

**SIG-Ecological and Environmental Education – AERA 2009 San Diego
Program At A Glance**

Sunday, April 13 – Monday, April 14

Ecjustice and Environmental Educators in Conversation (Pre-conference sponsored by Division B and EEE SIG. Pre-registered and full.)

Monday, April 13

4:30pm – late “Social Event: Coronado Island Dinner & Drinks” *departure at 5:00 from Broadway Pier ferry docks*

Tuesday April, 14

8:15am to 9:45am “Outdoor Education, Science Education, and Education for Sustainable Development”

San Diego Marriott Hotel & Marina, Room: Point Loma

10:35am to 12:05pm “Emerging Issues in Representation and Legitimation in Environmental Education Research”

San Diego Marriott Hotel & Marina, Room: Oceanside

2:15pm to 3:45pm “Broadening the Discussion: Interdisciplinarity, Imagination, Time, and Spirituality”

San Diego Marriott Hotel & Marina, Room: Anaheim

4:05pm to 5:35pm “Environmental Education Research and Decolonizing, Indigenizing, Empowering, De-Territorializing Moves”

San Diego Marriott Hotel & Marina, Room: Point Loma

Wednesday April, 15

10:35am to 11:15am “Roundtable Discussions 42”

San Diego Marriott Hotel & Marina, Room: Marriott Hall Salon 4

12:25pm to 1:55pm “Working the Disciplines in Ecological and Environmental Education Research”

San Diego Marriott Hotel & Marina, Room: Santa Rosa

6:15pm to 7:45pm “Ecological and Environmental Education SIG Business Meeting”

San Diego Marriott Hotel & Marina, Room: Columbia 2

8:15pm - late “SIG Dinner” *Sea Rocket Bistro*

Thursday, April 16

10:00 am – 12:00 am “Field Trip” *School In The Park, Balboa Park*

Acknowledgements: Thank you to Department of Education and Professional Studies, King’s College London for partially supporting our SIG Dinner. Thank you also to Michael Brody, Marcia McKenzie, Alan Reid, Amy Sloane and especially Nicole Ardoin and Justin Dillon for organizational assistance.

SIG-Ecological and Environmental Education – AERA 2009 San Diego

Detailed Program

Monday, April 13

4:30pm – late **Social Event: Coronado Island Dinner & Drinks**

*** departure at 5:00 from Broadway Pier ferry docks*

Coronado Island < <http://www.beachcalifornia.com/coronado.html>> is actually a peninsula noted for its white, sandy beaches. We'll take the 5:00 pm ferry from the Broadway Pier to the Coronado Ferry Landing and walk 1.5 miles to the Hotel Del Coronado, one of the last great Pacific resort hotels <http://en.wikipedia.org/wiki/Hotel_del_Coronado>. We'll find a comfortable spot to dine and while away the hours.

Places available: Lots

Sign up at: <http://www.doodle.com/x49dffr4k5taszd9>

Tuesday, April 14

8:15 am – 9:45 am *San Diego Marriott Hotel & Marina, Point Loma*

Outdoor Education and Science Education

Paper Session

Session Participants:

1. **A Review of the Research on Outdoor Learning: An Update (2003-2007)**
Justin Dillon (King's College London)
2. **Environmental Education at Outdoor Education Centers: From Adventure to Agency**
Erminia G. Pedretti (OISE/University of Toronto), Katherine Sandra Bellomo (OISE/University of Toronto), Gabriel Ayyavoo (OISE/University of Toronto), & Michael Tan (OISE/University of Toronto)
3. **Environmental Educators' Views of NOS and the Role of Science in Environmental Education**
Teddie Phillipson-Mower (University of Louisville)
4. **Citizen Science and Environmental Experiential Learning in Natural Areas: Motivations and Barriers to Participation**
Oksana Bartosh (University of British Columbia), Jolie Mayer-Smith (University of British Columbia), & Linda Peterat (University of British Columbia)

Chair: Carol Brandt (Virginia Polytechnic Institute and State University)

Discussant: Darius Kalvaitis (University of Hawai'i)

10:35 am – 12:05 pm *San Diego Marriott Hotel & Marina, Oceanside*

Emerging Issues in Representation and Legitimation in Environmental Education Research

Interactive Symposium

Session Participants:

Constance Russell (Lakehead University), Marcia McKenzie (University of Saskatchewan) & Leesa Fawcett (York University)

Chair: Justin Dillon (King's College London)

Discussant: Lisa Korteweg (Lakehead University)

2:15 pm – 3:45 pm *San Diego Marriott Hotel & Marina, Anaheim*

Broadening the Discussion: Interdisciplinarity, Imagination, Time, and Spirituality

Paper Session

Session Participants:

1. Interdisciplinary Explorations Around the Mandate of Literacy: Elementary Schools as Sites for Environmental Education

Douglas Karrow (Brock University) & Xavier Fazio (Brock University)

2. An Imaginative and Ecological Approach to Teaching: A Framework and Rationale for Imaginative Ecological Education

Gillian Judson (Simon Fraser University)

3. Teaching in the Nuclear Time Zone

Jackie Seidel (University of Calgary)

4. Strengthening Our Connection to Nature: A Spiritual Perspective

Robert London (California State University - San Bernardino)

Chair: Marcia McKenzie (University of Saskatchewan)

Discussant: Jo-Anne Ferreira (Griffith University, Australia)

4:05 pm – 5:35 pm: *San Diego Marriott Hotel & Marina, Point Loma*

Environmental Education Research and Decolonizing, Indigenizing, Empowering, De-Territorializing Moves

Paper Session

Session Participants:

1. Traditional Places + Indigenous Peoples = The Politics of Decolonizing Non-Aboriginal Environmental Educators

Lisa Korteweg (Lakehead University) & Emily Root (Lakehead University)

2. The Environment in Indigenous Science Curricula: Local Knowledge and Self-Determination

Carol Brandt (Virginia Polytechnic Institute and State University)

3. Empowerment as Fashioning? Challenging the Liberatory View of Empowerment in Environmental Education

Jo-Anne Ferreira (Griffith University, Australia)

4. **Environmental Education (Research) and the Deterritorialization and Reterritorialization of Disciplinary Knowledge**

Lesley Le Grange (Stellenbosch University)

Chair: Douglas Karrow (Brock University)

Discussant: Leesa Fawcett (York University)

Wednesday, April 15

10:35 am – 11:15 am *San Diego Marriott Hotel & Marina, Marriott Hall Salon 4 - 42*

Ecological and Environmental Education

Paper Discussion (formerly known as Roundtables)

Session Participants:

- a. **An Exploration of High School Students' Environmental Identities in a Hands-On Conservation Science Program**
Mele Wheaton (University of California - Santa Cruz)
- b. **Collaborative Ecological Monitoring as Environmental and Social Learning: The Case of Five Community-Based Forestry Organizations in the United States**
Heidi Ballard (University of California - Davis), Victoria Sturtevant (Southern Oregon University), & Maria Fernandez-Gimenez (Colorado State University)
- c. **Cultivating Bakhtin in the Garden: Exploring the Human Nature Dialogic and Children's Environmental Identities**
Annie Grugel (University of Wisconsin - Madison)
- d. **Development and Validation of an Instrument to Detect Nature Deficit Disorder in Children (Grades 4-8)**
Lawrence Letourneau (University of Nevada - Las Vegas) & Gregory Schraw (University of Nevada - Las Vegas)
- e. **Educating Young Learners About Sustainability: Possibilities and Challenges for Multidisciplinary Approaches in Early Childhood and Elementary Education**
Mindy Spearman (Clemson University) & Angela Eckhoff (Clemson University)
- f. **Environmental Learning: Opportunities and Challenges for Practice and Research**
Cecilia Lundholm (Stockholm University), Nick Hopwood (Oxford University) & Mark Rickinson
- g. **Fostering Ecoliteracy: Virtual Worlds for Guided Naturalistic Inquiry of Complex Ecological Systems**
Benjamin Eric Erlandson (Arizona State University) & Brian Nelson (Arizona State University)
- h. **High School Students' Field Ecology Experiences**
Terry Tomasek (Elon University), Catherine Matthews (University of North Carolina - Greensboro), & Melony Allen (University of North Carolina - Greensboro)
- i. **The Architecture of Children's Relationships With Nature Based on Age and Gender**
Darius Kalvaitis (University of Hawai'i)
- j. **The Role of Culture in Students' Mental Models of Groundwater**

Daniel Dickerson (Old Dominion University), Mutindi Ndunda (College of Charleston), Meta Van Sickle (University of Charleston), Debra Duffy (Old Dominion University), Patti Horne (Old Dominion University), Rose Hotchkiss (Old Dominion University), & Frank Stonier (Old Dominion University)

k. **When Businesses Go to School: Neoliberalism, Environmental Education, and the Aesthetics of Association**

Offei (Bob) Manteaw (Eastern Washington University)

12:25 pm – 1:55 pm *San Diego Marriott Hotel & Marina, Santa Rosa*

Working the Disciplines in Ecological and Environmental Education Research

Paper Session

Session Participants:

1. **Being an Interdisciplinary Environmental Education Researcher**

Nicole Ardoin (Stanford University)

2. **Education for Worldview Change: Transdisciplinarity and the Planetary Ecological Crisis**

Paul Morgan (West Chester University of Pennsylvania)

3. **Inter- and Transdisciplinary Research Cooperation in Environmental Education**

Jasmin Godemann (Universitat Lunenburg)

4. **Participation in Transdisciplinary Knowledge Production in Sustainable Development**

Merritt Polk (Goteborgs University)

Chair: Constance Russell (Lakehead University)

Discussant: Leesa Fawcett (York University)

6:15 pm – 7:45 pm *San Diego Marriott Hotel & Marina, Columbia 2*

Ecological and Environmental Education SIG Business Meeting

Business Meeting

*Besides dealing with SIG business, we welcome Dr. Gerald Lieberman (State Education and Environment Roundtable) who will discuss what has transpired in the field in the 10 years since his study, *Closing the Achievement Gap: Using the Environment as an Integrating Context for Learning*.*

8:15 pm – late

Social Event: Dinner at the Sea Rocket Bistro

Join us for a post-Business Meeting dinner in a private room in the highly rated Sea Rocket Bistro <http://searocketbistro.com/>, a new North Park restaurant serving local and sustainable seafood, as well as local craft beers and California wines. Starters and entrees will be served “family-style” with a choice of dessert. Some wine and beer will be provided by King’s College London.

Cost: approximately \$25.00 per person

Places available: 25

Sign up at: <http://www.doodle.com/g52dwn73gdanqstf>

Thursday, April 16

10:00 am – 12:00 pm, Field Trip: School in the Park

School in the Park <http://www.schoolinthepark.net/> is an innovative program that shifts the location of "school" from a traditional classroom setting in an inner-city school, to the resources and educational opportunities available at cultural institutions in Balboa Park. A relevant instructional environment is created as hands-on learning challenges students to become active participants in their own education. Rosa Parks and Hamilton Elementary School participate in a program that is designed to fully utilize the unique educational opportunities of cultural institutions in Balboa Park. The plan allows all third, fourth and fifth grade students to spend up to eight weeks at San Diego's famous Balboa Park, where they participate in week-long educational programs at nine institutions. In essence, the students spend almost twenty-five percent of their time learning in this hands-on, real world setting. Our hosts will show us around School in the Park and share more information about the program.

Places available: 12

Sign up at: <http://www.doodle.com/sgbtvvsuqrwv5a2f>