



GLOBAL ECOLOGICAL INTEGRITY GROUP

Celebrating 27 Years of the
Global Ecological Integrity Group

www.globalecointegrity.org

INTERNATIONAL CONFERENCE

Trieste, Italy

June 24 – 29, 2019

"Perspectives on Ecological Integrity in Science and Law"



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Organizers: Laura Westra Matteo Fermeglia
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Location: Università degli studi di Trieste
Aula Bachelet, Building A
Piazzale Europa 1, 34127
Trieste, Italia

Registration Fee: 250(EUR); Students 100(EUR) payable in cash upon arrival
(students reg. fees will be accepted for a maximum of 3 years in all, after that the regular fee will be due)

GEIG PROGRAMME

June 24, 2019 - Monday

1:00 p.m. Opening Session: Greetings from Mauro Bussani (IT) and Laura Westra (CA) - Chair
Mauro Bussani (IT)

Welcoming words by the Rector of the University of Trieste, Prof. Maurizio Fermeglia

1:15 Keynote - (Earth Science) Filippo Giorgi (IT) “Climate Change: Future Scenarios and Associated Risks”

2:00 - 2:15 Q. and A. period

Plenary 1 - Climate Issues ***Chair, Laura Westra (CA)***

2:15 - 2:45 Don Brown (US) “The Conflict Between IPCC Analyses of Climate Impact and Precautionary Science”

2:45 - 3:30 - Keynote - Satvinder Juss (UK) “The Future of Climate Change Refugees”

3:30 - 3:45 Health Break and Q and A.

3:45 - 4:15 Massimiliano Montini (IT) “Is There Room for Ecological Integrity in Climate Change Litigation?”

4:15 - 4:45 Virginia Zambrano (IT) “Animal Based Industry and Climate Change”

4:45 - 5:15 Matteo Fermeglia (IT) “Climate Change before the Courts: Turning the Tide on Climate Change Litigation”

5:15 - 5:30 Q. and A. period

Plenary 2 - Ecological Integrity and Water and Safety Issues ***Chair, Laura Westra (CA)***

5:30 - 6:00 Janice Gray (AU) “Water theft and water health challenges for law in the Murray Darling Basin, Australia”

6:00 - 6:30 Nancy Tzu Mein Chen (Taiwan) “Toward a Nuclear-Free Homeland: Energy Transformation in Taiwan”

6:30 - 7:00 Joseph Dellapenna (US) “Saving Refugees at Sea Under International Law”

7:00 - 7:15 Q. and A. period

Dinner on our own

June 25, 2019 - Tuesday

Plenary 3 - Public Health and EcoinTEGRITY ***Chair, Colin Soskolne (CA)***

9:00 - 9:45 Keynote - Carl Cranor (US) “Using Science and Law to Ensure Humans’ Biological Integrity”

9:45 - 10:15 David Gee (US) “Evaluating Evidence and Justifying Public Policy and Legal Action on Development/Reproductive Health”

10:15 - 10:30 Q. and A. period

- 10:30 - 11:00 Claire Breen (NZ) “Child Morbidity and Mortality Data as Measures of the Human Rights Obligation to Respect, Protect and Fulfil the Child's Right to Health”
- 11:00 - 11:15 Annie Sasco (US) “Epidemiology for Cancer Protection: Ethical Considerations”
- 11:15 - 11:30 Health Break
- 11:30 - 12:00 Ana Soto (US) “Endocrine Disruptor Toxicity: So Much Evidence, So Little Regulation”
- 12:00 - 12:30 Q. and A. period

Lunch Break

***Plenary 4 - Ecological Integrity
Integrity and Indigenous Rights***

Chair, Janice Gray (AU)

- 1:45 - 2:30 Kathleen Mahoney (CA) “Indigenous Peoples and Forced Migrations”
- 2:30 - 3:00 Ngozi Unuigbo (Ghana) “Operationalizing Earth Jurisprudence in Africa Through the Rights of Religion and Culture”
- 3:00 - 3:30 Al Gillespie (NZ) “Foundations Required for Scientific Integrity in Environmental Law”
- 3:30 - 3:45 Q. and A. period
- 3:45 - 4:15 Health Break

Plenary 5 - Ecological Integrity and State Obligations

Chair, Matteo Fermeglia (IT)

- 4:15 - 4:45 Katy Gwiazdon (US) “State Global Responsibility for Environmental Crises: The Ethical and Legal Implications of a State’s Failure to Protect Human Rights”
- 4:45 - 5:15 Valentina Vadi (IT) “The Environmental Health Spillover of Foreign Direct Investment Arbitration”
- 5:15 - 5:30 Q. and A. period
- 5:45 - 6:15 Catherine Iorns Magallanes (NZ) “Ecosystem Based Management in Environmental Law: A Framework for Action”
- 6:15 - 6:45 Geoffrey Garver (CA) “Promoting Human Connection to Place in Ecological Law”
- 6:45 - 7:00 Q. and A. period

Dinner on our own.

June 26, 2019 - Wednesday

Plenary 6 - Ecological Integrity and the Role of Earth Science

Chair, Klaus Bosselmann (NZ)

9:30 - 10:15 Keynote - Bevilacqua Paolo (IT) "Sustainability in raw material extraction, processing and recycling"

10:15 - 10:30 Q. and A. period

10:30 - 11:00 Paulo Magalhães (PORT) "Applying the Earth System Approach: Can the Global Pact bring a paradigm shift?"

11:00 - 11:30 Health Break

11:30 - 12:00 Shauna Lange (US) "Saving Species, Healthy Humanity: The Key Role of Women in Ecological Integrity"

12:00 - 12:15 Q. and A. period

Lunch Break

Plenary 7 - Ecological Integrity and the Role of Earth Science - 2 Chair, L. Westra (CA)

1:30 - 2:00 Eva Cudlinova (Czech Republic) "Wilderness Protection in the Czech Republic Sumava National Park"

2:00 - 2:30 Anne Venton (CA) "Protected Wilderness: Is it Still Possible?"

3:00 - 3:15 Q. and A. period

3:15 - 3:45 Health Break

3:45 - 4:30 Jakub Zeleny (CZ) "Evaluation of Ecological Integrity in Landscape contact Based on Remote Sensing Data"

4:30 - 5:00 Antonio d'Aloia (IT) "Science and Law: The Courts as First Gate"

5:00 - 5:30 Q. and A. period

Return to Hotel in preparation for Offered Diner/Reception

7:00 Dinner Reception at Trattoria ai Fiori, Piazza Attilio Hortis, 7

June 27, 2019 - Thursday

Tour to Castello Miramare and Park leaving the hotel at 9:30 a.m. After the tour we will stop at a good trattoria on the way back and return in time for a short student session at the university.

Plenary 8 - Ecological Integrity and Current Student Interpretations Chair, Colin Soskolne (CA)

3:30 - 4:00 Nelson Quinn(AU) "Making Ecological Integrity Work with Property Law to Facilitate Environmental Justice"

4:00 - 4:30 Emilie Boulot (CA) "The Dilemma of Uncertainty in Science and Law at the Interface"

- 4:30 - 5:00 En-Hsuan Lu (Taiwan) “Air Pollution in the Context of Sustainable Development Goals”
- 5:00 - 5:30 Q. and A. period and Health Break
- 5:30 - 6:00 Chou,Wei-Li (Taiwan) “Indigenous Building and Wood Structure Building as an Environmentally Friendly Strategy”
- 6:00 - 6:30 Vanni Lughì (IT) “Energy as a Global Challenge”
- 6:30 - 7:00 General Discussion
- Dinner on our own

June 28, 2019 - Friday

Plenary 9 - Ecological Integrity and the Geopolitical Situation ***Chair, Colin Soskolne (CA)***

- 9:00 – 9:30 Laura Westra (CA) “From Principles to Norms: The necessity for their Implementation”
- 9:30 - 10:00 Prue Taylor (NZ) “The Global Environmental Pact: Mind the Gap”
- 10:00 - 10:30 Peter Venton (CA) “The Political Economy of Managing Without Growth”
- 10:30 - 11:00 Q. and A. period and Health Break
- 11:00 - 11:30 Rose Dyson (CA) “The Rise of Populism in an Age of Uncertainty”
- 11:30 - 12:00 Marco Ettore Grasso (IT) “Climate Change and Insurance: A Theoretical Vision”
- 12:00 – 12:30 Donato Bergandi (FR) “Ecological Integrity or Ecological Catastrophe: A Political Dilemma”
- 12:30 - 1:00 Q and A. period

Lunch on our own

Plenary 10 - Ecological Integrity: The Way Forward ***Chair, L. Westra (CA)***

- 2:30 - 3:00 Pavel Cudlin (Czech Republic) “Is it possible to maintain biodiversity of natural and close to nature habitats under global change and increasing landscape exploitation?”
- 3:00 - 3:45 Klaus Bosselmann (NZ) “The Role of Trusteeship in Global Governance”
- 3:45 - 5:15 Q. and A. period

ELGA Seminar “Advancing Ecological Law and Governance”

“Ecological Integrity is a precondition for human aspirations and a fundamental principle of law” (Oslo Manifesto <https://www.elga.world/oslo-manifesto/>) This seminar reviews the first two years of the Ecological Law and Governance Association (ELGA) and presents current ELGA projects.

- 4:30 Introduction – Klaus Bosselmann
- 4:40 What is ecological law? – Massimiliano Montini
- 5:00 ELGA’s profile – Kathryn Gwiazdon
- 5:20 Current projects and developments – Klaus Bosselmann
- 5:40 The legal status of the Earth – Prue Taylor
- 6:00 The importance of place in ecological law – Geoffrey Garver
- 6:20 - 7:00 Final discussion and close

June 29, 2019 - Saturday

Plenary 11 - Ecological Integrity and New Members’ Perspectives Chair, Laura Westra (CA)

- 9:00 - 9:30 Orsolya Banyal (HU) “Quantum Mechanics and the Law: What Does Quantum Mechanics teach us?”
- 9:30 - 10:15 Keynote - Gabriella Colao (IT) “Environmental Damages of Conflict Situations”
- 10:15 - 10:30 Q. and A. period
- 10:30 - 11:00 Valentina Dotto (UK) “A New Approach to law and governance: how to translate the moral claims of environmental rights into legal claims?”
- 11:00 - 11:30 Alicia Epstein (DE) “Agriculture in the European Union: Seven More Years of Environmental Austerity”
- 11:30 - 12:00 Jeff Brown and Benjamin Brown (US) “An Examination of the Austin Texas Climate Change Strategy”
- 12:00 - 12:30 Q. and A. period - General Discussion

L. Westra, Colin Soskolne and Geoff Garver: Montreal in 2020 - Close of Conference

Optional Fish Lunch at Beach in Barcola, by City Bus