alma Cuevas-Nunez, MX*

- ID: 490 - Educacion ambiental en un □rea Natural Protegida con la incorporacin de estudiantes universitarios. - *Elena Arano Leal, MX*
- ID: 492 - NUEVOS PARADIGMAS EN LA RELACION HOMBRE NATURALEZA EN LOS ANDES - *Germán Callejas, ES*
- ID: 495 - Environmental Education Certificate Program of Distinction - *Molina Walters, US*
- ID: 509 - Field-based study in tertiary biological sciences: an endangered species? - *Frances Quinn, AU*
- ID: 529 - Saving Nemo through Aquaculture Conservation and Citizen Scientists - *Karen Burke da Silva, AU*
- ID: 542 - Place-based Education in the Anthropocene - *Bob Coulter, US*
- ID: 551 - In children's neighborhood: Bunyaville environmental education center, Queensland, a case study from a close and from a long-distance perspective - *Barbara Maria Sageidet, NO*
- ID: 562 - On-site Solar Energy Generation: The Opportunity for Experiential Learning - *Sarah Finder, DE*
- ID: 603 - Confronting Health-related Challenges of Climate Change through Higher education program - *Pei-Chih Wu, TW*
- ID: 620 - Ecole verte Fatick/Catalogne - *Mamadou TOURE, SN*
- ID: 648 - Know*ledge Constellations and Re*constellating: Narratives to Inform Indigenous-and-Environmental Education - *Brigitte Evering, CA*

SRA-E: Educator and Pedagogy Transformation

Strand: Social Responsibility and Agency / Activism

Format: Interactive Posters

Time: 17:00 - 18:30

Room: West Meeting Room 117

- ID: 750 - How the class actively helped to protect a biodiversity hotspot with TiME - *Uri Shanas, IL*
- ID: 849 - Catch: A Face-to-Face Dynamic Simulation Game for Teaching About Renewable Natural Resource Management and Sustainability - *Harold Glasser, US*
- ID: 478 - Raising awareness of sustainability competences through playing a simulation game, Fishbanks Ltd. - *Jen-shiuan (Susan) Shiau, TW*
- ID: 609 - CONSERVATION EDUCATION AS ENVIRONMENTAL EDUCATION: A CASE STUDY OF A COMMUNITY-BASED NON-GOVERNMENTAL ORGANISATION IN TRINIDAD AND TOBAGO - *Shahiba Ali, TT*
- ID: 787 - Children's Voices about Energy Conservation and Production - *Eileen Merritt, US*
- ID: 983 - Study Abroad Education as mechanism for achieving the Sustainable Development Goals: Investigating the transformative potential of short-term study abroad experiences - *Siobhan Ashe, CA*

PBO-E: Connecting Elementary Students with Nature II

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 17:00 - 18:30

Room: West Meeting Room 118

- ID: 453 - Green Curtain Projects as Placed-Based Education for Sustainable Development - *Ikko Tucker, AE*
- ID: 476 - Outdoor education in Slovenian school system support cultural and environmental education - *Darja Skribe Dimec, SI*
- ID: 541 - Forest Jump: Schoolchildren leading design for school ground greening - *Susan Wake, NZ*
- ID: 547 - Children, Adults and Classes in Turkey are becoming playmates with nature via My Nature Friend's Box game - *Burcu Arik Akyuz, TR*
- ID: 567 - Project Emc2 - Exploring white crowberry coastal habitats - Corema album (L.) D. Don - an environmental outdoor education project as a lever for cultural initiatives - *M. Alexandra Lima, PT*

- ID: 569 - OUT OF BOX - environmental outdoor education in Finland - *Anna Kettunen, FI*
- ID: 853 - Place-based Education for Sustainability and Local Outdoor Learning Within the Schools Curriculum. - *Allain Chimanikire, ZW*
- ID: 1019 - Permaculture Ethics and Principles: Curriculum Design Framework for People and Planet - *Shelley Serebrin, CA*

POL-E: Policy and K-12 Initiatives in EE/ESD (Environmental Action & School Programs)

Strand: Policy and EE

Format: Interactive Posters

Time: 17:00 - 18:30

Room: West Meeting Room 122

- ID: 252 - ESD Policy and Implementation: Practices that Work - *Melanie Parker, US*
- ID: 555 - Nationwide LYKE-network promoting local environmental education in Finland (poster) - *Niina Mykrä, FI*
- ID: 774 - Impacts of the Environmental Education Policy Framework in Ontario: Connecting to EcoSchools - *Elanor Waslander, CA*
- ID: 784 - Integrated instructional programming models for development of 21st century education core competencies - *Walter Gooderham, CA*
- ID: 799 - Why and How PISA Distorts Environmental and Social Goals - *Alberto Arenas, US*
- ID: 823 - Redefining EE in urban setups in the UAE - *AJITA NAYAR, AE*

MONDAY, SEPTEMBER 11, 2017

AEE-G: Means of Production Garden & Trillium North Park

Strand: Arts Based Approaches in EE

Format: Workshop

Time: 10:00 - 12:00

Location: E 6th Ave & St Catherines St, Vancouver, BC V5T 1M1

AGL-G1: Cultivating Learning Network Community Outreach Workshop

Strand: Agriculture and Garden-based Learning

Format: Workshop

Time: 09:30 - 16:00

Location: Children's Garden at UBC Farm & UBC Orchard Garden

- ID: 1037 - Embodied Earthflow and Ecofractal Dance: Jumping Levels of Emergence while Jumping Up - A Garden Co-Encounter - *Marna Hauk, US*
- ID: 1026 - Developing attentiveness and empathy through ecopoetic listening and inquiry - *Susan Gerofsky, CA*

AGL-G2: Kwantlen Polytechnic University – Richmond Campus

Strand: Agriculture and Garden-Based Learning

Format: Workshop

Program: 09:00 - 16:00

Location: 8771 Lansdowne Road, Richmond BC

ARC-G: Surrey Nature Centre

Strand: Architecture and Green Design

Format: Workshop

Time: 10:00 - 15:30

Location: 14225 Green Timbers Way, Surrey

COM-G: Environmental Media

Strand: Environmental Communication (and Uncertainty)

Format: Paper Session

Time: 10:00 - 16:00

Location: Mountain Equipment Co-op Head Office (1077 Great Northern Way, Vancouver, BC V5T 1E1)

- ID: 673 - Transferring a boardgame into an environmental education activity - A case study on the 'Upstream-Downstream' - *Yu-Jie Chang, TW*
- ID: 47 - How an Interactive Popular Science Video for New Media Increases Audience's Understanding of Environmental Issues: Contrasting Persons with an Environmental Science Background vs. Those with a Non-scientific Background - *MeiYing Tsai, TW*
- ID: 349 - Le E-learningune autre façon d'apprendre - *Ihssane El Marouani, MA*
- ID: 144 - Integrating Information and Communication Systems in Urban Environmental Education for Global Transformation Initiatives - *Kalpana Chaudhari, IN*
- ID: 617 - ENVIRONMENTAL EXHIBITION AS A METHOD OF COMMUNITY'S CAPACITY BUILDING IN ENVIRONMENTAL ISSUE - *Susy Suwandi, ID*

ECE-G: Community Workshop – Lynn Canyon Ecology Centre

Strand: Early Childhood Education (ECE)

Format: Paper Session

Time: 10:00 - 16:00

Location: Lynn Canyon Ecology Centre (3663 Park Rd, North Vancouver, BC V7J 3G3)

- ID: 271 - Complexifying child nature/culture encounters to counter the Anthropocene - *Debra Harwood, CA*
- ID: 756 - From the Bubble to the Forest: Nature School Environmental Education - *Barry Wood, US*
- ID: 371 - Pedagogies for Sustainability in Bush Kinder - *Fran Hughes, AU*

ELL-G: BC Teachers' Federation

Strand: Ethics Lead Learning and Sustainability

Format: Workshop

Program: 10:00 - 16:30

Location: 100-550 West 6th Avenue, Prior-Sutherland Board Rooms

GCD-G: Vancouver Aquarium Marine Science Centre

Strand: Global Policy and Environmental Education

Format: Workshop

Time: 09:00 - 16:00

Location: 845 Avison Way, Vancouver, BC V6G 3E2

IEE-G: Bill Reid Gallery of Northwest Coast Art

Strand: Indigenous Knowledge and Environmental Education

Format: Workshop

Time: 10:00 - 16:00

Location: 639 Hornby St, Vancouver, BC V6C 2G3

NTR-G1: Community Engagement Roundtables

Strand: Nature as Teacher / Researcher

Format: Roundtables

Time: 10:00 - 11:00

Location: Stanley Park Ecology Society (610 Pipeline Rd, 2nd floor)

- ID: 352 - A Scientific Tool for Multi-Level Environmental Education in the Peruvian Amazon - *Carmen Chavez, US*
- ID: 861 - Environmental learning on the fly - *Philip Mullins,*
- ID: 864 - The influence Out of Water Diving exhibition has on students' conception about marine environment. - *Naomi Towata, BR*

NTR-G2: Technology and EE: Across the Spectrum

Strand: Nature as Teacher / Researcher

Format: Paper Session

Time: 11:00 - 12:00

Location: Stanley Park Ecology Society (610 Pipeline Rd, 2nd floor)

- ID: 792 - Discovering Nature in the Technological aGE - *Dylan Leech, CA*

- ID: 870 - Feeling for Compassion: Visceral Sensing Nature-Culture Justice - *Joy O'Neil, US*

PBO-G: Using Technology to Engage Students and Teachers in Place-Based Learning

Strand: Place-based Education and Outdoor Learning

Format: Paper Session

Time: 10:00 - 16:00

Location: Science World British Columbia (1455 Quebec Street, Vancouver, BC V6A 3Z7)

- ID: 435 - Where STEM binds, and ST(eee)EM flows: A case for where in STEM discourse and practice - *Hartley Banack, CA*
- ID: 487 - Using Digital Tools to Engage Teachers & Students in Climate Change Education - *Stephen Sheppard, CA*
- ID: 767 - Using on-line virtual reality and community based learning as a vehicle for sustainability and climate education - *Frank Granshaw, US*

PCI-G1: Community Outreach Workshop - WEEC2017 RESEARCH SYMPOSIUM

Strand: Perspectives, Challenges and Innovations in Research

Format: Symposium

Time: 10:00 - 16:00

Location: Morris J Wosk Centre for Dialogue (580 W Hastings St, Vancouver)

SRA-G: Community Engagement Workshop

Strand: Social Responsibility and Agency / Activism

Format: Paper Session

Time: 09:00 - 10:00

Location: Unitarian Church of Vancouver (949 49 AVE W, Vancouver, BC V5Z 2T1)

- ID: 942 - Inward Bound: How the Fields of Peacemaking, Social and Emotional Learning and Educating for Social Responsibility Can Impact EE Pedagogy in Outdoor Expeditionary Settings - *Laura Parker Roerden, US*
- ID: 782 - Developing Awareness: Exploring the Use of Interiority Work to Increase Propensity for Environmental Stewardship - *Cheryl Re, CA*
- ID: 556 - People and pest animals: Role of identity and feelings - *Sally Birdsall, NZ*
- ID: 76 - Environmental child soldiers of Surabaya, Indonesia - *Kelsie Prabawa-Sear, AU*

URB-G: Douglas College – New Westminster Campus

Strand: Urban Eco-systems

Format: Workshop

Time: 10:00 - 16:00

Location: 700 Royal Avenue, New Westminster, BC (Aboriginal Gathering Place)

TUESDAY, SEPTEMBER 12, 2017

PCI-F: Research Round Table III

Strand: Perspectives, Challenges and Innovations in Research

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 110

- ID: 706 - Youth co-design in an informal environmental education program - *Theresa Horstman, US*
- ID: 467 - Dark Pedagogy - *Stefan Bengtsson, SE*
- ID: 251 - Teaching about Sustainability: Describing Early Career Teachers' Classroom Practices - *Eileen Merritt, US*
- ID: 992 - Environmental Education: the Major Work of Ensuring Quality and Outcomes in Connecting Environment and Education - *Alan Reid, AU*
- ID: 996 - Influences on the Development and Mobilization of Sustainability in Education Policy - *Marcia McKenzie, CA*
- ID: 558 - Exploring student perspectives of learning for sustainability, and experiences of sustainability cultures on campus - *Rachel Drayson, GB*

COM-F: Risk and Uncertainty

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 111

- ID: 488 - The study of environmental risk communication strategy: an example of environmental communication of climate-change - *Yuh Yuh Li, TW*
- ID: 354 - Citizen science in drought research: does getting hands-on with ecology alter volunteer perception of risks and resilience? - *Patty Ramirez, GB*
- ID: 618 - Teaching anticipation for sustainability: Sitting with uncertainty. - *Senan Gardiner, DE*
- ID: 565 - Pedagogical strategies for teaching how to manage contradictory and uncertain environmental knowledge - *Rebekah Tauritz, GB*
- ID: 470 - An International Study on Education and Resilience with Special Focus on Disaster-Affected Areas in Asia and the Pacific - *Yoshiyuki Nagata, JP*

URB-F: Techniques in Urban Environmental Education

Strand: Urban Ecosystems

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 112

- ID: 162 - The importance of embedding sustainable Biophilic Design strategies in interior architecture and design education - *Carolyn Hayles, GB*
- ID: 437 - Ecosystèmes urbains : le parc bangr-weogo de Ouagadougou, un outil d'éducation environnementale - *Roger BARO, BF*
- ID: 440 - The city as a system - Streamlining inter-/multi-disciplinarity in urban environmental higher education by subscribing to system theory and thinking - *Johannes Hamhaber, DE*
- ID: 538 - Connecting threads between performance art, urban design and environmental education - *Susan Wake, NZ*

- ID: 670 - The relations of human beings with other beings in a Brazilian educational urban context. - *Andréia Nasser Figueiredo, BR*
- ID: 761 - EVALUATION OF THE RECYCLABLE MATERIAL DISPOSAL - *Rosangela Borém, BR*
- ID: 795 - Knowledge and attitudes towards bumblebee-friendly gardening: A survey of Fraser Valley residents and university students - *Michelle Riedlinger, CA*

AEE-F: Performing Arts and Sculptural / Tactile Approaches

Strand: Arts-Based Approaches in EE

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 115

- ID: 588 - Sustainable dramas for head and body - *Marianne Odegaard, NO*
- ID: 436 - Enhancing and reinforcing the interplay of nature and music with elementary school students - *Matthew Yanko, CA*
- ID: 854 - Artists as Culture-Makers: Educating for a Culture of Waste Reduction through Marine Debris Art - *Jennifer MacLatchy, CA*
- ID: 719 - Promoting Arts Based Environmental Education for Primary School Pupils in Guyana - *Paulette Bynoe, GY*

ANF-F: Additional Novel Formats

Strand: Additional Novel Formats

Format: Novel Format

Time: 08:30 - 10:00

Room: West Meeting Room 116

- ID: 934 - Weaving Conversation Circles for New Understandings - *Sharon Kallis, CA*

SRA-F: Global Environmental Education Goals and Monitoring Success

Strand: Social Responsibility and Agency / Activism

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 117

- ID: 489 - Catalyzing a Research Cluster for Social Mobilization on Climate Change using Digital Tools - *Stephen Sheppard, CA*
- ID: 909 - Youth Action for Environmental Protection - *Elaine Nevin, IE*
- ID: 290 - Benchmarking the Desirable Attributes of Change Agents for Urban Green Lifestyles - *Tassanee Ounvichit, TH*

IEL-F: EE Across the Themes IV

Strand: Special Session

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 118

- ID: 654 - Environmental education and sustainable tourism in Ember indigenous communities of the Chagres River. - *Rolando Checa Campos, PA*
- ID: 664 - Environmental Education Centers: A European Paradigm - *Constantinos Yanniris, GR*
- ID: 702 - Ecological sanitation technology and agriculture - *SARRA KITANO, MA*

- ID: 721 - Special management waste in the ENMS Leon, Universidad de Guanajuato: the collection center - *Juana Ortiz Cienega, MX*
- ID: 734 - How Can "Pokemon Go" Apply to Your Environmental Education Program? - *Xue Dong, US*
- ID: 736 - The land value for indigenous peoples of the Amazon region of Acre, Brazil - *Rosely Imbernon, BR*
- ID: 757 - Cultural Literacy/Environmental Education - *Barry Wood, US*
- ID: 763 - Assessment of competencies for sustainability in secondary education in Mexico - *Jorge Rodriguez Aboytes, MX*
- ID: 772 - Eco-san Latrine System and Its Acceptability by the Community in Democratic Republic of Congo - *Stanis Koko, CD*
- ID: 773 - Educational Commons: Strategies, barriers and innovations in teaching Sustainable Development - *Cristina Capineri, IT*

ECE-F: Citizenship, Identity & Conceptions of Nature

Strand: Early Childhood Education (ECE)

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 119

- ID: 52 - The Power of Childhood Attunements in Nature to Shape Adult Socio-Cultural Behaviors This workshop is designed to share my recent integral research on Cultural Ways of Forming Ecological Identities and Factors Affecting Their Ontologies. Workshop partic - *Betsy Jardine, CA*
- ID: 131 - THE THEORY AND PRACTICES OF MEDIATED LEARNING EXPERIENCE - *Bhavishya Sunar, NP*
- ID: 157 - Children as Agents of Change for Environmental Sustainability: An Early Childhood Case Study - *Ann Montague, CA*

IEE-F: Indigenous Perspectives from Africa II

Strand: Indigenous Environmental Education

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 120

- ID: 869 - ASSESSING THE ROLE OF CULTURAL ACTIVITIES IN BIODIVERSITY CONSERVATION AMONG THE TUGEN - LEMBUS COMMUNITY IN BARINGO, KENYA - *REBECCA SIRUCHA, KE*
- ID: 957 - The sacred sites of Dan people in Cote d'Ivoire: factors of environment conservation - *Dien Olivier, CI*

GCD-F: Global and Cultural Diversity Roundtable I

Strand: Global and Cultural Diversity

Format: Roundtables

Time: 08:30 - 10:00

Room: West Meeting Room 121

- ID: 75 - The role of culture in Indonesian EE - *Kelsie Prabawa-Sear, AU*
- ID: 91 - THINK GLOBALLY AND ACT LOCALLY: RETHINKING RELEVANCE IN THE PURSUIT OF SUSTAINABILITY OF OUR GLOBAL ENVIRONMENT - *Chisa S C, NG*
- ID: 249 - Environmental Education in Culture Diversity in Indonesia - *Ida Darmapatni, ID*
- ID: 345 - Decarbonize 2017: A Global Mobilization of Youth around Climate Change - *Terry Godwaldt, CA*

- ID: 533 - Taiwan Australian Environmental Education Partnership - *David Kopelke, AU*
- ID: 632 - Del campo a la ciudad: construir una nueva globalidad a partir de nuestra diversidad cultural. Experiencia en la formación de educadores ambientales. - *Nancy Benítez Esquivel, MX*

POL-F: Adaptation to Climate Change - Global, National and Local Policy Development

Strand: Policy and EE

Format: Interactive Posters

Time: 08:30 - 10:00

Room: West Meeting Room 122

- ID: 143 - TRANSFORMING SARIAYA, QUEZON, PHILIPPINES INTO A CLIMATE-SMART ECOTOWN - *Ronnie Lindog, PH*
- ID: 420 - The role of open distance education and e-learning in developing climate literacy in South Africa - *Muchaiteyi Togo, ZA*
- ID: 649 - Inspiring Climate Change Action Through Community Dialogue - Novel Format - *Maria Loffredo Roca, US*

PLS-D: Elizabeth May OC MP

Format: Plenary Session

Time: 10:30 - 12:00

Room: West Ballroom A

Chair/ Respondent: Bob Jickling, CA

IEL-H: UNEP Session - Supporting Policy through Education - No More Plastic Bags in Kenya

Strand: Special Session

Format: Workshop

Time: 13:00 - 14:30

Room: West Meeting Room 109

PCI-H: Research Round Table IV

Strand: Perspectives, Challenges and Innovations in Research

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 110

- ID: 463 - The emergence of adolescent leaders for sustainability - *Patricia Armstrong, AU*
- ID: 557 - THE ETHNOMATEMATICS POSTURE IN ENVIRONMENTAL RESEARCH PROCESSES. communitarian sustainable development in act - *Monica Mesquita,*
- ID: 663 - Citizen sciences as reflexive, contextual social movements - *Priya Vallabh, ZA*
- ID: 802 - RESEARCH IN ENVIRONMENTAL EDUCATION FROM THE QUALITY PERSPECTIVE OF PUBLICATIONS IN IBEROAMERICA - *Héctor Beltrán Gutiérrez, CO*
- ID: 661 - Environmental Education as a Catalyst for Curricular Integration - *Constantinos Yanniris, GR*
- ID: 1041 - Challenges for Environmental Education to promote interdisciplinary research and scientific production at times of subordination - *Dulce Pereira, BR*
- ID: 305 - Holistic and Transformative Learning towards a Sustainable Life: how can be the Spanish Public Universities inspired for the case of the Schumacher College - *Leslie Mahe Collazo-Exposito, ES*
- ID: 197 - Systems Thinking and Transformative Environmental/Global Education: The Justification of Boundary Judgements - *J. Melanie Young, CA*
- ID: 628 - Mise en oeuvre et analyse critique de projets transdisciplinaires en éducation relative à l'environnement et alphabétisation à l'âge adulte - *Carine Villemagne, CA*

COM-H: Climate Change I

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 111

- ID: 30 - CLIMATE CHANGE MITIGATION PRACTICES TO PROMOTE SAFE WATER AND SANITATION IN NANGABO SUB COUNTY - *Norman Juuko, UG*
- ID: 596 - Climate Change Keywords Mining in the News and Secondary Science Textbooks in Taiwan - *Chih-Ling Peng, TW*
- ID: 808 - Fueling change? Exploring guilt in climate change communications - *Caitlin Hill, CA*

URB-H: Urban Ecosystem Characteristics and Impacts in Environmental Education

Strand: Urban Ecosystems

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 112

- ID: 8 - Ecological restoration in cities: The challenges of teaching about novel ecosystems and layers landscapes - *Valentin Schaefer, CA*
- ID: 325 - Case studies for maintaining and enhancing urban greenery - *Phuong Nguyen, VN*
- ID: 836 - Environmental shifts and cultural influences in the transition of a wetland ecosystem of the Sumas Lake to the urban ecosystem of the Sumas Prairie - *Mariano Mapili, CA*

ELL-H: Case Studies in Ethics I

Strand: Ethics Lead Learning in EE

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 113

- ID: 506 - Pro-poor Environmental Education and Sustainable Livelihoods: A Case Study at a Small Recreational Fish Farm in Taiwan - *Hui-Nien Lin, TW*
- ID: 411 - EDUCAR PARA UNA CULTURA DE LA SOSTENIBILIDAD EN LOS CENTROS EDUCATIVOS DE GALICIA - ESPANA - *Germán Vargas Callejas, ES*
- ID: 737 - Environmental ethics and the impacts of mining: the case of Mariana, MG, Brazil - *Rosely Imbernon, BR*
- ID: 566 - Can we transform Economics into an environmentally-sustainable science? - *Calin Gurau, FR*
- ID: 744 - A study on developing a pilot biodiversity educational tool to communicate the discord between wildlife and humans - *SHIHO MIYAKE, JP*
- ID: 265 - Food Consumption Behaviour: A Case Study at University of Gävle, Sweden - *Bo Lennart Andersson, SE*

NTR-H: Teaching as If Place Has Something to Say

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 13:00 - 14:30

Room: West Meeting Room 114

- ID: 335 - Challenges and opportunities of an indigenous- non-indigenous environmental partnership - *Chris North, NZ*

- ID: 485 - Natural World as Co-Teacher - *Laura Piersol, CA*
- ID: 810 - If whales are cultural beings and trees can talk, how can we teach our students to listen to what they say? - *Elin Kelsey, CA*

AEE-H: Arts-Based EE Interactive Poster Session I

Strand: Arts-Based Approaches in EE

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 115

- ID: 447 - The Power of the Cow - Art + Agriculture = Food/Biosecurity, and Climate Change education in Australian schools - *Lorraine Larri, AU*
- ID: 383 - The use of the arts to raise awareness among elementary school students about endangered species like the gizani† of Rhodes. - *Vasileios Papavasileiou, GR*
- ID: 379 - JUGAR A LA SUSTENTABILIDAD AMBIENTAL - *MAURICIO GUERRERO, MX*

SRA-H: Education and Environmental Economics

Strand: Social Responsibility and Agency / Activism

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 117

- ID: 862 - Greening Making @ UBC Girls' Makeathon - *Paula MacDowell, CA*
- ID: 769 - Teaching Corporate Social Responsibility (CSR): special features and proposals for management education - *Cedrine Joly,*
- ID: 105 - Carbon, Climate and Coffee _†_ Building Alliances between Fair Trade, Small-Scale Farmers and Regenerative Organic Agriculture - *Monika Firl, CA*
- ID: 469 - Sustainability-driven entrepreneurship: round table on a new joint master curriculum - *Marco Rieckmann, DE*

PBO-H: Community Involvement in Place-Based Learning

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 118

- ID: 304 - Children's access to gardens in Norway, India and the United Kingdom - *Barbara Maria Sageidet, NO*
- ID: 398 - Exploring processes of informal learning concerning biodiversity among local users of natural resources in Sweden - *Diana Garavito-Bermudez, SE*
- ID: 450 - Significados y conexiones de estudiantes de educación primaria con los lugares habitados - *Karina De Alba Villaseñor, MX*
- ID: 511 - Exploring the Potential for Place-based Climate Change Engagement in New Zealand National Parks - *Karen Hytten, NZ*
- ID: 524 - Social-Ecological Dynamics and Local Knowledge on Islands: A Case Study of Dongjiyu in Taiwan - *WEICHIEH LIN,*
- ID: 573 - A model of immersive environmental education: The Lost Valley Education and Events Center in Dexter, Oregon - *Calin Gurau, FR*
- ID: 820 - Reef Education to Sea Country connections: Innovation of co-learning for a sustainable future. A success story for tourism and environmental education on the Great Barrier Reef. - *Marie Taylor, AU*
- ID: 1052 - THE LAGOON THAT UNITES US ALL - *Liliana Pulido, MX*

- ID: 70 - Effectiveness of a Marine Education Program on Junior High School Students with a Specific Focus on Satoumi: a case study of a sustainable coastal community development in Japan - *Ryo Sakurai, JP*

ECE-H: EE/ESD in Early Childhood

Strand: Early Childhood Education (ECE)

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 119

- ID: 81 - Education au developpement durable au Benin et en Belgique - *Séverin Tchibozo, BJ*
- ID: 165 - International perspectives on early childhood education for sustainability in the Asia-Pacific: Weaving new connections for change - *Lyndal OGorman, AU*
- ID: 930 - Practice and Exploration of Environmental Education 1 + N in Sichuan, China - *Xiaohua Zhu,*
- ID: 390 - Exploring Early Childhood Learning Environments in terms of ESD and Media Literacy: A Needs Assessment Study of the Turkish Context - *SULE ALICI, TR*

IEE-H: Diversity of Voices in Indigenous EE I

Strand: Indigenous Environmental Education

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 120

- ID: 226 - Interconnected understandings: Exploring Indigenous children's social construction of nature in Latin America. - *Monica Yadeun de Antunano, MX*
- ID: 237 - Weaving Traditional Ecological Knowledge into Indigenous Youth Education: A Case Study in Eastern Rural Taiwan - *Kuang-Chung Lee, TW*
- ID: 192 - Aboriginal Community Engagement in Primary School Environmental Education: Promoting Learning about Sustainability through a Cross-Cultural Lens - *Judith Wilks, AU*

GCD-H: Global and Cultural Diversity Roundtable II

Strand: Global and Cultural Diversity

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 121

- ID: 667 - Different social (group) with different learning: Comparing characteristics and strategies of social learning between urban and rural NGO in eastern Taiwan - *Mengyuan Jen, TW*
- ID: 102 - The Role of Indigenous Knowledge in Sustainable Living in the North Rupununi in Guyana - *Paulette Bynoe, GY*
- ID: 358 - Environmental Identity: considering comparative social contexts - *Sarah Stapleton, US*
- ID: 513 - Diversifying Environmental Education Practice and Research: Exploring Alternatives Within the Cultural and Social Contexts of Asia - *Sachi Ninomiya-Lim, JP*

POL-H: Public Education and Policy Implementation; Public Policy and EE

Strand: Policy and EE

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 122

- ID: 406 - Politica Global y Educacion Ambiental - *Rafael Ramirez Beltran, MX*

- ID: 592 - Enhancing achievement of SDGs through environmental sustainability practices in public sector in Kenya - *Ayub Ndaruga, KE*
- ID: 685 - La política nacional de Educación Ambiental en Colombia: resultado de un proceso formativo - investigativo, para su apropiación e institucionalización en el ámbito local - *Maritza Torres Carrasco, CO*
- ID: 815 - EA Program of a provincial government with national projection - *Claudia Terenghi,*
- ID: 917 - EE, ESD, and SDGs in Japan - *Kumi TASHIRO, JP*
- ID: 1042 - The environmental education center systems in Taiwan and Korea and perceived roles of national - regional - local centers - *Chankook KIM, KR*

PLS-E: Dr. Tara Cullis

Format: Plenary Session

Time: 15:00 - 16:30

Room: West Ballroom A

Chair/ Respondent: Cam Mackenzie, AU

- Why Work with Half a Brain: Diversity Makes Us Smarter

WEDNESDAY, SEPTEMBER 13, 2017

PLS-F: Dr. David Suzuki

Format: Plenary Session

Time: 08:30 - 10:00

Room: West Ballroom A

Chair/ Respondent: David Zandvliet, CA

- The Challenge of the 21st Century: Setting the Bottomline in the Anthropocene

IEL-J1: EE Across the Themes V

Strand: Special Session

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 109

- ID: 154 - IMPACT OF CLIMATE CHANGE ON AGRICULTURAL ECONOMIC - *Karuna Ghimire, NP*
- ID: 360 - Honoring our Elders: Learning Science through Place-Based Approaches - *Yuen Sze Michelle Tan, CA*
- ID: 1043 - TNC China Youth Engagement Program - *Xinchen Wei, CN*
- ID: 1055 - An Examination of the Research and Innovative Planning Initiatives of North America's Largest Solar Driven Sustainable Green Florida Community - *William Hammond, US*
- ID: 923 - Significance and possibility of indigenous environmental education research from Japanese context: A new method and approach - *Yuko Oguri, JP*
- ID: 416 - A Critical Review of ESD in Japan: Beyond the Practice of Pouring New Wine into Old Bottles - *Yoshiyuki Nagata, JP*

PCI-J: Research Round Table V

Strand: Perspectives, Challenges and Innovations in Research

Format: Roundtables

Time: 10:30 - 12:00

Room: West Meeting Room 110

- ID: 559 - THE SUSTAINABILITY OF HUMAN INTELLIGIBILITY. Researching to "unhierarchize" the environmental educational processes - *Monica Mesquita, PT*
- ID: 988 - A Comparative Case Study Approach to Researching Environmental and Sustainability Education - *Marcia McKenzie,*
- ID: 372 - Efforts to establish 'Evaluation of Environmental Education Program' as an academic discipline in Japan - *Ryo Sakurai, JP*
- ID: 245 - Multi-Stakeholder collaboration for sustainability education: The evaluation and assessment of Regional Centers of Expertise on Education for Sustainable Development. - *Junior Ramsoram, CA*
- ID: 206 - Sustainable Education: An essential contribution in the quadrupool helix interaction towards a sustainable paradigm shift. - *Dirk Franco, BE*
- ID: 217 - Entre Natures et Cultures, Individus et Societe's, construire collectivement la Citoyennet Planetaire - *Sylvie Kergreis, FR*
- ID: 990 - Towards an ABC of what matters in research about climate change education - *Alan Reid, AU*

COM-J: Climate Change II

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 10:30 - 12:00

Room: West Meeting Room 111

- ID: 433 - Environmental Communication: reflections in the field of Climate Justice for the inclusion of people with visual impairment - *Giselly Gomes, BR*
- ID: 405 - LAS REPRESENTACIONES SOCIALES DEL CAMBIO CLIMÁTICO EN UN GRUPO DE ESTUDIANTES DE LA UNIVERSIDAD DE SANTIAGO DE COMPOSTELA: CULTURA COMÚN VS. CULTURA CIENTÍFICA - *Kylyan Bisquert i Pérez, ES*

ANF-J: Additional Novel Formats

Strand: Additional Novel Formats

Format: Novel Format

Time: 10:30 - 12:00

Room: West Meeting Room 112

- ID: 935 - Drawing meaning from nature: observation, symbols and stories - *Robi Smith, CA*

ELL-J: Case Studies in Ethics II

Strand: Ethics Lead Learning in EE

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 113

- ID: 215 - Environmental Education, Ethics and Action: Re-imagining critical skills for sustainable lifestyles and global citizenship - *Bob Jickling, CA*
- ID: 149 - The unspoken place of environmental violence in environmental education - *Richard Kool, CA*
- ID: 644 - CAMINOS EDUCATIVOS PARA UNO CONVIVIO MEJOR ENTRE HUMANOS Y JAGUARES - *Lakshmi Hofstatter, BR*
- ID: 635 - MEMORIA Y AUTOCONOCIMIENTO EN LAS EXPERIENCIAS AMBIENTALES URBANAS COMO UNA PROPUESTA EDUCATIVA - *Lakshmi Hofstatter, BR*
- ID: 834 - El concepto de sustentabilidad. - *Jose Silverio Morales, MX*
- ID: 860 - An Ethic of Belonging for Outdoor Education within a Sustainability Paradigm - *Philip Mullins, CA*
- ID: 969 - CARE CONSTRUCTION THROUGH PRUDENCE AND BENEVOLENCE AS A PRACTICE FOR A HARMONIC SUSTAINABLE DEVELOPMENT - *Morales Gabriela, MX*
- ID: 1022 - Nature as Researcher and a Different Approach to Research Review: Living Systems Leading Ethics for Educational Research and Sustainability - *Marna Hawk, US*

NTR-J: Educating in Non-Traditional Places

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 10:30 - 12:00

Room: West Meeting Room 114

- ID: 324 - Cultivating Slow Knowledge at the Garden: Children's Voices about Learning to be With the More-than-Human World - *Tathali Urueta-Ortiz, CA*
- ID: 781 - Animal Assisted Learning Comes to Simon Fraser University - *Carolyn Mamchur, CA*

IEL-J2: EE Across the Themes VI

Strand: Special Session

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 115

- ID: 788 - Recurrent drought in Somalia and Genuine factors behind it - *Mohamud Ahmed, SO*
- ID: 807 - Considering the Stories of Other Beings in Our Midst - *Zuzana Vasko, CA*
- ID: 847 - Learning the river culture by playing, studying and discussing. (Results and experiences from case studies) - *Elena Comino, IT*
- ID: 859 - The Process of equipment: Perceptions of Technology, Skill, and Risk in the Outdoors - *Kevin Fraser, CA*
- ID: 889 - Getting Australian teachers started with sustainability - *Mark Caddey, AU*
- ID: 939 - Inclusion, equality of opportunity and perception of the environment in the higher education system in Morocco. - *Mohammed YOUNBI IDRISSE, MA*
- ID: 958 - Teaching Global Indigenous cultures to young learners - *Sophia Hunter, CA*
- ID: 974 - Educate to walk together : free ludic spaces for children. - *Maria Montalbano, IT*
- ID: 1002 - Explorations in the Practice of Eco-Art: A Phenomenological Arts Informed Research Project - *Vivian Wood-Alexander, CA*
- ID: 1014 - Beach Investigators - *Mark Bryant, US*
- ID: 1025 - Blended Learning in Development - *Jaime Webbe, KE*

ARC-H: Green Building Materials

Strand: Architecture and Green Design

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 116

- ID: 247 - SUSTAINABLE CONSTRUCTION AND ENVIRONMENTAL EDUCATION - *Micheli Machado, BR*

SRA-J: Partnerships and Collaboration Roundtable

Strand: Social Responsibility and Agency / Activism

Format: Roundtables

Time: 10:30 - 12:00

Room: West Meeting Room 117

- ID: 839 - REAPROVEMENT OF RADIOGRAPHIES FOR THE ENVIRONMENT, HEALTH AND CITIZENS 'TRAINING - *Marília Cândida de Oliveira, BR*
- ID: 803 - Contents of local hydrology in the courses of environmental and watershed training 2013-2014 of the National Network of Environmental Education (RENEA), Uruguay - *Carlos Anido, UY*
- ID: 464 - Eco Champions: an integrated approach to the whole community leadership for sustainability - *Patricia Armstrong, AU*
- ID: 306 - Sustainability in Higher Education Subjects: UniversityCommunity Co-Creation Process in the City of Girona - *Leslie Mahe Collazo-Exposito ES*

PBO-J: Exploring Ecological Pedagogy and Place-Based Learning

Strand: Place-based Education and Outdoor Learning

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 118

- ID: 85 - Exploring Tools of Imaginative Ecological Education - *Gillian Judson, CA*

- ID: 182 - Stories of advocacy in place-responsive pedagogy - *Peter Renshaw, AU*
- ID: 225 - PEDAGOGY + PLACE + PEOPLE Critical reflections on an interdisciplinary Amazon field school experience through a Lefebvrian lens. - *Lucie Gagne, CA*
- ID: 244 - Hogar, escuela y espacios de recreacion: El sentido de lugar en juvenes universitarios - *Yolanda Feria-Cuevas, MX*
- ID: 328 - El trabajo de campo como complemento de la educaci n ambiental con ni os, en un campamento de protecci n de tortugas marinas en M xico - *Blanca BOJ RQUEZ MART NEZ, MX*
- ID: 351 - Emociones e interacciones que caracterizan el sentido de lugar en juvenes universitarios - *Yolanda Feria-Cuevas, MX*
- ID: 616 - Educaci n Ambiental para la Paz - *Sindy Le n, CO*
- ID: 938 - The Ability of Nature to Foster Growth - *Maddie Dineen, US*
- ID: 42 - Living Wild - *Daniella Roze des Ordon, CA*

ECE-J: National Issues and Early Childhood Education

Strand: Early Childhood Education (ECE)

Format: Roundtables

Time: 10:30 - 12:00

Room: West Meeting Room 119

- ID: 97 - Benefits of educating flood environmental risk to primary school students: experience from Sudan - *Eltigani Abdelgalil, SD*
- ID: 475 - SCHOOL AND NON-SCHOOL CHILDREN AND ENVIRONMENTAL PROTECTION - *NDASHIMYE DARYL, BI*
- ID: 329 - The application of environment education in Iraq, goals and real situation - *Alaa Abdullah, IQ*

IEE-J: Diversity of Voices in Indigenous EE II

Strand: Indigenous Environmental Education

Format: Interactive Posters

Time: 10:30 - 12:00

Room: West Meeting Room 120

- ID: 580 - Re-discovery of Kiganda Indigenous Plants - *Kevina Kezabu, AU*
- ID: 412 - Environmental Culture: Beginning and End of Environmental Education in Mexican Agroecological Learning Communities. - *Maria Virginia Gonzalez-Santiago, MX*
- ID: 777 - The impact of EE in sustainable development projects in indigenous communities in Mexico - *Montserrat Gonzalez, MX*

POL-J: International Policy Initiatives in Sustainability and EE

Strand: Policy and EE

Format: Roundtables

Time: 10:30 - 12:00

Room: West Meeting Room 122

- ID: 410 - Review of the Unit-Based Sustainability Assessment Tool for alignment with GAP priorities and Sustainable Development Goals - *Geraldine Kumalo, ZA*
- ID: 844 - Youth Engagement in Environmental Education - *Brian Waswala, KE*
- ID: 1010 - The Promise of Benchmarks and the SDGs for a Sustainable Future - *Kim Smith, US*
- ID: 645 - A comparative analysis of EE Acts: Lessons learned and policy implications for the future - *Judy Braus, US*

IEL-K: EE Across the Themes VII

Strand: Special Session

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 109

- ID: 598 - LA NATURALEZA COMO MAESTRA: Educaci3n Ambiental en el 3rea de influencia de ITAIPU Binacional - *Ada Rivas de Escobar, PY*
- ID: 831 - El 3mbito rural de Mexico. Espacio posible de la educaci3n ambiental que impulse proyectos productivos sustentables. - *Jose Silverio Morales, MX*
- ID: 832 - Estudio ambiental integral de la zona lacustre-chinampera de San Pedro Tiahua CDMX. Hacia una propuesta para apuntalar procesos de conservaci3n biol3gica y productivos, mediante una estrategia de educaci3n ambiental. - *Jose Silverio Morales, MX*
- ID: 701 - Performance of External Membrane Bioreactor for wastewater treatment and irrigation reuse - *SARRA KITANOU, MA*
- ID: 110 - Microorganisms as new expression systems in technology - *Foroogh Nejatollahi, IR*
- ID: 865 - Analisis de los art3culos cient3ficos de Investigaci3n en Educaci3n Ambiental de pases Iberoamericanos - *Antonio Fernandez Crispin, MX*
- ID: 1057 - Unlocking the hidden power of worldviews: a new opportunity for the transformative Education for Sustainable Development - *Emilia de la Sienra, AU*
- ID: 1067 - "Good, better, best": how do we label practice in environmental and sustainability education, and should we? - *Richard Kool, CA*
- ID: 1068 - Fostering positive changes towards community wastes and the environment: Testing an environmental education intervention in a Chinese Loess Plateau village - *Aiqin Wang, CN*
- ID: 1070 - A socioecological approach to landscape interpretation in biosphere reserves; the case of Montseny biosphere reserve - *Cynthia Pereira, SP*

PCI-K: Research Symposium IV

Strand: Perspectives, Challenges and Innovations in Research

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 110

- ID: 690 - Wild Pedagogies: Reflections on Writing a Manifesto at/with Sea - *Michael Sitka-Sage, CA*

COM-K: Higher Education

Strand: Environmental Communication (and Uncertainty)

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 111

- ID: 56 - Modelling sustainability through energy-saving on campus: Student perspectives from 8 universities in 3 countries - *Debby Cotton, GB*
- ID: 193 - How does academic environmental education change the way students evaluate the severity of environmental problems? - *Nurit Carmi, IL*
- ID: 330 - Cinco formas de comunicar la educaci3n ambiental en contextos inciertos en Mexico (1992-2017) - *Rafael Ramirez Beltran, MX*

URB-K: Teaching About Quality of Life

Strand: Urban Ecosystems

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 112

- ID: 389 - LA PERCEPCIÓN DEL TRANSPORTE ECOLÓGICO COMO ALTERNATIVA AL CAMBIO CLIMÁTICO EN ESTUDIANTES DE BRASIL, ESPAÑA, MÉXICO Y PORTUGAL - *Germán Vargas Callejas, ES*
- ID: 491 - EL MODELO DE VIDA URBANO Y SU RELACION CON EL CAMBIO CLIMATICO EN BRASIL, ESPAÑA. MEXICO Y PORTUGAL - *Germán Callejas, ES*
- ID: 544 - The Canal Participatory Conservation for Tourism Encouragement of the Waterfront Communities - *Paranee Srisawad, TH*
- ID: 593 - Développement de l'Agroécologie : espace témoin de changements de mode de consommation vers plus de durabilité en milieu urbain. - *Loubna Chaouni, MA*
- ID: 886 - Valoración socio-económica de servicios ecosistémicos de regulación y belleza escénica del pedregal de San Ángel, Ciudad de México - *Lucia Almeida, MX*

NTR-K: Engaging Nature in Research Methods

Strand: Nature as Teacher / Researcher

Format: Novel Format

Time: 13:00 - 14:30

Room: West Meeting Room 114

- ID: 991 - Re-framing Adventure Education in the Anthropocene: A topographic ethnography of the embodiment of place and adventure in the Himalaya - *Mary Jackson, US*
- ID: 1029 - Gaian Methodologies: Meta Methodology of Nature as Researcher and Nature as Teacher - *Marna Hawk, US*
- ID: 1034 - Onward and Inward: Cycling Solo Across a Continent to Connect with Nature and Self - *Haley Guest, CA*

AEE-K: Arts-Based EE Interactive Poster Session II

Strand: Arts-Based Approaches in EE

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 115

- ID: 37 - Stream of Dreams 'Fish on Fences' - *Louise Towell, CA*
- ID: 877 - Nature and Art in Environmental Education - *Ana Olga Medina, PR*

PCI-G3: Research Symposium III

Strand: Perspectives, Challenges and Innovations in Research

Format: Paper Session

Time: 13:00 - 14:30

Room: West Meeting Room 116

- ID: 639 - Repères contemporains pour une éducation relative à l'écocitoyenneté - *Lucie Sauve, CA*

SRA-K: Case Studie - Risks, Resources and Response

Strand: Social Responsibility and Agency / Activism

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 117

- ID: 535 - Content Analysis of Descriptions of Exhibits in Nuclear Disaster Memorial Museums - *Shinobu Goto, JP*
- ID: 1000 - On the technological accident with the Samarco dams in Brazil: Is there future in the mud? dam collapse in Brasil - *Dulce Pereira, BR*
- ID: 833 - Study of the efficiency of Moringa oleifera in the quality of the water to the irrigation in the rural district Sobradinho - City of Uberlandia - MG. - *MARILIA DE OLIVEIRA, BR*
- ID: 283 - Contents of local hydrology in the courses of environmental and watershed training 2013-2014 of the National Network of Environmental Education, Uruguay - *Carlos Anido, UY*
- ID: 496 - UNA PANORAMICA DE LA ACTUAL SITUACION DE EMERGENCIA Y ARTICULACION DEL MOVIMIENTO AGROECOLOGICO EN GALICIA - *Kylyan Bisquert i Pérez, ES*
- ID: 402 - UN ESTUDIO COMPARADO DE TRES UNIVERSIDADES EN TRANSICION: POSIBILIDADES EDUCATIVAS DEL MODELO DE LAS TRANSITION TOWNS EN EL MARCO UNIVERSITARIO - *Kylyan Bisquert i Pérez, ES*
- ID: 430 - In Case of Emergency Break Glass: Age-old Stories as Guideposts to a Sustainable Future - *Roger Petry, CA*

ECE-K: Child-Nature Encounters

Strand: Early Childhood Education (ECE)

Format: Roundtables

Time: 13:00 - 14:30

Room: West Meeting Room 119

- ID: 378 - Reconsideration of Spirituality in Japanese Culture: From a Practice of a Nursery School Based on Waldorf- and Forest Pedagogy. - *Momoko Kono, JP*
- ID: 530 - Raising children in this time of eco-socio-political distress - *Nicholas Stanger, US*
- ID: 653 - The Role of Screen Based Technologies in Altering our relationship with Our Global Environment and Each Other - *Mari Swingle, CA*
- ID: 783 - How do environmental educators engage young children with animals in order to forge deeper interspecies bonds? - *Patty Born, US*

IEE-K: Theoretical Issues in Indigenous EE

Strand: Indigenous Environmental Education

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 120

- ID: 291 - Confronting Multiple Realities: What Ethnic Children Perceive in Learning Their Own Cultures? - *Tassanee Ounvichit, TH*
- ID: 357 - Indigeneity, Aboriginality and Autochthony - *Chris Beeman, CA*
- ID: 374 - Garden As Co-Teacher: Incorporating Indigenous systems of knowledge and knowing - *Shirley Turner, CA*
- ID: 625 - ACTIONS FOR ENVIRONMENTAL EDUCATION ON INDIGENOUS LANDS - *Monica Mesquita, PT*
- ID: 826 - Relations of societies with their territories - *kamal Boushaba, MA*
- ID: 1002 - Explorations in the Practice of Eco-Art: A Phenomenological Arts Informed Research Project - *Vivian Wood-Alexander, CA*

GCD-K: Global and Cultural Diversity Interactive Poster Session

Strand: Global and Cultural Diversity

Format: Interactive Posters

Time: 13:00 - 14:30

Room: West Meeting Room 121

- ID: 153 - Go! Global - *Giovanni Fonseca Fonseca, MX*
- ID: 186 - Formación inicial de profesores en ciencias: Relaciones entre conocimiento y discurso en Educación Ambiental. - *Maria Mejia-Caceres, BR*
- ID: 754 - The effect of cultural differences on students' initiatives and contributions: A study of multicultural teams - *Calin Gurau, FR*
- ID: 760 - ENVIRONMENTAL PERCEPTION AND ECOLOGICAL CONCEPTS BY HIGH SCHOOL STUDENTS: STUDY-CASE IN SARZEDO CITY, SOUTHEASTERN BRAZIL - *Rosangela Borem, BR*
- ID: 786 - The influence of leadership workplace as a practical educational environment on improving culture diversity awareness for students - *Mohammed Alkhawlani, MY*
- ID: 874 - What makes your society (un)sustainable? Localized Understandings on Sustainability - *TAEYUN KIM, KR*

Closing Ceremony

Time: 15:00 - 16:30

Room: West Ballroom A

- Congress Proceedings
 - o Rapporteur: Antonio Fernández Crispín - Benemerita Universidad Autonoma de Puebla, MX
 - o Rapporteur: Jo-Anne Ferreira - Southern Cross University, AU
- Closing Panel
 - o Moderator: Richard Kool, Royal Roads University, Canada
 - o Eduardo Sousa - Greenpeace, Canada
 - o Jaime Webb - UNEP
 - o Hailey Guest - Royal Roads University, Canada
 - o James Hosking + Jordan Francis - Munro Academy, Canada
 - o Abnash Kaur Bassi - Seaquam Secondary, Canada
- Welcome to 2019