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


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 universitary 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: 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 retribución 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 Wahlström, FI
- ID: 176 - Botanical Garden: COME IN! VSTUPTE! KOM IN! WEJDÉ_É_! 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: ÓNannagogy - 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

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

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- ID: 65 - Environmental education and knowledge about the water cycle among Pre-service Teachers - Abideefatah 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 efectuación de la Educación 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: 100 - 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: 899 - 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


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 O'Gorman, 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

IEEE-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: 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 - Rosilha 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 (EEIS) 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 interigated 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, árboles del centro de Medellín - Alejandra Leoci Eisses, CO
- ID: 608 - Environmental education through citizen science: the limbovane Ant Project - Dorette Du Plessis, ZA
- ID: 882 - Sistema digital interactivo para la enseñanza 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: 233 - ENVIRONMENTAL POWER PLANT PROJECT - Michelli 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 - Rosilía 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 Sidiroopoulos, 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-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: 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 kindergartenâ€šÀ_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 Salesípolis, 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 - Trophes 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

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: 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-shiuang (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 though 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 - Íamilie 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 xueyao) - Rob Efird, 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 IIJIMA, 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 - Energiás as renovables, una temática de conexión 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: 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 éducation à la citoyenneté planétaire : mettre les jeunes au cœur du système éducatif - 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

SUNDAY, SEPTEMBER 10, 2017
- 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 Educaciòn Ambiental - Alma Cuevas-Nunez, MX
- ID: 490 - Educacion ambiental en una Area Natural Protegida con la incorporacion de estudiantes universitarios - Elena Arano Leal, MX
- ID: 492 - NUEVOS PARADIGMAS EN LA RELACION HOMBRE NATURALEZA EN LOS ANDES - Germán Callejas, ES
- 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: 603 - Confronting Health-related Challenges of Climate Change through Higher education program - Pei-Chih Wu, TW
- 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: 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 Skrbe 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 Chimankire, 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: 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: 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-learning 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

MONDAY, SEPTEMBER 11, 2017

**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: 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: 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 - Écosystèmes urbains : le parc bangr-weogo de Ouagadougou, un outil d'education 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 KITANOU, MA
ID: 721 - Special management waste in the ENMS Leon, Universidad de Guanajuato: the collection center - Juana Ortiz Cienega, MX
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 SUSTAINIBILITY 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 ECO-TOWN - Ronnie Lindog, PH  
- ID: 420 - The role of open distance education and e-learning in developing climate literacy in South Africa - Muchaiyeyi Togo, ZA  

**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 ETHNOMATEHMATICS 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 Beltran Gutiérrez, CO  
- ID: 661 - Environmental Education as a Catalyst for Curricular Integration - Constantinos Yannis, 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 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 education relative a l’environnement et alphabetisation a l’age adulte - Carine Villemagne, CA

TUESDAY, SEPTEMBER 12, 2017
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 - Bermán Vargas Callejas, ES
- ID: 737 - Environmental ethics and the impacts of mining: the case of Mariana, MG, Brazil - Rosely Inbernon, 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 Gvle, 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. - Vasilios 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 Riekemann, 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 educaciín 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: 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 développement 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 O'Gorman, 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: 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: 923 - Significance and possibility of indigenous environmental education research from Japanese context: A new method and approach - Yuco Oguri, 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 COMUNITARIA 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 UMA 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  

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 YOUBI IDRISSI, 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 - REAPPROVALMENT 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 educacion ambiental con ninos, en un campamento de protección de tortugas marinas en Mexico - Blanca BOJQUEZ MARTINEZ, MX
- ID: 351 - Emociones e interacciones que caracterizan el sentido de lugar en juvenes universitarios - Yolanda Feria-Cuevas, MX
- ID: 616 - Educacion Ambiental para la Paz - Sindy Leon, CO
- ID: 938 - The Ability of Nature to Foster Growth - Maddie Dineen, US
- ID: 42 - Living Wild - Daniella Roze des Ordons, 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 - Monserrat 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
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: Educaciòn Ambiental en el área de influencia de ITAIPU Binacional - Ada Rivas de Escobar, PY
- ID: 831 - El Íntimo rural de Mexico. Espacio posible de la educacion ambiental que impulse proyectos productivos sustentables. - Jose Silverio Morales, MX
- ID: 832 - Estudio ambiental integral de la zona lacustre-chinampera de San Pedro Tiahuac CDMX. Hacia una propuesta para apuntalar procesos de conservacion biologica y productivos, mediante una estrategia de educacion 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 - Forough Nejatollahi, IR
- ID: 865 - Analisis de los articulos cientificos de Investigacion en Educacion 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 - Cinthia 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

URB-K: Teaching About Quality of Life
Strand: Urban Ecosystems
Format: Interactive Posters
NTR-K: Engaging Nature in Research Methods
Strand: Nature as Teacher / Researcher
Format: Novel Format
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, ESPANA, MÉXICO Y PORTUGAL - Germán Vargas Callejas, ES
- ID: 491 - EL MODELO DE VIDA URBANO Y SU RELACIÓN CON EL CAMBIO CLIMÁTICO EN BRASIL, ESPANA, MÉXICO 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 escenica del pedregal de San Ingel, Ciudad de México - Lucia Almeida, MX

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: 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: 1034 - Onward and Inward: Cycling Solo Across a Continent to Connect with Nature and Self - Haley Guest, CA

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 Study - 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. - MARÌLIA 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 PANORÁMICA DE LA ACTUAL SITUACIÓN DE EMERGENCIA Y ARTICULACIÓN DEL MOVIMIENTO AGROECOLÓGICO EN GALICIA - Kylyan Bisquert i Pérez, ES

ID: 402 - UN ESTUDIO COMPARADO DE TRES UNIVERSIDADES EN TRANSICIÓN: 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: 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: 357 - Indigeneity, Aboriginality and Authochthony - 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. - María Mejía-Cáceres, 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
  - Rapporteur: Antonio Fernández Crispín - Benemerita Universidad Autonoma de Puebla, MX
  - Rapporteur: Jo-Anne Ferreira - Southern Cross University, AU
- Closing Panel
  - Moderator: Richard Kool, Royal Roads University, Canada
  - Eduardo Sousa - Greenpeace, Canada
  - Jaime Webb - UNEP
  - Hailey Guest - Royal Roads University, Canada
  - James Hosking + Jordan Francis - Munro Academy, Canada
  - Abnash Kaur Bassi - Seaquam Secondary, Canada
- Welcome to 2019