



# NERPS 2024 CONFERENCE

6-9 MARCH 2024 HIROSHIMA UNIVERSITY, JAPAN

Navigating Peace and Sustainability  
in an Increasingly Complex World



# PROGRAM OVERVIEW

## PRE-CONFERENCE WORKSHOPS

### March 4 (Monday)

09:00–17:00 Positive Peace Workshop hosted by the Institute for Economics and Peace (IEP)

16:00–17:00 Economic Peace Workshop hosted by UNESCP Chair for Economic Peace

### March 5 (Tuesday)

09:00–17:00 Positive Peace Workshop hosted by the Institute for Economics and Peace (IEP)

Time TBD Workshop hosted by Remote Sensing Technology Center of Japan (RESTEC)

## MARCH 6 (WEDNESDAY)

09:00-10:00 Registration

10:00-11:30 Opening Session & Keynote Address

12:00-13:30 Lunch Break

13:30-15:00 Parallel Sessions 1

Session 1.1 Organized Panel: From Climate Conflicts to Climate-Resilient Peace

Session 1.2 Organized Panel: Urban Sustainability

Session 1.3 Rethinking Sustainable Development

Session 1.4 Good Health and Well-being A

Session 1.5 Gender Equality

Session 1.6 Peacebuilding and Reconciliation

17:40-21:00 Welcoming and Networking Social Event – GALAXY (Hiroshima-Miyajima-Round cruise) dinner cruise

## MARCH 7 (THURSDAY)

09:00-10:30 Parallel Sessions 2

Session 2.7 Roundtable: Educating for the Future: Leveraging Practice-Oriented Pedagogies to Prepare Students to Confront Pressing Social and Environmental Challenges

Session 2.8 Roundtable: Gender and Environmental Militarism: The Challenge of Peace and Human Security in Asia-Pacific Island Communities

Session 2.9 Roundtable: Development-Security-Sustainability Nexus in the Context of Environmental and Climate Change

Session 2.10 Zero Hunger

Session 2.11 Clean and Safe Water

10:30-11:00 Break

11:00-12:30 Parallel Sessions 3

Session 3.12 Organized Panel: Local Perspectives on Peace and Sustainability in Mindanao

Session 3.13 Affordable and Clean Energy

Session 3.14 Food Security

Session 3.15 Sustainable Cities and Communities A

Session 3.16 The Climate-Conflict Nexus

12:30-13:30 Lunch Break

13:30–15:00 Parallel Sessions 4

Session 4.17 Workshop: Nuclear Risk in Northeast Asia

Session 7.18 Organized Panel: (Re)thinking Local Security Governance

Session 4.19 Quality Education

Session 4.20 Climate Action

Session 4.21 Environmental Diplomacy, Peacebuilding, and Cooperation

15:00–15:30 Break

**15.30-17.00 Parallel Sessions 5**

- Session 5.22 Roundtable: Implementing Sustainability and Peace Initiatives: Administrative Perspectives on Success and Challenges at the University of Idaho
- Session 5.23 Organized Panel: Urban Sustainability
- Session 5.24 No Poverty
- Session 5.25 Local Dynamics of Peace and Sustainability
- Session 5.26 Responsible Consumption and Production A
- Session 5.27 Climatic Impacts on Security and Vulnerability

**MARCH 8 (FRIDAY)**

**09:00-10:30 Parallel Sessions 6**

- Session 6.28 Roundtable: Tools and Strategies for Evaluating and Sustaining Academic Contributions to the UN SDG
- Session 6.29 Education for Peace
- Session 6.30 Sustainable Tourism
- Session 6.31 Sustainable Production
- Session 6.32 Peace, Justice and Strong Institutions A
- Session 6.33 Environmental Justice

**10:30-11:00 Break**

**11:00-12:30 Parallel Sessions 7**

- Session 7.34 Workshop: Leveraging Interdisciplinary Research and Expertise for Public Policy
- Session 7.35 Industry, Innovation, and Infrastructure
- Session 7.36 Peace, Justice and Strong Institutions B
- Session 7.37 Responsible Consumption and Production B
- Session 7.38 Disasters
- Session 7.39 Sustainable and Equitable Livelihoods

**12:30-13:30 Lunch Break**

**13:30–15:00 Parallel Sessions 8**

- Session 8.40 Biodiversity and Ecosystems
- Session 8.41 Good Health and Well-being B
- Session 8.42 Sustainable Cities and Communities B
- Session 8.43 Resource Conflicts and Socio-Economic Inequalities
- Session 8.44 Youth and Climate Change

**15:00–15:30 Break**

**15.30-17.00 Closing Ceremony**

**MARCH 9 (SATURDAY)**

Excursion to the UNESCO World Heritage Site at Miyajima and the historic city of Hiroshima (optional)

# DETAILED PROGRAM

## PRE-CONFERENCE WORKSHOPS

### March 4 (Monday)

#### Positive Peace Workshop

09:00–17:00 Central Library Hall

Facilitators: Patricia Garcia (Institute for Economics and Peace (IEP), Australia) and members of Hiroshima University's Positive Peace Society

#### Economic Peace as a preventive approach to developing a sustainable world – from philosophy to concrete implementation

16:00–17:00 Mirai Crea Large Conference Room

*Dominique Steiler (Grenoble École de Management, France)*

*Jean-Philippe Fuesier (Machines de Triage et de Broyage, France)*

### March 5 (Tuesday)

#### Positive Peace Workshop

09:00–17:00 Mar 5 (Tue) Central Library Hall

Facilitators: Patricia Garcia (Institute for Economics and Peace (IEP), Australia) and members of Hiroshima University's Positive Peace Society

#### RESTEC

Time TBD Mar 5 (Tue) Mirai Crea Large Conference Room

Facilitator: (Remote Sensing Technology Center of Japan (RESTEC), Japan)

## MARCH 6 (WEDNESDAY)

#### Registration

09:00–10:00 Mar 6 (Wed) Kurara Small Hall

#### Opening Session & Keynote Addresses

10:00–11:30 Mar 6 (Wed) Kurara Small Hall

#### Professor Atsushi Sunami

*President Sasakawa Peace Foundation and Special Advisor to the President for Strategic Partnership of The National Graduate Institute for Policy Studies, Japan*

#### Ms. Chisa Mikami

*Head of Office, United Nations Institute for Training and Research (UNITAR), Hiroshima*

12:00–13:30 Lunch Break

### 13:30–15:00 PARALLEL SESSIONS 1

#### Session 1.1 Organized Panel: From Climate Conflicts to Climate-Resilient Peace

13:30–15:00 Mar 6 (Wed) Mirai Crea Large Conference Room

Chairs: Tobias Ide (Murdoch University, Australia) and Vally Koubi (ETH Zurich, Switzerland)

Climate Change Impacts in Bangladesh – Securitization, Conflict and Cooperation

*Vally Koubi (ETH Zurich, Switzerland)*

Conflict Considerations in United Nations Framework Convention on Climate Change's National Adaptation Plans

*Elise Remling (University of Canberra, Australia)*

Rebel Governance in the Wake of Disasters

*Tobias Ide (Murdoch University, Australia)*

The Future of UN Peacekeeping Infrastructure: Drawdown, Legacy, and Climate-Security Peace Imaginary

*Silvia Danielak (Georgetown University, USA)*

**Session 1.2 Organized Panel: Urban Sustainability**  
13:30–15:00 Mar 6 (Wed) East Library Workshop Area  
Chair: Baojie He (Chongqing University, China)

Review of Urban Water Climate Regulation toward Sustainable Approaches  
*Yufeifei Qiu and Baojie He (Chongqing University, China)*

The Effect of Heat Stress on Outdoor Exercise Ability  
*Boze Huang and Baojie He (Chongqing University, China)*

Research on Refined Identification Methods of Urban Ventilation Corridors in Mountainous Valleys—a Case from Wanzhou, Chongqing, China  
*Mingqiang Yin, Baojie He and Hu Wen (Chongqing University, China)*

Measurement and Assessment of Operational Carbon Potential from a Standardized Decarbonization Framework for Green Roofs  
*Xin Dong and Baojie He (Chongqing University, China)*

**Session 1.3 Rethinking Sustainable Development**  
13:30–15:00 Mar 6 (Wed) East Library Seminar Room D  
Chair: Björn-Ola Linnér (Linköping University, Sweden)

Framework for a Circular Economy in the Philippines  
*Alvin Ang and Joselito Sescon (Ateneo de Manila University, Philippines)*

An Evaluation of Developments in Various Countries' towards Achieving the UN Sustainable Development Goals  
*Himanshu Poptani (National Institute of Technology Raipur, India)*

Two Models of 'Developmental States' Exporting Smart Cities: The Cases of China and Japan in South-East Asia  
*Giulia Clara Romano (University of Duisburg-Essen, Germany) and Daniel del Barrio Álvarez (The University of Tokyo, Japan)*

Technology-Enhanced Learning Towards Sustainable Cities. The cases of the Greencoin and the SmartFood projects  
*Ewa Duda (Maria Grzegorzewska University, Poland)*

**Session 1.4 Good Health and Well-being A**  
13:30–15:00 Mar 6 (Wed) East Library Seminar Room A  
Chair: Saori Kashima (Hiroshima University, Japan)

Association of Peace and Sustainable Development Indices with Mental Health  
*Alan S. R. Fermin (Hiroshima University, Japan)*

Linking Satellite Based Gridded Air Pollution Data with Demographic Health Survey (DHS) Data and Exploring the Link between Particulate Matter Pollution and the Risk of Acute Respiratory Infection in Children Using Generalized Estimating Equations Analysis  
*Mihir Adhikary and Nandita Saikia (International Institute for Population Sciences, India)*

Bridging the Gap: Socio-economic Challenges and Psychological Insecurities among Aging Population of Bangladesh  
*Mumita Tanjeela (East West University, Bangladesh) and Sadika Akhter (Deakin University, Australia)*

Assessing the Heterogenous Factors Affecting the Well-Being of Women with Premature Depletion of Ovarian Function: A Qualitative Study  
*Sampurna Kundu (Jawaharlal Nehru University, India)*

**Session 1.5 Gender Equality**  
13:30–15:00 Mar 6 (Wed) East Library Seminar Room B  
Chair: Glenda Tibe Bonifacio (Lakehead University, Canada)

Does Participation in the "Grain for Green Program" Change the Status of Rural Men and Women? An Empirical Study of Northeast China  
*Yifei Zhu and Keshav Lall Maharjan (Hiroshima University, Japan)*

Exploring Factors Influencing the Willingness of Higher Education Females to Inaugurate in STEM - Insights from an Empirical Analysis of STEM Job Preferences in Japan  
*Juan Xu, Shinji Kaneko and Daisaku Goto (Hiroshima University, Japan)*

Leveraging Technology and Collaboration for Peacebuilding: A Case Study of Aretes Style Empowering Bangsamoro Women and Youth in Lanao del Sur, Philippines

*Yasmin Abdurahim Tagorda (De La Salle University, Philippines) and Yasmin Manalocon Mangotara (University of the Philippines, Philippines)*

Feasibility Study of Women Security Measures Development thought AI and Fostering Peace in Asian Pacific Region

*Zulakha Rasheed (Asian Institute of Technology, Thailand)*

### **Session 1.6 Peacebuilding and Reconciliation**

13:30–15:00

Mar 6 (Wed) East Library Seminar Room C

Chair: Srinjoy Bose (University of New South Wales, Australia)

Grassroots Peacebuilding: Colombian Community Initiatives

*Beth Fisher-Yoshida (Columbia University, USA)*

Reconciliation in Retrospect: A Case Study on Reconciliation Efforts in Sri Lanka

*Gayana Sanjaya Perera Kahandawalaarachchi (Hiroshima University, Japan)*

Peace Under Pressure: A Burning Problem for Northern Ireland

*John-Guy Perrem (Muroran Institute of Technology, Japan)*

Atomic-Bomb Survivors' Traumatic Memories and Vehicles of Escape: Triggers and Alleviations in the Local Transport System

*Luli Van Der Does (Hiroshima University, Japan)*

15:00–17:40

Transfer from Hiroshima University to Miyajima Matsudai Port

17:40–21:00

Welcoming and Networking Social Event–GALAXY (Hiroshima-Miyajima-Round Cruise) dinner cruise

## MARCH 7 (THURSDAY)

### 09:00–10:30 PARALLEL SESSIONS 2

**Session 2.7 Roundtable: Educating for the Future: Leveraging Practice-Oriented Pedagogies to Prepare Students to Confront Pressing Social and Environmental Challenges**

09:00–10:30 Mar 7 (Thu) East Library Workshop Area  
Chair: Joshua Fisher (Columbia University, USA)  
*Laurel Zaima Sheehy (Columbia University, USA)*  
*Beth Fisher-Yoshida (Columbia University, USA)*  
*Alva Linnér (Linköping University, Sweden)*  
*Katherine Alfredo (University of South Florida, USA)*

**Session 2.8 Roundtable: Gender and Environmental Militarism: The Challenge of Peace and Human Security in Asia-Pacific Island Communities**

09:00–10:30 Mar 7 (Thu) East Library Seminar Room A  
Chair: Glenda Tibe Bonifacio (Lakehead University, Canada)  
*Ayano Ginoza (The University of the Ryukyus, Japan)*  
*Roxanna Balbido Epe (University of Lethbridge, Canada)*  
*Kozue Akibayashi (Doshisha University, Japan)*

**Session 2.9 Roundtable: Development-Security-Sustainability Nexus in the Context of Environmental and Climate Change**

09:00–10:30 Mar 7 (Thu) East Library Seminar Room D  
Chair: Srinjoy Bose (University of New South Wales, Australia)  
*Fengshi Wu (University of New South Wales, Australia)*  
*Dipendra KC (Ritsumeikan Asia Pacific University, Japan)*  
*Tobias Ide (Murdoch University, Australia)*

**Session 2.10 Zero Hunger**

09:00–10:30 Mar 7 (Thu) East Library Seminar Room B  
Chair: Shan Jin (University of Portsmouth, UK)

**Evolving Partnerships for Development: Transnational Agrarian Movements and Farmer Empowerment in the Philippines**  
*Renee Tila (Kyoto University, Japan)*

**Impact of Training on Reducing Drop-Outs of Farmers from Heifer Calf Rearing (HCR) Program: A Randomized Controlled Trial**  
*Udesika Sewwandi R. Karawdeni K. and Niraj Prakash Joshi (Hiroshima University, Japan)*

**An In-Depth Analysis of Morocco's New Strategies for Agricultural Transformation and Industrializing Agriculture for Sustainability and Peace**  
*Oumaima Touchibine, Baddih Hindou (Kenitra Ibn Tofail University Morocco), Fatima Zohra Azizi (University of Rabat, Morocco) and Majidi Fouzia (Oujda Mohammed 1 University, Morocco)*

**Corporate Social Responsibility, Social Entrepreneurship and SDG Attainment in Local Communities**  
*Sanchayan Nath (Indian Institute of Technology Tirupati, India)*

**Session 2.11 Clean and Safe Water**

09:00–10:30 Mar 7 (Thu) East Library Seminar Room C  
Chair: Ali Kharrazi (International Institute for Applied Systems Analysis (IIASA), Austria)

**Our Records Show You Have Access to Safe Water, but Do You?**  
*Katherine Ann Alfredo (University of South Florida, USA)*

**An Experimental Study on Improving Solar-Based Distillation Productivity through the Utilization of Split AC Condenser Heat**  
*Rahul Patel and Rahul Dev (Motilal Nehru National Institute of Technology Allahabad, India)*

**Adsorption of Methylene Blue from Aqueous Solution by Sri Lankan Ball Clay Studies on Equilibrium Isotherm**  
*Nadisha Tharangani Kumari Nawarathna and C. S. Kalpage (University of Peradeniya, Sri Lanka)*

10:30–11:00 Break

### 11:00–12:30 PARALLEL SESSIONS 3

#### Session 3.12 Organized Panel: Local Perspectives on Peace and Sustainability in Mindanao

11:00–12:30 Mar 7 (Thu) East Library Workshop Area

Chair: John Lee Candelaria (Hiroshima University, Japan)

Cultivating Positive Peace through Dialogic Interface Pedagogy: Insights from Lumad Bakwit Schools in the Philippines

*Giselle L. Miolo (Waseda University, Japan)*

Institutional Evolution in Mindanao: Pathways from Predatory Politics to Developmental Governance

*Arianne Dacalos (National Graduate Institute for Policy Studies (GRIPS), Japan)*

Assessment of Water and Sanitation Systems Among the Households in Tagum City, Philippines through Spatial and Statistical Approaches

*Sherelyn Abrao Evangelio (University of the Philippines Mindanao, Philippines)*

Locating the Queer Body in BARMM, Philippines' Peacebuilding Landscape: Implications for Advancing a Queer-Inclusive Youth, Peace, and Security Agenda

*Joshua Arsenio Viñas Espiritu, III (Sophia University, Japan)*

#### Session 3.13 Affordable and Clean Energy

11:00–12:30 Mar 7 (Thu) East Library Seminar Room A

Chair: Ayyoob Sharifi (Hiroshima University, Japan)

Impact Evaluation of Kerosene to LPG Conversion Program in Indonesia

*Ahmad Luthfi (Ministry of Energy and Mineral Resources, Indonesia) and Shinji Kaneko (Hiroshima University, Japan)*

Review of Energy Transition Policies in Vietnam: How Equity Concerns are Incorporated

*Ngoc Thuy Thuy Nguyen (Imperial College London, UK)*

Nigeria's Path to Green Energy Transition: Businesses Preferences for Adoption of Renewable Energy Technology

*Olayemi Ridwan Akangbe (Hiroshima University, Japan)*

Sustainability of Cross-Border Electricity Interconnection and Integration: An Analysis of ASEAN Power Grid 2.0

*Daniel del Barrio Álvarez (The University of Tokyo, Japan)*

#### Session 3.14 Food Security

11:00–12:30 Mar 7 (Thu) East Library Seminar Room B

Chair: Katherine Alfredo (University of South Florida, USA)

INFER: A Framework for Assessing and Mitigating Multidimensional Food System Risks

*Ali Kharrazi (International Institute for Applied Systems Analysis (IIASA), Austria)*

Impact Evaluation of Wheat Productivity Enhancement Program: A Randomized Controlled Trials Intervention

*Nadia Hussain and Maharjan Keshav Lall (Hiroshima University, Japan)*

Impact of El Nino Phenomenon on Drought Characteristic in Thailand over the Period of 20 Years from 2002 to 2022

*Danh Phan Hong Pham and Chitrini Mozumder (Asian Institute of Technology, Thailand)*

The Impact of Bio-Pesticide Application on Tomato Production in Saline-Prone Area in Bangladesh

*Kazi Khalid Hossain and Niraj Prakash Joshi (Hiroshima University, Japan)*

#### Session 3.15 Sustainable Cities and Communities A

11:00–12:30 Mar 7 (Thu) East Library Seminar Room C

Chair: Himanshu Poptani (National Institute of Technology Raipur, India)

Aerial Imagery vs Satellite Data: Picking the Perfect Picture for Assessing Rural Towns Development (in Poland)

*Ewa Grabska-Szwagrzyk (Institute of Geography and Spatial Management, Jagiellonian University, Poland)*



The Potential of Employing Tian-Ren-He-Yi Strategy in Green TOD at the Neighborhood and Community Levels during the Post-COVID Recovery Era

*Tong Zou (University of Nottingham Ningbo, China), Ali Cheshmezhangi (Qingdao City University, China), Ayotunde Dawodu (University of Greenwich, UK), Eugenio Mangi, Linjun Xie and Andrea Palmioli (University of Nottingham Ningbo, China)*

A Critical Analysis of the Urban Heat Behavior of Local Climate Zones (LCZs) and their Implications for Heat-Resilient Urban Planning and Design

*Neshat Rahmani (Hiroshima University, Japan)*

The Impact of Rapid Urban Growth on LULC change and Urban Heat Island: The Case of Babuzai, Pakistan

*Fahad Shah and Ayyoob Sharifi (Hiroshima University, Japan)*

### **Session 3.16 The Climate-Conflict Nexus**

11:00–12:30 Mar 7 (Thu) East Library Seminar Room D

Chair: Prakash Bhattarai (Centre for Social Change, Nepal)

An Impending Polycrisis? Examining Evidence for Interrelated Crises of Climate Change, Food Insecurity, Socioeconomic Inequality, and Conflict Intensity

*Alva Linnér (Linköping University, Sweden)*

Rising Power and Regional Competition: Looking Through China-Japan Aid Competition in Southeast Asia

*Qian Qin (University of New South Wales Sydney, Australia)*

Farmer-Herder Conflicts and Livelihood Vulnerability Nexus: An Indexing Approach Based on Structural and Processual Perspectives

*Issah Suhuyini Alhassan (Kwame Nkrumah University of Science and Technology, Ghana), Mariève, Pouliot (University of Copenhagen, Denmark), Boateng, Kyereh (Kwame Nkrumah University of Science and Technology, Ghana) and Mercy Afua Adutwumwaa, Derkyi (University of Energy and Natural Resources, Ghana)*

Climate Adaptation and Conflict: Experimental Research in Rice-Shrimp Systems in Vietnam

*Phuong Dung Le, Francisco Alpizar (Wageningen University and Research, Netherlands) and Katherine Nelson (International Rice Research Institute, Philippines)*

12:30-13:30 Lunch Break

## **13:30–15:00 PARALLEL SESSIONS 4**

### **Session 4.17 Workshop: Nuclear Risk in Northeast Asia**

13:30–15:00 Mar 7 (Thu) East Library Workshop Area

Chair: Fumihiko Yoshida (Nagasaki University, Japan)

*Tatsujiro Suzuki (Nagasaki University, Japan)*

*Kimiaki Kawai (Nagasaki University, Japan)*

*Kazuko Hikawa (Osaka Jogakuin University, Japan)*

### **Session 4.18 Organized Panel: (Re)thinking Local Security Governance**

13:30–15:00 Mar 7 (Thu) East Library Seminar Room A

Chair: Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines)

Localizing Security: The Implementation of Executive Order No. 70 in Davao Region, Philippines

*Leo D. Rayon, Jr. and Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines)*

Shifting Approach for Wicked Problems? The Philippine Army's Non-Traditional Strategies in Countering Communist Insurgency

*Charlo Bianci Montehermoso Guray (Davao del Norte State College, Philippines)*

Madaris as Counter-Extremism Institutions in Mindanao, Philippines

*Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines) and Margie D. Fiesta (Mindanao State University, Philippines)*

Healing Within: Mental Health Interventions for Communist Rebel-Returnees in Eastern Mindanao, Philippines

*Rose Anelyn Visaya Ceniza (Davao Oriental State University, Philippines) and Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines)*

Repurposing Agency: Bangsamoro Decommissioned Combatants as Humanitarian Service Providers in Emergency Settings  
*Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines)*

#### **Session 4.19 Quality Education**

13:30–15:00 Mar 7 (Thu) East Library Seminar Room B  
Chair: *Beth Fisher-Yoshida (Columbia University, USA)*

Brushes and Colors: Unveiling the Transformative Potential of Arts-Based Peacebuilding Approach in Post-Conflict Affected Area

*Arra Kaye Lozada Espenido and Federico Boyles Filipino (Mindanao State University, Philippines)*

eFARM Academy: Exploring the Role of Agricultural Technologies and Innovations of Higher Education Institution in the Philippines for Sustainable Education

*Laurence Lingat (Central Luzon State University, Philippines)*

Impact of Reward Commitment Program on Learning Information and Communication Technology (ICT) Subject

*Md Imran Jewel and Keshav Lall Maharjan (Hiroshima University, Japan)*

Environmental Education within Islamic Teaching through Creative Imagination Approach for Fostering Environmental Affection

*Desfa Yusmaliana (Universiti Brunei Darussalam, Brunei Darussalam), Aji Kurbiyanto (Universitas Muhammadiyah Bangka Belitung, Indonesia), Gamal Abdul Nasir Zakaria and Pg Nur-Ashikin binti Pg Hj Petra (Universiti Brunei Darussalam, Brunei Darussalam)*

#### **Session 4.20 Climate Action**

13:30–15:00 Mar 7 (Thu) East Library Seminar Room C  
Chair: Sara Rye (University of Bradford, United Kingdom)

States' Perceptions of Artificial Intelligence and the Climate: Idea Analysis of AI for Climate Mitigation and Adaptation

*Marie Esther Francisco (Linköping University, Sweden)*

Towards a Net-Zero ASEAN Economy: The Impact of Green Technology Adoption on the Gross Domestic Product (GDP) of Selected ASEAN Member States

*Micah Shane Daculan Calivo (Ateneo de Manila University, Philippines) and Jaca Luis Panganiban Astudillo (San Beda University, Philippines)*

Assessing Awareness, Perceptions, and Engagement in Nature-Based Carbon Capture Solutions toward Net-Zero Emission on Asian Institute of Technology (AIT) Campus

*Win Htun (Asian Institute of Technology, Thailand)*

Re-assessment of Carbon Balance due to Forest Management and Restoration at AIT Campus - Contribution of Forestry to Net-Zero Emissions

*Raksmeay Phal and Nophea Sasaki (Asian Institute of Technology, Thailand)*

#### **Session 4.21 Environmental Diplomacy, Peacebuilding, and Cooperation**

13:30–15:00 Mar 7 (Thu) East Library Seminar Room D  
Chair: Tobias Ide (Murdoch University, Australia)

A Systematic Review of Environmental Diplomacy: Comparing Tajikistan and Japan

*Faribo Idibekzoda (Hiroshima University, Japan)*

Geopolitical and Goeconomic Implications of Gwadar Port for Regional Power: Dynamics of Cooperation and Conflict

*Tooba Ahmad (University of the Punjab, Pakistan)*

Interstate Environmental Peacebuilding: A Systematic Review

*Aleksandra Balinskaia (Kanazawa University, Japan)*

Sustainable Forest Preservation in Miyajima's World Heritage Site: Local Species-Focus Revegetation and Collaborative Community Engagement

*Chi Quynh Phan (Hiroshima University, Japan)*

15:00–15:30 **Break**

## 15:30–17:00 PARALLEL SESSIONS 5

### Session 5.22 Roundtable: Implementing Sustainability and Peace Initiatives: Administrative Perspectives on Success and Challenges at the University of Idaho

15:30–17:00 Mar 7 (Thu) Mirai Crea Large Conference Room  
Chair: Sean Michael Quinlan (University of Idaho, USA)  
*Shauna Corry (University of Idaho, USA)*  
*Dennis Becker (University of Idaho, USA)*  
*Christopher Nomura (University of Idaho, USA)*

### Session 5.23 Organized Panel: Urban Sustainability

15:30–17:00 March 7 (Thu) East Library Workshop Area  
Chair: Baojie He (Chongqing University, China)

Construction of Cooling Tourism Areas: The Heat Effect from Cooler Resources  
*Xuecheng Fu and Baojie He (Chongqing University, China)*

Effects of Coupling Urban Street Canyon Forms and Vegetation Configuration Patterns on Pedestrian Thermal Comfort  
*Yiqun Li and Baojie He (Chongqing University, China)*

The Relationship between Area Morphology and Thermal Environment and Wind Environment  
*Zhang Juelan and Baojie He (Chongqing University, China)*

Effectiveness Assessment of Ventilation Measure to Mitigate Indoor Overheating: A Case Study of a Multi-Story Office Building  
*Liu Yin Lu and Baojie He (Chongqing University, China)*

### Session 5.24 No Poverty

15:30–17:00 Mar 7 (Thu) East Library Seminar Room A  
Chair: Ali Kharrazi (International Institute for Applied Systems Analysis (IIASA), Austria)

Beyond Adoption: Effects of Farmer-Herder Conflict Adaptation Strategies on Poverty and Subjective Wellbeing in Ghana  
*Issah Suhayini Alhassan and Kumasi Boateng (Kwame Nkrumah University of Science and Technology, Ghana)*

Differential Impact of Male and Female Outmigration on Poverty Incidence in Lao PDR  
*Yang Xiong and Niraj Prakash Joshi (Hiroshima University, Japan)*

Exploring Locust Consumption Acceptance Factors Among Pakistani University Students: Insights for Sustainable Food Adoption  
*Asad Ali Khan, Afaq Ali Khan, Muhammad Meraj and Khursheed Ahmed (Mohammad Ali Jinnah University, Pakistan)*

Do New Rural Social Pension Insurance Reducing Rural Elderly's Working Time? Evidence from the China Health and Retirement Longitudinal Study  
*Chengyi Jiang and Keshav Lall Maharjan (Hiroshima University, Japan)*

### Session 5.25 Local Dynamics of Peace and Sustainability

15:30–17:00 Mar 7 (Thu) East Library Seminar Room B  
Chair: Eliseo F. Huesca, Jr. (Davao del Norte State College, Philippines)

From Elimination to Assimilation to Forced Individualization of Rights: International Law's Troubled Relationship with Indigenous Peoples  
*Silvia Csevár (The Hague University of Applied Sciences, Netherlands)*

Owning their Peace: Creating Space for Indigenous Voices in Maritime Environmental Peacebuilding  
*Mikaela Francine D. Lagarde (Queensland University of Technology School of Law, Australia)*

From Tradition to Turmoil: Understanding Climate, Livelihood Insecurity and Conflict in Artisanal Fishing in Southern Bangladesh  
*Ma Suza, Jeroen Warner, Han van Dijk (Wageningen University and Research, Netherlands) and Katherine Nelson (International Rice Research Institute, Philippines)*

Condition under which a Post-Conflict Governance Operates Peacefully?  
*Prakash Bhattarai (Centre for Social Change (CSC), Nepal)*

## Session 5.26 Responsible Consumption and Production A

15:30–17:00

Mar 7 (Thu) East Library Seminar Room C

Chair: Alvin Ang (Ateneo de Manila University, Philippines)

Measuring the Impact of Hermetic Storage Technology on Storage Quantity and Post-harvest Storage Losses among Smallholder Maize Farmers in Nepal

*Deepak Kumar Nepali and Keshav Lall Maharjan (Hiroshima University, Japan)*

Supply Shocks in Global Value Chains and Export Performance: Firm and Product Level Evidence from Bangladesh

*Mohammad Rayhan Miah and Masaru Ichihashi (Hiroshima University, Japan)*

The Contribution of New Technologies to Inclusive Economic Growth: The Case of Morocco's Efforts to Build a Sustainable and Peaceful Society

*Fatima Zohra Azizi (University of Rabat, Morocco), Baddih Hindou (Ibn Tofail University, Morocco), Fouzia Majidi (Oujda Mohammed 1 University, Morocco) and Oumaima Tounchibine (Ibn Tofail University, Morocco)*

An Experimental Investigation of Producer Gas Generation with Agricultural Residues in a Hot Bed Circulating Fluidized Bed Gasifier with an Inline Feeder to a Circulating Unit

*Tushar Dattatray Patil (MET's Institute of Engineering, India) and Gajanan N Shelke (Sandip Institute of Engineering and Management, India)*

## Session 5.27 Climatic Impacts on Security and Vulnerability

15:30–17:00

Mar 7 (Thu) East Library Seminar Room D

Chair: Mumita Tanjeela (East West University, Bangladesh)

Risks of Climate Change and Fossil Fuel Dependency to Peace and Security: Surveying Perceptions at the Climate Negotiations 2017-2023

*Björn-Ola Linnér and Maria Jernnäs (Linköping University, Sweden)*

Equating the Non-Economic: Revisiting Loss and Damage and Learning from Southeast Asia

*Noe John Joseph Endencio Sacramento (University of the Philippines Cebu, Philippines) and Warathida Chaiyapa (Chiang Mai University, Thailand)*

Potential Economic Impact of Glacial Lake Outburst Floods and Mitigation Measures: A Case Study from the Indian Himalayas

*Palakunnath Jacob Rohan George (Hiroshima University, Japan)*

A Review of Urban Shade Infrastructure in Developing Countries with Humid and Hot Climate: Status, Barriers, and Prospects

*Liyue Jin (Chongqing University, China)*

**Social event: Recommendations will be provided during onsite registration.**

## MARCH 8 (FRIDAY)

### 09:00–10:30 PARALLEL SESSIONS 6

**Session 6.28 Roundtable: Tools and Strategies for Evaluating and Sustaining Academic Contributions to the UN SDG**

09:00–10:30 Mar 8 (Fri) Mirai Crea Large Conference Room  
Chair: Christine Prouty (Community and Practice)

*Drew Story (Massachusetts Institute of Technology, USA)*

*John Trimmer (Aquaya Institute Kenya, Kenya)*

*Kevin Orner (West Virginia University, USA)*

**Session 6.29 Education for Peace**

09:00–10:30 Mar 8 (Fri) East Library Seminar Room A  
Chair: Megan Molley (University of Idaho, USA)

Peace Sells, but Who's Buying: Individual Resilience Factors Against Online Polarization

*Christine Linda Cook, Simon Yun Chung Tang, Honoka Fukuda and Punya P. Das (National Chengchi University, Taiwan)*

Restorative Justice Practice: A Comprehensive Approach to Prevent School Violence and to Sustain a Peaceful School Environment

*Caleb Kim (Loyola University, USA)*

PeaceLab Studio: Bridging Education and Innovation for Climate Resilience and Peacebuilding in Northern Kenya

*Justin Henriques (James Madison University, USA), Jonathan Henriques (Garissa University, Kenya), Avneet Hira (Boston College, USA), Ahmed Mohammad and Fat-ha Aden Abdirahman (Garissa University, Kenya)*

Conflict Transformation for the Peaceful Co-existence of Foreign-born Children in Public Schools in Japan

*Susmita Bastola (Osaka Jogakuin University, Japan)*

From Knowledge to Peace: The Role of Islamic Education in Cultivating Human's Mindset for a Harmonious World

*Idris Aiyetoro Abdulkareem (Universiti Brunei Darussalam, Brunei Darussalam)*

**Session 6.30 Sustainable Tourism**

09:00–10:30 Mar 8 (Fri) East Library Seminar Room B  
Chair: Harunobu Saijo (Hiroshima University, Japan)

A Cycling Tourism Gaze: From Japan to the Chilean Patagonia

*Fernando V. Padilla, Thomas E. Jones and Bui Thanh Huong (Ritsumeikan Asia Pacific University, Japan)*

Cycle Tourism for Community Revitalization: Comparing Linear Cycle Lanes in Yabakei Gorge in Japan with Monsal Trail in UK

*Thomas E. Jones (Ritsumeikan Asia Pacific University, Japan)*

Predictors of Compliance Towards the Provision of Waste Collection Facilities in Mountainous Protected Areas: A Study of Climbers at Mount Fuji

*Kelvianto Shenypoturo and Thomas E. Jones (Ritsumeikan Asia Pacific University, Japan)*

Sustainability in Temporary Buildings: A review

*Xiao Tong Feng (Chongqing University, China)*

**Session 6.31 Sustainable Production**

09:00–10:30 Mar 8 (Fri) East Library Seminar Room C  
Chair: Daisaku Goto (Hiroshima University, Japan)

Effect of Technological Readiness on Sustainability Performance of Food Manufacturing Firms

*Sami Ullah (University of Central Punjab, Lahore, Pakistan)*

Institutional Dynamics and Learning Capacities in Low Carbon Development: An Analysis of Firm-Level Response to Clean Development Mechanism in India

*Parijata Pradhan (Jawaharlal Nehru University, India)*

Perceived Greenwashing in the Cosmetic Industry

*Tawalhathai Suphasomboon (Chulalongkorn University, Thailand)*

The Role of Civil Liberties and Corporate Social Responsibility Disclosure Information in the Fast-fashion Sector  
*Teresa Eugénio (CARME, Polytechnic University of Leiria, Portugal)*

**Session 6.32 Peace, Justice and Strong Institutions A**

09:00–10:30 Mar 8 (Fri) East Library Seminar Room D  
Chair: Prakash Bhattarai (Centre for Social Change, Nepal)

The Impact of Splitting Voters Policy on Voter Turnout: Evidence from Kenya Using Sharp Regression Discontinuity Design  
*Wilson Losikiria Emuria (Hiroshima University, Japan)*

Why Does the Folk Theorem not Seem to Work when it is Mostly Needed?  
*Johann Caro-Burnett (Hiroshima University, Japan)*

How Farmer-Herder Conflicts Reconfigure the Authority of Politico-Legal Institutions in Ghana  
*Daniel Kojo Leon Brenya Yeboah and Abubakari Abdulai (University for Development Studies, Ghana)*

Climate Change, Collective Shocks and Cooperation: Evidence from a Public Good Experiment in Farmer and Herder Communities in Senegal  
*Alexandra Krendelsberger (Wageningen University and Research, Netherlands)*

**Session 6.33 Environmental Justice**

09:00–10:30 Mar 8 (Fri) East Library Seminar Workshop Area  
Chair: Joshua Fisher (Columbia University, USA)

Justice in Access to Urban Ecosystem Services: A Critical Review of the Literature  
*Md. Nazmul Haque and Ayyoob Sharifi (Hiroshima University, Japan)*

Is Ecosystem Resilience Acting as a Protection against High-Temperature-Induced Child Mortality in India?  
*Subhojit Shaw (International Institute for Population Science, India)*

Jingkieng JRI: Bridging Sustainable Development with Nature  
*David Feral Marbaniang (St. Anthony's College, India)*

Comprehensive Spatiotemporal Drought Assessment in Arid and Mountainous Regions: A Case Study of Afghanistan  
*Ahmad Tamim Samim and Han Soo Lee (Hiroshima University, Japan)*

10:30-11:00 Break

## 11:00–12:30 PARALLEL SESSIONS 7

**Session 7.34 Workshop: Leveraging Interdisciplinary Research and Expertise for Public Policy**

11:00–12:30 Mar 8 (Fri) Mirai Crea Large Conference Room  
*Drew Story (Massachusetts Institute of Technology, USA)*  
*Christine Prouty (Community and Practice)*

**Session 7.35 Industry, Innovation, and Infrastructure**

11:00–12:30 Mar 8 (Fri) East Library Seminar Room A  
Chair: Masaru Ichihashi (Hiroshima University, Japan)

High Performance of Al-Melting Furnaces Using Immersion Heaters for Environmental Impact Reduction  
*Kazuya Maeda (Sanken Sangyo, Japan), Kazuhiro Matsugi, Yong Bum Choi (Hiroshima University, Japan), Takahisa Sonoda and Kenji Yanase (Sanken Sangyo, Japan)*

Synthesis of TiC–Ti Composites Using their Elemental Powders for Sustainable Materials, and their Characteristics  
*Ryo Tsukane (Tottori Institute of Industrial Technology, Japan), Kazuhiro Matsu, Yongbum Choi (Hiroshima University, Japan) and Hiroyasu Tamai (Tottori Institute of Industrial Technology, Japan)*

Suitability Analysis for Rooftop Agriculture Practices in Dhaka Using GIS  
*Naima Sultana, Ayyoob Sharifi and Md. Nazmul Haque (Hiroshima University, Japan)*

Comparison of Graphite Distribution Between As-Cast and Heat-treated Spheroidal Graphite Cast Irons by Permanent Mold Method for Environmental Protection

*Kazuya Edane, Kazuhiro Matsugi (Hiroshima University, Japan) Haruki Itofuji (I2C Technical institute, Co., Ltd, Japan), Yong Bum Choi, Kenjiro Sugio (Hiroshima University, Japan) Hitoshi Kambayashi (Tsuchiyoshi Industry, Co., Ltd, Japan)*

**Session 7.36 Peace, Justice and Strong Institutions B**

11:00–12:30 Mar 8 (Fri) East Library Seminar Room B

Chair: Srinjoy Bose (University of New South Wales Sydney, Australia)

Business and Peace: Looking at the Data

*David Hammond (Institute for Economics & Peace, Australia) and Vrajesh Rawal (Hiroshima University, Japan)*

Weaving Pride: Business for Peace in a Devastated City

*Mari Katayanagi (Hiroshima University, Japan)*

The Viability and Implications of Coercive Surrender in Military Incursions: Analyzing the ECOWAS Proposed Mission to Niger Republic

*Kenneth Olusanmi Francis (Ekiti State University, Nigeria)*

Reduce Corruption Risks in Defense Personnel: GDI Framework

*Yao Chun Tsao (Cheng Shiu University, Taiwan)*

The Psychological Mechanisms Associated with Helping Intentions Towards Refugees from Ukraine Compared to Refugees from Syria and Eritrea

*Julia Christina Becker (University of Osnabrueck, Germany)*

**Session 7.37 Responsible Consumption and Production B**

11:00–12:30 Mar 8 (Fri) East Library Seminar Room C

Chair: Daniel del Barrio Álvarez (The University of Tokyo, Japan)

Does Agricultural Labor Transfer Improve the Efficiency of Chinese Agricultural Carbon Emission? A Substitution Perspective of Agricultural Machinery

*Pengkun Zheng and Keshav Lall Maharjan (Hiroshima University, Japan)*

Impact of Cash Incentive on Export performance in Bangladesh: A Difference-in-difference Approach on Firm Level

*Imran Shah Omar Chowdhury and Masaru Ichihashi (Hiroshima University, Japan)*

Analysis of Consumer Preference for OCOP Green Tea Products: A Randomized Conjoint Analysis in Thai Nguyen City, Vietnam

*Bui Xuan Hong (Hiroshima University, Japan)*

Microstructure and Wettability of Magnesium Alloys with Zinc Addition

*Kwangmo Park (Hiroshima University, Japan)*

**Session 7.38 Disasters**

11:00–12:30 Mar 8 (Fri) East Library Seminar Room D

Chair: Tobias Ide (Murdoch University, Australia)

Dynamic of Social Network in Disaster Phases: Flood Disaster in Baleendah Subdistrict, Bandung Regency Indonesia

*Endriana Prasetyawati and Teti Argo (Bandung Institute of Technology, Indonesia)*

The Role of Social Media in Building Strong Institutions through Citizens Engagement in Times of Crisis

*Joseph Guinto Navarro, Paul John Del Rosario Hernandez (University of the Philippines, Philippines) and Pablito Fuentes Apolinar, Jr.*

Humanitarian Decision-making: A Multidisciplinary Approach towards Enhancing Quality and Well-being

*Sara Rye (University of Bradford, United Kingdom)*

Understanding Community Needs and Capabilities through Serious Games: Introducing 'Engineering WITH People' Board Game

*Spyros Schismenos and Nick J. Brown (RMIT University, Australia)*

**Session 7.39 Sustainable and Equitable Livelihoods**

11:00–12:30

Mar 8 (Fri) East Library Workshop Area

Chair: Sami Ullah (University of Central Punjab, Lahore, Pakistan)

Tribal Labour Migration Dynamics in the Rarh Region of West Bengal, India: Determinants, Contractor's Role and Benefit-Cost Assessment

*Bapan Biswas (Jawaharlal Nehru University, India)*

The Evaluation of VIDATHA Entrepreneurship Educating (EE) Program to Raise Entrepreneurs: A Randomized Encouragement Design

*Dinari Nivasha Ariyaratne Paranamanage and Daisaku Goto (Hiroshima University, Japan)*

Motivators and Challenges of Ensuring Social Sustainability in the Apparel Industry in Bangladesh during Covid-19

*Farjana Nasrin (Islamic University of Technology (IUT), Bangladesh), Shobod Deba Nat, Mohammad Mobarak Hossain and Koushik Prashad Pathak (University of Dhaka, Bangladesh)*

Recessive Dominance: A Gateway Phenomenological Analysis on the Implications of Education being A Women-Dominated Field

*Harvey Josh Mendoza Fernandez and Laurence Ramos Lingat (Central Luzon State University, Philippines)*

12:30-13:30 Lunch Break

**13:30–15:00 PARALLEL SESSIONS 8****Session 8.40 Biodiversity and Ecosystems**

13:30–15:00

Mar 8 (Fri) East Library Seminar Room A

Chair: Joshua Fisher (Columbia University, USA)

Post-Eruption Biodiversity Assessment of the Taal Volcano Island, Batangas, Philippines

*Tomas Dino Reyes, Jr. (University of the Philippines Los Baños, Philippines)*

Aquatic Ecosystems: The Mystery for Sustainability Case Study: Bioplastics

*Mohamed Ibrahim Abdelmoneim Ibrahim (Hiroshima University, Japan)*

Microplastics in Coastal Marine Fish of Rayong Province, Eastern Gulf of Thailand

*Khouloud Jaffel (Asian Institute of Technology, Thailand)*

Spatial Modeling of the Belitung Tarsier's Preferred Habitat on the Belitung Island

*Fifin Fitriana (University of Muhammadiyah Bangka Belitung, Indonesia), Eka Altiarika, Desfa Yusmaliana (Universiti Brunei Darussalam, Brunei Darussalam) and Maulana Arif (University of Muhammadiyah Bangka Belitung, Indonesia)*

**Session 8.41 Good Health and Well-being B**

13:30–15:00

Mar 8 (Fri) East Library Seminar Room B

Chair: Alan S. R. Fermin (Hiroshima University, Japan)

The Impact of Institutional Delivery on Maternal and Newborn Health Outcomes in Rural Bangladesh

*Mst Tania Parvin and Niraj Prakash Joshi (Hiroshima University, Japan)*

Meaning-Making Experiences of Caregiving in Family Households with Intellectual Disability and Challenging Behaviour

*Alice N.L. Kwong (Saint Francis University, Hong Kong)*

Future Blood Donor Numbers Considering the Trends of Blood Donors during the COVID-19 Pandemic

*Hirohito Imada (Hiroshima University, Japan)*

A Cost-Effective Approach for Determining the Baseline Level of Particulate Matter that Impacts Human Health in Small Towns in India

*Hifzur Rahman (O.P. Jindal Global University, India) and Girish Agrawal (Indian Institute of Technology Delhi, India)*

**Session 8.42 Sustainable Cities and Communities B**

13:30–15:00

Mar 8 (Fri) East Library Seminar Room C

Chair: Himanshu Poptani (National Institute of Technology Raipur, India)

Houses for no People Urban Growth in Rural Towns in Catalonia (Spain)

*Melisa Pessoa-Marcilla (Universitat Politècnica de Catalunya, Spain)*



Measuring Accessibility to Public Amenities in Rural Town in Germany - A Case Study of Bayerisch Eisenstein  
*Vineet Chaturvedi (Technical University of Munich, Germany)*

Evaluation of Surface Urban Heat Island Phenomenon using Multiple Spectral Indices and Local Climate Zone Classification:  
The Case of Kabul City, Afghanistan  
*Fazal Akbar Akbari and Ayyoob Sharifi (Hiroshima University, Japan)*

An Investigation into the Disparities in Depression Coupled with Multimorbidity during Later Life, Utilizing a Rural-Urban  
Framework: Substantiated by Findings from a Cross-Sectional Survey, 2017-18  
*Amiya Saha and Bittu Mandal (Indian Institute of Technology Indore, India)*

#### **Session 8.43 Resource Conflicts and Socio-Economic Inequalities**

13:30–15:00 Mar 8 (Fri) East Library Seminar Room D  
Chair: Fengshi Wu (University of New South Wales Sydney, Australia)

Interplay of Environmental and Economic Factors: A Correlation Analysis in the Indonesian Palm Oil Industry  
*Haniyah Salma Iswandi and Hanifah Alfa Cahyani (Hiroshima University, Japan)*

Greasing the Wheels of Colonialism: Palm Oil Industry in West Papua (tentative title)  
*Yasmine Rugarli (Stichting United Rising, Netherlands), George-Ciprian Popa (United Rising Association) and Silvia Csevár  
(The Hague University of Applied Sciences, Netherlands)*

Citizen Perceptions of European Rural Ecosystem Services: Implications for Sustainable Rural Transition  
*Shan Jin (University of Portsmouth, UK)*

Representational Inequities in Under-five Mortality in South Asian Countries: An Illustration of Relative Disadvantage Index  
*Sourav Dey (International Institute for Population Sciences, India)*

#### **Session 8.44 Climate Change and Climate Action**

13:30–15:00 Mar 8 (Fri) East Library Workshop Area  
Chair: Qian Qin (University of New South Wales Sydney, Australia)

Climate Change, Environment, and Human (Im)Mobility: Impacts on Children and Youth in East Asia  
*Darrel Flores (World Vision International, East Asia Regional Office, Thailand)*

The Art of Shouting Quietly: Youth Climate Activism in Japan (SDG13)  
*Roger Baars (Kyoto University, Japan)*

From Expert Negotiations to Fridays for Future: How the United Nations Conference on Environment and Development  
Shaped Youth-led Climate Activism  
*Sandra Reineke (University of Idaho, USA)*

National and Regional Policy Responses to Climate Mobilities in the Pacific Region: Filling the Governance Gap?  
*Naoyuki Okano (Institute for Global Environmental Strategies (IGES), Japan)*

15:00–15:30 **Break**

15:30-17:00 **Closing Ceremony**  
Central Library Hall

Awarding

*Ayyoob Sharifi (NERPS, Hiroshima University and Conference Co-Chair)*  
*Dahlia Simangan (NERPS, Hiroshima University and Conference Co-Chair)*

Closing Remarks

*Shinji Kaneko (Executive Vice President; Director of NERPS, Hiroshima University and Conference Chair)*

## **MARCH 9 (SATURDAY)**

Excursion to the UNESCO World Heritage Site at Miyajima and the historic city of Hiroshima (optional)

## Other Accepted Abstracts (Unavailable or Not Presenting)

Soil Liquefaction Potential Zone on the 3rd Runway of Soekarno-Hatta International Airport, Indonesia

*Maulana Arif, Fifi Fitriana, Eka Altarika and Andesta Granitio Irwan (Universitas Muhammadiyah Bangka Belitung, Indonesia)*

The Effect of Childcare on Social Mobility: Narratives of Stay-at-home Mothers in Urban India

*Aditi B. Prasad (International Institute for Population Sciences, India)*

Decoding the Nexus of Economic Empowerment, Social Status, and Intimate Partner Violence among Women in India

*Binod Kumar Behera and Parijata Pradhan (Centre for Development Studies, India)*

Folklore as a Media to Empower Reading Literacy & The Socio-Cultural Values among EFL Students in Indonesia

*Dwi Indra Apriliandari and Melya Mardiana (Universitas Muhammadiyah Bangka Belitung, Indonesia)*

Exploring the Effects of Online Assessments on Teaching Practices in Higher Education: Vietnam Context

*Trang Thi Thu Le (Thai Nguyen University, Vietnam)*

Environmental Ethics in Islamic Teachings: Discussing the Ethical Principles within Islamic Teachings that Emphasize the Protection and Preservation of the Environment

*Aji Kurbiyanto (Universitas Muhammadiyah Bangka Belitung, Indonesia), Desfa Yusmaliana (Universiti Brunei Darussalam, Brunei Darussalam) and Fifi Fitriana (Universitas Muhammadiyah Bangka Belitung, Indonesia)*

PV Deployment Study in Least Developed Countries: A Review on Energy-Development Nexus

*Shivani Singh and Rahul Dev (Motilal Nehru National Institute of Technology Allahabad, India)*

Sustainable Strategies in Microalgal-Based Biorefineries: A Path to Greener Energy and Resource

*Himanshi Gupta and Jitendra N. Gangwar (Motilal Nehru National Institute of Technology Allahabad, India)*

Perovskite Solar Cells: Pioneering Sustainable Energy for a Greener Future

*Aasooda Mushtaq Malik and Marta Gładysiewicz-Kudrawiec (Wroclaw University of Science and Technology, Poland)*

ASEAN Synergies in Bio, Circular, and Green Framework: Navigating the VUCA Landscape for Sustainable Peace and Global Green Growth

*Chanakarn Hongchan (Thammasat University, Thailand)*

A Half-Decade of the Rohingya Refugee Crisis: The Threats to Peace in Bangladesh

*Md. Bakebillah and Mokbul M. Ahmad (Asian Institute of Technology, Thailand)*

Understanding and Management of Herders Cross Border Conflict in Ghana

*Richard Narh Quarshie (University of Ghana, Ghana)*

Transboundary Water Hydro-politics and Conflicts, Recent Rising Tides

*Esra Eisa Aleisa (Kuwait University, Kuwait)*

Political Powers and Social Inequalities: The Stake of Minority Groups in Multi-Ethnic Nigeria

*Temitope Ayomide Ajayi, Olorunkemi Bisola Fagbamiye and Asalu David Olorunkemi (Ekiti State University, Nigeria)*

Cultural Art and Creative Dialogues: Unveiling the Potential of Déudã in Post-Conflict Peace in Nepal

*Nar Bahadur Saud (University for the Creative Arts, UK)*

Utilizing Artificial Intelligence to Empower Smart Technologies for Accelerating Sustainable Progress in Indonesia

*Eka Altarika, Winda Purnama Sari, Fifi Fitriana and Maulana Arif (Universitas Muhammadiyah Bangka Belitung, Indonesia)*

Drone Technology Adoption in Rural Pakistan: Application of a Modified Technology Acceptance Model

*Muhammad Ahmed (Asian Institute of Technology, Thailand)*

Determining Criteria that Affect Marine Pollution Vulnerability

*Raisa Aqilatun Nafisa (Gadjah Mada University, Indonesia)*

Empirical Evidences of Relational Transparency and Internalized Moral Perspective on Task Performance; Mediated by Self Efficacy towards Organizational Sustainability

*Ajiboye Dele Idris (Bauchi State University, Nigeria)*

Determining Optimal Volume Median Diameter of Droplets for Semi Automatic Knapsack Sprayer

*Alif Naufal Hakim, Setyo Pertiwi M. Agr and Gatot Pramuhadi M. Si (IPB University, Indonesia)*

Does Prolonged Urban Exposure Associate with Elevated Obesity Among Rural-to-Urban Migrants in India? Insights from the Longitudinal Aging Study in India

*Bittu Mandal (Indian Institute of Technology Indore, India)*

Grandchild Caring and Psychological Health: A Cross-Sectional Study among Older Grandparents from Skipped and Multi Generation Households in India

*Papai Barman (International Institute for Population Sciences, India)*

Exploring Demographic Factors' Influence on Biodiversity Perception in Four European Countries: Implications for Peace and Sustainability

*Richard Agyemang (University of Leipzig, Germany), Liang Dong (City University of Hong Kong, Hong Kong), Hatem Mahmoud (Aswan University, Egypt), Ibrahim Yahaya Wuni (King Fahd University of Petroleum and Minerals, Saudi Arabia),*

- Eunice Naa Odarley Lamptey (Kwame Nkrumah University of Science and Technology, Ghana), Mary Benewaah Asamoah, Isaac Tuffour, Samuel Akosah Asiedu (University of Leipzig, Germany) and Rexford Newton-Akpor (PSS Urbana, Ghana)*  
 A Review of Fresnel Lens Solar Technologies for Mid-Temperature Industrial Applications  
*Vishwas Palve and Gajanan N. Shelke (MET's Institute of Engineering, India)*
- Unforsaken Bonds: Understanding Why Older Parents of Migrants are Left Behind  
*Manoj Dakua (International Institute for Population Sciences, India)*
- Impact of Migration among Farmers of Surkhet, Nepal  
*Esther Budha Magar (Midwestern University, USA)*
- Environmental and Economic Impact Analysis of PM KUSUM Scheme Component C  
*Manoj Kumar Soni and Gaurav Rathi (Birla Institute of Technology and Science, India)*
- Leonardo's Children: Integrating Fine Art into University-level Conservation and Environmental Science Courses  
*David Andre Roon and Kenneth E. Wallen (University of Idaho, USA)*
- Viable Peace at Risk in Grassroots Societies: Nexus Between Lower Caste Ex-combatants and Emerging Violent Groups in Northern Sri Lanka  
*Hazuki Sasaki (Kanazawa University, Japan) and Ajith Balasooriya (University of Colombo, Sri Lanka)*
- Peace-Sustainability Nexus in the Hindu Kush Himalaya Region: An Environmental Geopolitical Perspective  
*Dhanasree Jayaram (Manipal Academy of Higher Education, India)*
- Representation in Federal Nepal: An Analysis of Caste/Ethnicity  
*Anish Khatri (Tribhuvan University, Nepal)*
- Assessing Coastal Vulnerability: A Holistic Approach to Sustainability in the Ganges Delta  
*Sk Shoyeb Ur Rahman and Md Emon (Khulna University of Engineering & Technology, Bangladesh), Azra Khatun (Jashore University of Science & Technology, Bangladesh) and Md. Nazmul Haque (Hiroshima University, Japan)*
- Assessing the Progress and Challenges of the Mining Sector in Contributing to the Sustainable Development Goals  
*Yvette Baninla (Queen's University, Canada)*
- Assessment of Locally Available Seaweeds as Sustainable Organic Compost Fertilizer Resources  
*Durlave Roy (Bangladesh Open University, Bangladesh)*
- Navigating Water Sharing Issues to Sustain Peace between Bangladesh and India  
*Sujan Kanti Dey (Bangladesh University of Professionals, Bangladesh) and Soncita Dey (Asian Institute of Technology, Thailand)*
- Case Study on the Human Rights Context of Rohingya Refugee Crisis  
*Soncita Dey (Asian Institute of Technology, Thailand)*