

Program

Ontario International Development Agency

**13th International Conference on Sustainable Development
Boston, USA**

“Innovating Ideas for a better world”

International Conference on Sustainable Development 2019
is jointly presented by

International Centre for Interdisciplinary Research in Law (ICIRL),
Centre for Research in Social Justice and Policy (CRSJP) at Laurentian University and
Ontario International Development Agency (OIDA) in Canada.

And

Montclair State University

Department of Earth & Environmental Studies
1 Normal Avenue
Montclair, NJ 07043
USA

Conference Location

Harvard University

Joseph B. Martin Conference Centre
Pechet Room
Harvard Medical School
77 Avenue Louis Pasteur, Boston, MA 02115,
USA.

December 10 –11, 2019

Program

Opening Plenary
December 10, 2019

<p>9:30 AM 10:30 AM</p>	<p>Welcome Dr. Neville Hewage Conference Co-chair Program Director, Ontario International Development Agency, Canada</p> <p>Welcome Dr. Henri Pallard Conference Co-chair Director, International Centre for Interdisciplinary Research in Law, Laurentian University, Canada</p> <p>Welcome Dr. Robert Taylor Conference Co-Chair Department of Earth & Environmental Studies Montclair State University USA.</p> <p>Keynote address Dr. Paul A. Barresi Southern New Hampshire University, New Hampshire, USA.</p> <p>Plenary Speaker Md. Kamrul Hasan Tarafder President & CEO ASA Philippines Foundation, Philippines.</p>
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Session I
 10:35 AM - 12:30 PM
 December 10, 2019
 Theme: Development

<p>104 ASA Philippines' Water and Sanitation Financing Program: Leveraging a Quality of Life Financing to Obtain Financial Gain</p> <p>Kamrul Tarafder¹, Barbara Custodio² ^{1,2} ASA Philippines Foundation, Philippines.</p>
<p>106 Analyzing the Effectiveness of Architectural Conservation and the Impact on Sustainable Built Environment</p> <p>Tris Kee Technological and Higher Education Institute of Hong Kong, Chai Wan, Hong Kong.</p>
<p>128 An Economic Analysis of Paddy stubble Management Technology in Amritsar District of Punjab</p> <p>Lavleen Kaur Sandhu¹, Mohit Rampal², Narinderpal Singh³ ^{1,2,3} Department of Agriculture, Khalsa college ,Amritsar,Punjab India.</p>
<p>036 Fuel and Gas Subsidy Budget Reallocation on Infrastructure Development Budget towards Indonesian Economic Growth and Macroeconomic Indicators</p> <p>Boedijono Kartolo^a, Muhammad Zilal Hamzah^b, Eleonora Sofilda^c ^{a,b} Economics Doctoral Program, Economics and Business Faculty, Universitas Trisakti, Indonesia. ^b Sekolah Tinggi Ilmu Ekonomi Bisnis Indonesia, (Indonesian Business School), Jakarta, Indonesia. ^c Master of Economics Program, Faculty of Economics and Business, Universitas Trisakti, Indonesia.</p>
<p>054 Market and Learning Orientation Effect through Organization Governance on Competitive Advantage of Universities in Jakarta</p> <p>Ridwan Siagian^a, Muhammad Zilal Hamzah^b, Farida Jasfar^c ^a Hospitality Management Doctoral Program, Economics and Business Faculty, Universitas Trisakti, Indonesia. ^b Economics Doctoral Program, Economics and Business Faculty, Universitas Trisakti, Indonesia Sekolah Tinggi Ilmu Ekonomi Bisnis Indonesia (Indonesian Business School), Jakarta, Indonesia. ^c Economics Doctoral Program, Faculty of Economics and Business, Universitas Trisakti, Indonesia</p>
<p>029 How The Effect of Investment Policy at Information and Communication Technology for Digital Economy Implementation toward Macroeconomic Indicators and Sectoral Performance, in Indonesia?</p> <p>Widi Amanasto^a, Muhammad Zilal Hamzah^b, Bambang Sudaryono^c ^{a,b} Economics Doctoral Program, Economics and Business Faculty, Universitas Trisakti, Indonesia. ^b Sekolah Tinggi Ilmu Ekonomi Bisnis Indonesia , (Indonesian Business School), Jakarta, Indonesia.</p>
<p>156 The Adoption of Environmental Consciousness and Environmental Leadership as driver of Competitive Advantage</p> <p>Yvonne Augustine Sudibyo Trisakti University, Indonesia</p>

12:30 PM – 1:30 PM Lunch at Pechet Room

Session II
 1:30 PM- 4:15 PM
December 10, 2019
Theme: Development

145	<p>The Effect of Digital Financial Inclusion Policy on the Sustainability of Indonesian Rural Banks</p> <p>Eky Amrullah ¹, Dini Hariyanti ², Muhammad Ichwan Hamzah ³ ^{1,2} Faculty of Economic and Business, Universitas Trisakti. Jakarta, Indonesia.</p>
068	<p>Innovation: The Key to Achieve Sustainable Development</p> <p>Vikrant, Pachnanda Pachnanda Law Offices Garg Chamber Block, Supreme Court of India, Tilak Marg, New Delhi, India.</p>
017	<p>Can Stakeholder Mapping and Attributes Be Exploited to The Advantage of Sustainability?</p> <p>Ogechi, Okoro Waikato Institute of Technology, Hamilton CBD, New Zealand.</p>
041	<p>Social Return on Investment on Improving Access to Sustainable Water Sanitation and Hygiene Services in selected Health care facilities in Rwanda – A Reflective Analysis</p> <p>Maurice Kwizera ^a, Ronnie Murungu ^b, Jean Lambert Sebarezze ^c ^{a,c} WaterAid Rwanda, Rwanda. ^b WaterAid East Africa, Kigali, Rwanda.</p>
042	<p>The Cost of Justice in the European Union: A budgetary analysis of the performance of the Court of Justice of the European Union</p> <p>Dimitrios V. Skiadas Department of International and European Studies, University of Macedonia, Thessaloniki, Greece.</p>
053	<p>Multinational Oil Industry Corporate Social Responsibility for Sustainable Stakeholders Management in Nigeria: The Case of Total Exploration & Production Nigeria Limited (TEPNG)</p> <p>Ifeanyi Emma Ogueri ^a, Glory Nkiruka Ben-Chendo ^b, Justina Uzoma Mgbada ^c ^{a,b} Federal University of Technology, Owerri, Imo State, Nigeria. ^c Federal College of Agriculture, Ishiagu, Ebonyi State, Nigeria.</p>
067	<p>Establishing a Transit-Oriented Development (TOD) Policy for Urban Sustainability in Ho Chi Minh City, Vietnam: A Theoretical Model</p> <p>Robert W. Taylor ^a, Hoang Nguyen Ba ^b, Huy Huu Nguyen ^c ^a Department of Earth & Environmental Studies, Montclair State University of New Jersey, USA. ^b Ho Chi Minh University of Transportation, Vietnam.</p>
050	<p>Organized Private Sector Agricultural Contributions towards Sustainable Food Security in a Multinational Oil and Gas Region of Nigeria</p> <p>Glory Nkiruka Ben-Chendo ^a, Emma Ifeanyi Ogueri ^b ^{a,b} Federal University of Technology Owerri, Imo State, Nigeria.</p>

Session III
December 10, 2019
4:30 PM – 5:45 PM

4:30 PM 5:45 PM	<p>Rohingya Special Session</p> <p>“Frayed lives of Rohingya’s and Bangladesh Dilemma” Roundtable policy dialogue</p>
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Session IV
December 11, 2019
9:00 AM - 12:30 PM

Room A	Room B
Theme	Theme
Development/Environment	Environment
019	043
Sustainability: A Critical Challenge for the Extractive Industry Ogechi, Okoro Waikato Institute of Technology, Hamilton CBD, New Zealand.	Sanitation and Hygiene status in Kabale Municipality A pre Behavior change design Assessment, Uganda East Africa Phillips Okot^a, Denis Kayiwa^b, Ronnie Murungu^c, David Watako^d, Olutayo Bankole Bolawole^e, Jane Sembuche^f ^{a,b,f} WaterAid Uganda, Uganda. ^{c,d,e} Water Aid East Africa, Kigali, Rwanda.
166	124
Impact of Green Financing for the Sustainability of the Banking Industry Hettiarachchige Sajewani Jayathilake University of Colombo, Sri Lanka	Regulated Use of Biological Resources and Traditional Knowledge for Sustainable Development: The Experience from India Pushpa Kumar Lakshmanan Law Centre-I, Faculty of Law, University of Delhi, Delhi, India.
085	140
The Curious Case of Environmental Refugees: Environmental Refugees may be better protected without being declared as “refugees” Vishakha Singh Deshwal^a, Stuti Shrivastava^b ^a West Bengal National University of Juridical Sciences, Kolkata, India. ^b Wipro Ltd., Delhi, India	Assessing Environmental Causes and Impacts of Erosion in Agulu-Nanka Community Otti Victor Ifeanyichukwu Federal Polytechnic Oko, Anambra State, Nigeria.
089	142
The Significance of Salinity Level on Seed Germination and Seedling Growth of Selected <i>Commiphora Species</i> in Yabello district, Southern Ethiopia Mohammed Abaoli Abafogi¹, Omer Kara² ¹ Directorate of Natural Resources, Jimma, Ethiopia. ² Karadeniz Technical University, Ethiopia.	Life Cycle Analysis of Food Waste Generated on University Campuses: A case study of Montclair State University, New Jersey Oyindamola Atinuke Fadipe¹, Robert Taylor² ^{1,2} Montclair State University, USA.
090	159
Assessment and development of forage biomass estimation system using satellite image: Case of Harshin district, Eastern Ethiopia Muhyadin Mohammed Ahmed¹, Derege Tsegaye², Dahir Yosuf Abdi³ Jijiga University, Jijiga, Ethiopia.	The Tragedy of Floodplains: Why Floodplains are Underutilized and What Can be Done About it? Mir Muhtadi Faiaz¹, Raisul Millat Safkat² ^{1,2} University of British Columbia, Vancouver, BC, Canada. ² University of Dhaka, Bangladesh.
108	113
Establishing a Transit-Oriented Development (TOD) Policy for Urban Sustainability in Ho Chi Minh City, Vietnam: A Theoretical Model Robert W. Taylor¹, Hoang Ba Nguyen², Huy Huu Nguyen³ ¹ Montclair State University, New Jersey, USA. ^{2,3} Department of Transport Planning, Ho Chi Minh University of Transportation, Vietnam.	Sustainable Development and International Investment Treaties: Emerging Trends of Non-Economic Aspects of BITS Pratibha Tandon Chicago-Kent College of Law, USA.
116	040
Sustainability Issues in the Implementation of Biofuel Policies in India Saravanan A¹, Thangavel Mathimani² ¹ Humanities and Social Sciences Department, Indian Institute of Management Indore, Madhya Pradesh, India ² Department of Energy and Environment, National Institute of Technology, Tiruchirappalli 620015, Tamil Nadu, India.	Contribution of Hygiene Behavior Change interventions in trachoma elimination efforts in Uganda: A case study of Napak and Nakapiripirit districts. Phillips Okot^a, Denis Kayiwa^b, Ronnie Murungu^c, David Watako^d, Olutayo Bankole Bolawole^e, Jane Sembuche^f ^{a,b,f} WaterAid Uganda, Uganda. ^{c,d} WaterAid East Africa, Kigali, Rwanda.
121	125
Factors affecting the willingness to adopt Internet of Things in the construction industry Jieh-Haur Chen¹, Nguyen Thi Thu Ha², Hsing-Wei Tai³, Chao-An Chang⁴, Ho Thi Hoang Nhi⁵ ¹ Department of Civil Engineering, National Central University, Taiwan. ² Department of Civil Engineering, National Central University, Taiwan ³ School of Civil Engineering, Shandong University of Technology, China. ⁴ Department of Civil Engineering, National Central University, Taiwan. ⁵ Department of Transport Planning, Ho Chi Minh City University of Transport, Vietnam.	Leadership for Promoting Sustainable Development: A Study of Nongovernmental Organization Leaders in Haiti Adelin Rival Independent Researcher, USA.

Lunch at Lounge

Session V
December 11, 2019
1:30 PM – 3:30 PM

Room A	Room B
Theme Gender and Social Policy	Theme Economics / Foods and Agriculture/Sci. Technology
064	010
Violence against Women by the Army Personnel Rishika Arora ^a, Iyina Grover ^b ^a Independent Researcher, India. ^b eMinds Legal LLP, Delhi, India.	Microenterprise Development in Sub-Saharan Africa: Issues, Constraints, Challenges and Implications for Sustainable Economic Development. Anthony Anyii Akamobi Department of Economics, Chukwuemeka Odumegwu ojukwu University, Nigeria
144	130
Criminalizing Marital Rape in India: A Step towards Sustainable Development Karan Dhillon University Institute of Legal Studies, Panjab University Chandigarh, India.	Leverage Points Meets Sustainable Transformation: Speeding Up Sustainability Progress Matt Polsky Erasmus University, Netherland
167	154
Is It Fair Now? 2030 Sustainable Development Goals and Gender Equality in the Middle East and North Africa Radwa Elsaman School of Law, Boston University, Boston, USA.	Economic Resiliency Model for Disaster Mitigation In Floating Barangays of Malolos City, Bulacan, Philippines Alain Jomarie Guillen Santos ¹, Zosimo Ocampo Membrebe Jr. ², Arlen Angelada Ancheta ³ ^{1,2} University of Santo Tomas Graduate School, Manila, Philippines.
170	097
How Social Research Methodology Determines Results and Social Policy. An Example: Counting Homeless People Henri Pallard ¹, Carol Kauppi ² ¹ International Centre for Interdisciplinary Research in Law ² Centre for Research in Social Justice and Policy Laurentian University, Sudbury, Ontario, Canada.	Nutritional, phytochemical and economic potential of marama bean: The 'green gold' of southern Africa AbiodunOlusola Omotayo¹, AdeyemiOladapo Aremu^{1,2} ¹ Food Security and Safety Niche Area, Faculty of Natural and Agricultural Sciences, North West University, Private Bag X2046, Mmabatho 2790, North West Province, South Africa ² Indigenous Knowledge Systems (IKS) Centre, Faculty of Natural and Agricultural Sciences, North West University, Private Bag X2046, Mmabatho 2790, North West Province, South Africa
135	120
Artificial Intelligence- Who is Liable? Amita Verma ¹, Arpit Bansal ² ^{1,2} University Institute of Legal Studies, Panjab University Chandigarh, India.	The challenges of agriculture: feeding the world of tomorrow on a transitioning and endangered Earth Michele Salinas ¹, Chloe Baudet ², ^{1,2} Agence pour le Développement Economique et Culturel Nord Sud (ADEC-NS) Statut Consultatif Spécial auprès du Conseil Economique et Social (ECOSOC) de l'ONU - Membre de l'Initiative Global Compact, France.
065	115
Plastic Pollution in India: An Evaluation of Public Awareness and Consumption Behaviour Kanwal D.P. Singh ^a, Aakriti Mathur ^b ^{a,b} University School of Law and Legal Studies, Guru Gobind Singh Indraprastha University, Delhi, India.	Effectiveness Of <i>Chromolaecaeae Odorata</i> (Siam Weed) For Phytoremediation Of Lead And Other Toxic Metals In Enyigba Lead Mines, Nigeria Wilberforce John Otu Oti ¹, Silas Ngele², Felix Nworie ³, Rosemary Ogonnie Oti-Wilberforce ⁴ ^{1,2,3,4} Department of Industrial Chemistry, Ebonyi State University, Abakaliki, Nigeria.

Session VI
December 11, 2019
3:30 PM – 5:30 PM

Room A	Room B
Theme Governance	Theme Governance/ Health/Science and Technology
015	160
<p>Measuring the Strength of Sustainability in India's New Model Bilateral Investment Treaty 2015: A Legal Discourse</p> <p>Rashmi Patowary Jindal Global Law School (O.P. Jindal Global University), Sonipat, Haryana, India.</p>	<p>Peace as a Strategy to Realize Water Security</p> <p>Tal Septon¹, Nidhi Nagabhatla², Caner Sayan³ ^{1,2,3} United Nations University Institute for Water, Environment, and Health (UNU-INWEH), Hamilton, Ontario, Canada.</p>
101	168
<p>The challenges of regulatory integration in renewable energy frameworks: A case study of the Brazilian regulatory framework</p> <p>Rachel Marini Ravagnani UNSW Law – University of New South Wales, Anzac Pde., Kingsford NSW, Australia.</p>	<p>The Role of Regulation in Microfinance Institution Governance</p> <p>Zakir Morshed¹, Mohshin Hahib², Christine Jubb³ ^{1,2,3} Faculty of Business and Enterprise, Swinburne University of Technology, Australia.</p>
149	031
<p>Perceived Impact of External Quality Assurance on Public and Private Higher Education Institutions in Namibia</p> <p>Simon Eno Akpo¹, Franz Ernst Gertze² ¹ International University of management, Windhoek, Namibia. ² Namibia Qualifications Authority, Nambia.</p>	<p>Green Justice and the Application of Polluter- Pays Principle: A Study of India's National Green Tribunal</p> <p>Usha Tandon Campus Law Centre, University of Delhi, North Campus, Maurice Nagar, Delhi, India.</p>
158	119
<p>The MDGs and SDGs in Nigeria and the Camerons 2000-2019: Some Lessons from Africa</p> <p>Patrick Agbor Assibong¹, Adaina Yartey Lady², Helen Beyang Assibong³, Jesufemi Bakare⁴ ^{1,2,4} Covenant University Ota, Ogun State, Nigeria. ³ All Africa Community Development and Environmental Protection Agency (AACDEPA) Buea-Cameroon.</p>	<p>Investigation of Corporate Social Responsibility in Multi-National Companies to promote Environmental Sustainable Development.</p> <p>Pavithra Priyadarshini Selvakumar University of East Anglia, United Kingdom.</p>
151	046
<p>The Italian model of the legality rating for enterprises between reputational investment and sustainable development.</p> <p>Giovanna Maria Flavia Nitti Van der Heijden Instituut, Radboud University Nijmegen; Netherland Dipartimento di Giurisprudenza, University of Bari "Aldo Moro", Italy.</p>	<p>Economic Integration vs. Social Policy? The case of changing schemes of healthcare systems in the EU</p> <p>Aikaterini Tsalampouni Department of International and European Studies of University of Macedonia, 156 Egnatia Street, GR-546 36 Thessaloniki, Greece.</p>
150	032
<p>The Internationalization of Higher Education Institutions: The Case of the Polytechnic of Namibia (Now Namibia University of Science and Technology)</p> <p>Simon Eno Akpo¹, Neavera O. Tjivikua² ¹ International University of management, Windhoek, Namibia. ² Namibia University of Science and Technology (NUST), Nambia.</p>	<p>Does Environmental Performance Help Firms' Value to Recover Faster from Environmental Controversies: International Evidence?</p> <p>Muhammad Ullah Clermont Recherche Management (CleRMa), Université Clermont Auvergne, 63000 Clermont Ferrand, France</p>

Session VII
Online Presenters

007

Perspective of Government Officials on Solar Energy in the Commercial Sector: Experiences from India

Meenal Jain ^a, Meenakshi Mital ^b, Matt Syal ^c

^{a,b} Lady Irwin College, University of Delhi, India.

^c School of Planning, Design & Construction, Michigan State University, USA.

038

Ship breaking regimes of India and Bangladesh: An assessment of their compatibility with international laws

Ishtiaque Ahmed

North South University, Bashundhara, Dhaka-1229, Bangladesh.

048

Africa Free Trade Area foretold: A reflective analysis of Kwame Nkrumah's views for Africa in line with the benefits of the agreement establishing the African continental free trade area

Edwick Murungu

Africa Leadership University
Kigali Heights, Kigali, Rwanda.

059

'Sustainable Fashion' and Water Pollution: A Constitutional Analysis of Enforcing the Use of Organic Raw Materials for Dying in the Fashion Industry

FilzahBelal ^a, Kahaan Mehta ^b

^a National Law University and Judicial Academy, Assam, India.

^b Symbiosis Law School, Pune, India.

066

Sustenance of a joyous and leisurely life

Girish Shankar Abhyankar

Ecological Society, Senapati Bapat Road, Pune, India.

105

Synthesis and characterization of a novel biodegradable copolymer grafted with acrylic acid and vinyl acetate monomers

Ayesha, Mohyuddin ¹, Muhammad Amjad ², Sohail Nadeem ³, Wajad Ulfat ⁴

^{1,2,3,4} Department of Chemistry, University of Management and Technology, C-II, Johar Town, Lahore, Pakistan

107

HDI of Dalits and Tribes in India: The Distance to be Travelled

Shiddalingaswami Veerayya Hanagodimath

Centre for Multi-disciplinary Development Research (CMDR), Dharwad - Karnataka, India.

131

**The Global Political Economy: Principled and Shared Decision-making
Policy Dynamics for Sustainable Development Action with SENSE.**

Illustration- Plastics Sustainability Transition

Sai Dharani Kamireddy

Independent Researcher, India.

132

Skill Development Programs in India- Emerging tool to address sustainable human development

Sunita Sanghi¹, Nidhi Gautam²

^{1,2} Ministry of Skill Development and Entrepreneurship, Government of India.

136

Impact of Post-harvest Loss Interventions on Post-Harvest Losses of Maize among Small Holder Farmers in Tanzania: A Difference in Difference (DID) Analysis

Joy Mueni Kiiru

School of Economics, University of Nairobi, Kenya.

137

Intergenerational Equity with regard to Dynamic Efficiency

Adhiraj Singh Chauhan

Army Public School, Dhaura Kauan, Gurugram, India.

141

Post Occupancy Evaluation (POE) to Assess Multifamily Residential Building Energy Performance in India

Chaitali Basu¹, Virendra Kumar Paul², Matt M.G Syal³, Gazal Dandia⁴

^{1,2,4} Department of Building Engineering and Management, School of Planning and Architecture, Delhi, India.

³ Michigan State University, East Lansing, USA.

143

**Management of Common Property Land Resources (CPRS), Institutional Framework
& Economic Development: A Study from India**

Venkateshwara S Gajavelli

Institute of Management Technology, Nagpur, India.

147

Group based micro-finance – Beginning of the end?

Arun Raste

National Dairy Development Board, Anand, Gujarat India.

148

Consequences of Urbanization on Wildlife Survival in India and USA - Relevance of adoption of Legislations

Akriti Gupta¹, Mahima Sharma²

^{1,2} Symbiosis Law School, NOIDA, India.

152

Curriculum and Community – the 2Cs for Community Based Academic Learning with Research, Action and Service (CBALwRAS): a case study from India

Shweta Sinha Deshpande¹, Sulakshana Sen², Gayatri Mendanha³, Roshni Raheja⁴, Khushi Bajaj⁵, Ananya Moorthy⁶, Kuhelika Bisht⁷, Sarah Cherian⁸, Sharanya Nair⁹, Naushi Mathur¹⁰, Kodamarti Meghana¹¹

^{1,2,3,4,5,6,7,8,9,10,11} Symbiosis School for Liberal Arts, Pune, Maharashtra, India.

153

Reasons for Students' Absenteeism from Lectures in Selected Tertiary Institutions from Delta State and Edo States of Nigeria: The Students' Views

Bernadette A. Joy Egede¹, Mary Bivwiere Asabor²

^{1,2} College of Education, Agbor, Delta State, Nigeria.

162

Determinants of Effective Collective Marketing Action and Profitability of Smallholder Farmers in Uganda

John Ariko Okelai¹, Angundaru Gladys²

^{1,2} Makerere University Business School, Kampala, Uganda.

169

Social outcomes of Saving Groups: seeing beyond social capital

Reut Barak Weekes

Glocal International Development, Hebrew University of Jerusalem, Israel.

Next Meeting

14th International Conference on Sustainable Development

August 18, 19, 20, 2020

**United Nations Conference Centre
Economic and Social Commission for Asia Pacific**

United Nations Building,
Rajdamnern Nok Avenue,
Khwaeng Bang Khun Phrom, Khet Phra Nakhon, Bangkok 10200,

Thailand