

AERA Chicago April 9-13 2007

Ecological and Environmental Education SIG

1. **Managing, Locating, and Theorizing Human-Nature/Ecological Relationships**, Mon, Apr 9 - 12:00pm - 1:30pm, Sheraton / Ohio, Level 2
2. **Crossing Borders (1): From Environmental Education Teaching to Evaluation**, Mon, Apr 9 - 2:15pm - 2:55pm, Hyatt Regency Chicago / Grand Ballroom, Sections C-D North, East Tower - Gold Level
3. **Crossings Borders (2): Examining and Reexamining Environmental Education Practice and Research**, Mon, Apr 9 - 4:05pm - 4:45pm, Hyatt Regency Chicago / Grand Ballroom, Sections C-D South, East Tower - Gold Level
4. **Environmental Education Research: Retrospect and Prospect**, Tue, Apr 10 - 2:15pm - 3:45pm, Sheraton Chicago Hotel & Towers / Ontario, Level 2
5. **Going Beyond Traditional Boundaries: Applying Novel Methods and Perspectives to Environmental Education**, Wed, Apr 11 - 8:15am - 9:45am, Sheraton Chicago Hotel & Towers / Huron, Level 2
6. **Sustainable Development: Practice, Policy, Indicators, Tensions, and Beyond**, Wed, Apr 11 - 2:15pm - 3:45pm, Hyatt Regency Chicago / Grand Ballroom, Sections E-F, East Tower - Gold Level
7. **Empowering Young People Through Environmental Adventures, Motivators, Narratives, and Classrooms**, Thu, Apr 12 - 2:15pm - 3:45pm, Sheraton / Sheraton Ballroom, Section V, Level 4
8. **Ecological and Environmental Education - SIG Business Meeting**, Thu, Apr 12 - 6:15pm - 7:45pm, Marriott Chicago Downtown / Great America, Sixth Floor

NB * denotes presenter

1. Managing, Locating, and Theorizing Human-Nature/ Ecological Relationships

Time: Mon, Apr 9 - 12:00pm - 1:30pm
Location: Sheraton / Ohio, Level 2

Abstract: Using a number of different frameworks and perspectives, this paper session includes four presentations with a focus on the delicate human and nature/ecological relationships.

Management of Human-Nature Relationships in Environmental Education Resources

*Joan M Chambers, Patricia M. Rowell (University of Alberta)

Farming and Land Management as Resources for Environmental Education

*Revital Tali Tal (Technion - Israel Institute of Technology)

Student Knowledge of the Relationships Between Human Actions and Environmental Systems

*Blakely K. Tsurusaki, Charles W. Anderson (Michigan State University)

Down to Earth: Locating Ecology and Environmental Education Close to Home

*M. Gale Smith (University of British Columbia)

Chair: Justin S. Dillon (King's College - London)

Discussants

Robert Coulter (Missouri Botanical Garden)
Arjen E. Wals (Wageningen University)

2. Crossing Borders (1): From Environmental Education Teaching to Evaluation

Time: Mon, Apr 9 - 2:15pm - 2:55pm
Location: Hyatt Regency Chicago / Grand Ballroom, Sections C-D North, East Tower - Gold Level

Abstract: In this paper discussion session (roundtable), the focus is on the dialectic relationship between teaching and evaluating environmental education. It reveals new examples of the best we might accomplish in our efforts to contribute to improved environmental education practice and research.

1. From the University to the Kindergarten: Environmental Pedagogy in the U.S.-Mexico Border Area

*Rodolfo Rincones (University of Texas - El Paso), *Sandra Bustillos-Duran (Universidad Autónoma de Ciudad Juárez)

2. Teaching Sustainability: Connecting the Environment, the Economy, and Society

*William M. Timpson, Brian Dunbar, Gailmarie Kimmel, Brett Bruyere, Peter Newman (Colorado State University), Hillary Mizia (Consultant)

3. Crossing Academic Boundaries: What Does It Mean to Practice Transdisciplinary Teaching in Postgraduate Environmental Education?

*Sherie L. Mc Clam (University of Melbourne, Center for Equity & Innovation in Early Childhood), *Emma Maria Flores (University of Washington)

4. Using Evaluation Data to Redesign an Ecology Center

*Robert Coulter (Missouri Botanical Garden), Rachel Becker-Klein (PEER Associates), Michael Duffin (PEER Associates)

5. "MEERA" - A Web-Based Clearinghouse for Advancing Environmental Education Evaluation

*Michaela T. Zint (School of Natural Resources and Environment)

Discussants

1. J. William Hug (Montana State University)
2. Annelise Carleton-Hug (Montana State University)
3. Amy Cutter-Mackenzie (Monash University)
4. Seyoung Hwang (University of Bath)
5. Michael J. Brody (Montana State University)

3. Crossings Borders (2): Examining and Reexamining Environmental Education Practice and Research

Time: Mon, Apr 9 - 4:05pm - 4:45pm
Location: Hyatt Regency Chicago / Grand Ballroom, Sections C-D South, East Tower - Gold Level

Abstract: This paper discussion session (roundtable) brings together six papers which cross traditional borders and boundaries in examining and reexamining environmental education practice and research.

1. Border Crossings: Art, Research, and Teaching in a Web-Based Hypermedia Project

*Marcia Diane McKenzie, Nora Timmerman (University of British Columbia)

2. Toward the Greening of Feminist Pedagogy: A Reexamination of Ecofeminism

*Huey-Li Li (University of Akron)

3. An Analysis of Sustainable Development Themes in Science Curriculum Standards

*Michelle Tenam-Zemach, *Hilary C. Landorf (Florida International University)

4. Secondary Students' Understandings of Groundwater

*Daniel L. Dickerson, Amy B. Adcock (Old Dominion University)

5. "I'm Not an Environmental Activist": An Exploration of Identity and Commitment to Issues of Sustainability

*Tiffany M. Simons (Northwestern University)

6. "Sitting on an Old Grey Stone": Meditations on Emotional Understanding

*Bob Jickling (Lakehead University)

Discussants

1. Arjen E. Wals (Wageningen University)
2. Paul Hart (University of Regina)
3. Robert B. Stevenson (State University of New York - Buffalo)
4. Alan Reid (University of Bath)
5. Amy N. Cutter-Mackenzie (Monash University)
6. J. William Hug (Montana State University)

4. Environmental Education Research: Retrospect and Prospect

Time: Tue, Apr 10 - 2:15pm - 3:45pm
Location: Sheraton Chicago Hotel & Towers / Ontario, Level 2

Abstract:

In this interview style session, Alan Reid and Bill Scott will promote discussion of the first ten years of the international refereed journal, 'Environmental Education Research'. They will present an overview of the trends and shifts of the work taking place in and around environmental education, and explore recent commentaries and reflections on this work, based on their experience as editors of the journal, and of a newly-published collection, 'Researching Education and the Environment: retrospect and prospect', that invited comment and critique on key themes within the research field from a range of perspectives and a variety of scholars.

Chair: Paul Hart (University of Regina)
*Alan Reid, William A. H. Scott (University of Bath)

5. Going Beyond Traditional Boundaries: Applying Novel Methods and Perspectives to Environmental Education

Time: Wed, Apr 11 - 8:15am - 9:45am
Location: Sheraton Chicago Hotel & Towers / Huron, Level 2

Abstract: This interactive symposium includes four presentations which cross and intersect disciplines outside environmental education research. Numerous other disciplines have developed perspectives, methods, and empirical findings that have substantial potential for advancing research in environmental education. This session goes beyond the traditional boundaries of our field, applying novel methods or perspectives of other disciplines to environmental education.

Students' Perspectives on Environmental Education: "I'm Not Looking at It From a Tree's Point of View."

*Nicholas A. C. Hopwood (Oxford University)

Deconstructing Early Childhood Content, Context, and Pedagogy Through Everyday Environmental Education Experiences

*Amy N. Cutter-Mackenzie, *Susan Edwards (Monash University)

The Impact of Identity on the Pedagogical Practice of Environmental Educators

*Patrick Fitzhugh Dowd (King's College - London)

Researching Teachers' Thinking and Practice in Environmental Education: Reflections on the Research Framework

*Seyoung Hwang (University of Bath)

Chair: Bob Jickling (Lakehead University)

Discussant: Justin S. Dillon (King's College - London)

6. Sustainable Development: Practice, Policy, Indicators, Tensions, and Beyond

Time: Wed, Apr 11 - 2:15pm - 3:45pm
Location: Hyatt Regency Chicago / Grand Ballroom, Sections E-F, East Tower - Gold Level

Abstract: This paper session invites an expanded discussion on sustainable development, a discussion that reflects both advances and tensions on practice and research in sustainable development particularly as it relates to education.

Educating Chinese Farming Women for Sustainable Development: An Ethnographic Study

*Julia T. Broussard (Harvard University)

All Mixed Up? Instrumental and Emancipatory Learning Toward a More Sustainable World: Considerations for EE Policymakers

Francisca Hubeek, Floor Geerling-Eijff, Sandra Van der Kroon, Janneke Vader, *Arjen E. Wals (Wageningen University)

Indicators for Sustainable Development: Perspectives, Challenges, and Progress in Relation to Education

*Alan Reid, Jutta Nikel, William A. H. Scott (University of Bath)

Globalization and Environmental Education: Looking Beyond Sustainable Development

Arjen E. Wals (Wageningen University), Bob Jickling (Lakehead University)

Chair: Amy N. Cutter-Mackenzie (Monash University)

Discussant: Robert B. Stevenson (State University of New York - Buffalo)

EEE SIG Dinner

The EEE SIG dinner will be held at the Green Zebra on Monday night (April 9) at 7:00pm. The cost of the dinner is \$50 / guest. It will be a delightful four course dinner in a private dining area for the EEE SIG. Please RSVP to Amy Cutter-Mackenzie by April 4.

Fieldtrip Options

We will have two possible fieldtrip options to offer:
1) Tour of the Center for Neighborhood Technology's Green Building; and
2) Eden Place Nature Center.

Both fieldtrips will be on Tuesday morning (April 10) from 9:00am - 12:00pm. There is no cost for the fieldtrips (just local travel expenses). However, we would like to gauge members' interest in doing either fieldtrip before making travel arrangements. Please email Amy Cutter-Mackenzie to advise if you would like to do one of the fieldtrips.

7. Empowering Young People Through Environmental Adventures, Motivators, Narratives, and Classrooms

Time: Thu, Apr 12 - 2:15pm - 3:45pm
Location: Sheraton / Sheraton Ballroom, Section V, Level 4

Abstract: This interactive symposium session brings together four presentations focusing on adventures, motivators, narratives and classrooms that empower young people to participate in and interact with their environment. The session solicits an intensified focus on quality environmental education experiences.

Motivations to Environmental Action Participation by Exemplar Youth: UNEP International Children's Conference on the Environment

*Annelise Carleton-Hug, J. William Hug (Montana State University)

Leadership Training and Environmental Education: The Youth Enrichment Adventure

*Mary E. Brenner, *Yukari Okamoto, *John Jirair Jabaghourian, *Vichet Chhuon, Roseanne Macias, Vishna A. Herry (University of California - Santa Barbara)

Expanding the Floating Classroom Program From Coast to Classroom: Expanding Coastal Literacy

*Margaret Bolick (Texas A&M University - Corpus Christi), *Russel Miget (Texas Sea Grant Program), *Douglas J. Loveless (Texas A&M University - Corpus Christi)

Narratives of Location: Using Landscape to Explore the Relationships Between Epistemology and Place in Science

*Carol B. Brandt (Virginia Polytechnic Institute and State University)

Chair: Marcia Diane McKenzie (University of British Columbia).

Discussant: Constance Russell (Lakehead University)

8. Ecological and Environmental Education - SIG Business Meeting

Time: Thu, Apr 12 - 6:15pm - 7:45pm
Location: Marriott Chicago Downtown / Great America, Sixth Floor

Abstract: While the Ecological and Environmental Education SIG meeting incorporates official AERA administration tasks (including the election of SIG officers for 2007-2008), this meeting will focus on engaging all participants in a substantive discussion of a proposal for the production of an environmental education research handbook.

Chair: Robert B. Stevenson (State University of New York - Buffalo)

Chair: Amy N. Cutter-Mackenzie (Monash University)

Discussant: Michael J. Brody (Montana State University)