



ECO-CAMPUS  
INTERNATIONAL  
CONFERENCE

*Transforming Higher Education for Climate Action:  
A Whole-System Approach*

18-20 September 2025  
Kuala Lumpur - Malaysia

# PROGRAMME



Scan to see the list  
of Speakers



# AGENDA FOR THE ECO-CAMPUS INTERNATIONAL CONFERENCE 2025

## Day 1 - 18 September

Time	Session
12:30 - 13:30	Lunch & registration of participants
13:45 - 14:30	Inauguration of Posters Exhibition
14:30 - 15:45	<b>Opening Event</b> <b>Welcoming remarks:</b> YBhg. Datuk Ir. Ts. Dr. Mahadi Mohamad, Executive Director, GGAF <b>Opening Address:</b> Dr. Nikos Kassimatis Petrou, President, FEE, Denmark <b>Special Address:</b> YB Minister of Higher Education, Malaysia (TBC) <b>Special Address:</b> Katerina Ananiadou, Coordinator GEP Secretariat, UNESCO Paris <b>Royal Address</b> by HRH the Crown Prince of Pahang  Royal Launch of Eco-Campus Malaysia and Presentations
15:45 - 16:00	Group pictures & Coffee break
16:00 - 16:30	<b>Keynote Address:</b> Tan Sri Dzul Razak, Emeritus Professor, Malaysia
16:30 - 18:00	<b>Plenary Session 1: From Vision to Practice: Advancing the Understanding of the Whole-Institution Approaches (WIA) for Sustainability Transformation</b> Katrin Kohl, York University, Canada and Subarna Silvapalan, Nottingham University, Malaysia
18:00	Closing day
19:00	Gala dinner & Green Flag Ceremony



Day 2 - 19 September

Time	Session
09:00-10:30	<b>Parallel Session I</b> 1.1 Whole-system approaches - Chaired by Karen Chand, United Nations SDSN 1.2 Cross-sector partnerships - Chaired by Dr. S. Anandan Shanmugam, GGAF
10:30-11:00	<b>Coffee break</b>
11:00-12:30	<b>Plenary Session 2: Building educators capacities in ESD</b> Professor Charles Hopkins, York University, Canada
12:30-13:30	<b>Lunch break</b>
13:30-15:00	<b>Parallel Session 2</b> 2.1 Greening vocational education - Chaired by Professor Dr. Aftab Uddin, Bangladesh 2.2 Greening education across all levels - Chaired by Professor Paul Pace, FEE Malta
15:00-15:30	<b>Coffee break</b>
15:30-17:00	<b>Workshop 1: From Framework to Flagship: Embedding Ecosystem Restoration Education in Practice</b> Pramod Kumar Sharma and Lee Wray-Davies, FEE, Denmark

Day 3 - 20 September

Time	Session
09:00-10:30	<b>Parallel Session 3</b> 3.1 Sustainable campus initiatives - Chaired by Margarida Gomes, ABAAE, Portugal 3.2 Student leadership - Chaired by Deirdre O'Carroll, An Taisce, Ireland
10:30-11:00	<b>Coffee break</b>
11:00-12:30	<b>Closing Session &amp; Conference Outcomes</b> <b>Closing reflections:</b> YBhg. Datuk Ir. Ts. Dr. Mahadi Mohamad, Executive Director, GGAF <b>Closing reflections:</b> Dr. Balamurugan Ratha Krishnan, GGAF <b>Closing reflections:</b> Dr. Sanskriti Menon, FEE Board of Directors <b>Words of thanks:</b> Mr Daniel Schaffer, CEO, Foundation for Environmental Education <b>Conference Highlights and Open Floor:</b> Dr Ian Humphries, FEE Board of Directors <b>Closing Address:</b> Emeritus Professor Zakri Abdul Hamid
12:30-14:00	<b>Lunch &amp; departures</b>



## Keynote Speaker



### Tan Sri Dzul Razak

Day 1 | 18 September | 16:00-16:30

*Keynote Address*

Dzul kifli Abdul Razak (Dzul, for short) is an Emeritus Professor in Universiti Sains Malaysia and an Adjunct Professor in the University of Malaysia, Sarawak, Department of Education, Language and Communication. Dzul was Universiti Sains Malaysia 5th Vice-Chancellor (2000 – 2011) and Rector of the International Islamic University Malaysia (2018 – 2024).

Dzul was an Advisory Board Member at the Institute of Sustainable Development and Learning at Leuphana University of Luneburg. He was also a member of the Qatar Foundation Higher Education Strategy Advisory Panel. Dzul served as a member of the UN Academic Network for Development Dialogue (ANDD) and the National Digital Economy & Fourth Industrial Revolution Council. He was invited as an Expert for the Futures of Higher Education Project at UNESCO's International Institute for Higher Education (IESALC) based in Caracas. Dzul was awarded the prestigious 2017 *Gilbert Medal* by Universitas 21 in recognition of "his long-term commitment to a sustainable approach to international higher education. In 2020, Dzul established the UIA-based Regional Centre for Experts. Dzul was an invited speaker at the 2015 Nobel Dialogue in Sweden and panellist for 3 sessions at the Nobel Prize Dialogue 2023 held in Seoul, Korea. Dzul is the recipient of the 2017 National Academic Laureate.





## Key Speakers



### Katerina Ananiadou

Day 1 | 18 September | 14:30-15:45

*Opening Event: Special Address*

Katerina is currently coordinating the Greening Education Partnership team at UNESCO's Education sector. She has been working as an education specialist at UNESCO since 2011, mostly on TVET, skills development and youth. Prior to joining UNESCO she worked for four years as a policy analyst at the Centre for Educational Research and Innovation (CERI) of the OECD, and as a researcher at the UCL Institute of Education in London. Her academic background is in Psychology and Cognitive Science which she studied at the Universities of Athens, Cardiff and Warwick.



### Subarna Sivapalan

Day 1 | 18 September | 16:30-18:00

*Plenary Session 1: From Vision to Practice: Advancing the Understanding of the Whole-Institution Approaches (WIA) for Sustainability Transformation*

Subarna Sivapalan joined the University of Nottingham as Head of School of Education and Associate Professor in May 2022. She now serves as Associate Dean of Research and Knowledge Exchange of the Faculty of Arts and Social Sciences at the University of Nottingham Malaysia Campus.



### Katrin Kohl

Day 1 | 18 September | 16:30-18:00

*Plenary Session 1: From Vision to Practice: Advancing the Understanding of the Whole-Institution Approaches (WIA) for Sustainability Transformation*

Katrin Kohl is the Co-Chairholder of the UNESCO Chair in Reorienting Education towards Sustainability at York University in Toronto, Canada. She is also the Focal Point for Sustainable Development Goal SDG 4 (Quality Education) of the Higher Education and Research for Sustainable Development Global Cluster led by the International Association of Universities.



## Closing Address



### Tan Sri Zakri Abdul Hamid

Day 3 | 20 September | 11:00-12:30

*Closing Address*

Tan Sri Emeritus Professor Zakri Abdul Hamid, a Trustee of Amanah Lestari Alam (ALAM), stands as one of Malaysia's most distinguished voices in the global arena of science, policy, and sustainability. During his tenure with the United Nations, Prof Zakri served as Vice-Chancellor of the United Nations University and was instrumental in the conception of the 17 Sustainable Development Goals, a legacy that has shaped the global development agenda. In recognition of his contributions, the United Nations named him 2019 Man of the Year for Sustainability. He was the Science Adviser to the Prime Minister of Malaysia for a number of years and the former Director of the Institute of Advanced Studies, United Nations University. He is the founding Chair of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), a founding member of the International Network of Governmental Science Advice (INGSA), and a former member of the UN Secretary-General's Scientific Advisory Board. Zakri is also one of the original negotiators of the UN Convention on Biological Diversity, an emeritus member of the Global Leadership Council of the UN Sustainable Development Solutions Network (SDSN), and a former member of the Islamic Development Bank (IDB) Scientific Advisory Board, alongside many other influential positions both locally and internationally. Prof Zakri currently serves as the Founding Director and Distinguished Professor at the International Institute for Science Diplomacy & Sustainability, UCSI University.







## Parallel Sessions Plan

Day + Session	Presentations
<p>Day 2 19 September 09:00 – 10:30</p> <p>Parallel Session 1.1</p> <p>'Whole-system approaches'</p> <p>Chaired by Karen Chand, UN SDSN</p> 	<ol style="list-style-type: none"> <li><b>1.ESD Wake-up Call Toward Systemic Change: Linking School-Based ESD to Higher Education for Transformative Impact.</b> Prof. Dr Esther Daniel, Assoc. Prof. Dr Subarna Sivapalan, Prof. Dr. Lee Khai Ern, Mr. Nadeson &amp; Mr. Gunasegaran, University Malaya.</li> <li><b>2. Coding Climate Crisis Conundrum: Cosmetic Count &amp; Colonial Conspiracy than Compounded Commitment.</b> Prof. Dr. Atindra Dahal, Kathmandu School of Law, Nepal.</li> <li><b>3. 'Transforming education for sustainability : A multilevel approach integrating civic action, pedagogical innovation and higher education reform.</b> EL BOUAZZAOUI Ibtissam, Moroccan School of Engineering Sciences, Morocco.</li> <li><b>4. Mainstreaming Sustainability Education and the SDGs: A Case Study of a Blended CPD Programme in a Japanese University.</b> SIYUAN CHEN, University of Nottingham Malaysia.</li> <li><b>5. Benchmarking ESG Leadership Performance in ASEAN Universities: Enhancing and Mainstreaming Sustainability through QS Indicators.</b> Arif Darmawan, Universitas Lampung.</li> <li><b>6. An exploration of reported strategies and rationales of enhancing staff competencies in the integration of ESD in Malaysian Universities.</b> Hee, Raymond K. K; Sivapalan, S.; Karunagharan, J. K.; Ramos, H. M., University of Nottingham Malaysia Campus.</li> <li><b>7. Strengthening Educational Agency in Higher Education in the Anthropocene Era: Toward a Systemic Education for Sustainability and Climate Change (SESCC).</b> Dieu Le Grace Mbiatcha (doctorant) et Liliane Dionne (Professeure), Université d'Ottawa</li> </ol>
<p>Parallel Session 1.2</p> <p>'Cross-sector partnerships'</p> <p>Chaired by Dr. S. Anandan Shanmugum GGAF, Malaysia</p> 	<ol style="list-style-type: none"> <li><b>1. GASME-Climate: An Attitudinal-Mathematical Framework for Cross-Sector Climate Crisis Response in Higher Education.</b> Kartina Johan, Universiti Malaysia Pahang.</li> <li><b>2. Tri-Sectoral Partnerships for Climate Education: Institutional Collaboration for Leading Carbon Neutral Schools in an Aspirational District of Rural India.</b> Vaishali Sharma, Piramal Foundation.</li> <li><b>3. Transforming Campus Culture through Environmental Education: A Case Study of a Malaysian Primary School,</b> Lim Chai Hoong, SJKC Lay Keow</li> <li><b>4. Interdisciplinarity in Climate Change Education: A Study of Higher Education in Ireland.</b> Asfand Bakht Yar, Technological University Dublin.</li> <li><b>5. Into integrating Sustainable Practices into Higher Education Curricula: A framework for Mainstreaming Quality Standards.</b> Dr. Buddhin Gogoi, USTM.</li> <li><b>6. 'Designing a Sustainable Leadership Model to Enhance Administrative Competencies for Implementing ESD Principles in Jordanian Universities: A Fuzzy Delphi Approach.</b> Raed Alkhamaiseh, UCSI.</li> </ol>



## Parallel Sessions Plan

Day + Session	Presentations
<p>Day 2 19 September 13:30 – 15:00</p> <p>Parallel Session 2.1</p> <p>'Greening vocational education'</p> <p>Chaired by Dr. Aftab Uddin, Bangladesh</p> 	<ol style="list-style-type: none"> <li><b>1. Embedding Sustainability in Hospitality TVET: The EcoCampus Experience at EHT Paul Dubrule (2022–2025).</b> François Schnoebelen, Pramod Kumar Sharma, École d'Hôtellerie et de Tourisme Paul Dubrule, Cambodia and FEE, Denmark.</li> <li><b>2. The Role of Career Counseling in Strengthening Vocational Education Towards Green Jobs: Strategies for Integrating Sustainability Competencies into Career Guidance and Teacher Training.</b> Norizan Binti Yusof, Centre Of Human Sciences, University Malaysia Pahang Al Sultan Abdullah, Malaysia.</li> <li><b>3. Environmental Literacy and Awareness about Global Climate Change Among Nursing Students Toward Sustainable Development.</b> Teresa N. Basatan, RN; Joanna Angel Marie Ballesteros; Yoela Grace Baltazar; Marianne Angela Cortez; Alyssa Marie S. Cruz; Zharylle A. Estigoy; Haleiza Zyreen V. Garcia; Mary Joy Faith W. Saguipe; Rhaiza Jane P. Saley; Federico M. Tena III; Jenifer Jan N. Zamoranos, Saint Louis University-Baguio.</li> <li><b>4. Greening Technical Training through Intelligent Manufacturing: A Bibliometric Framework for SME Awareness Assessment.</b> Muhammad Yahya Hammad, University Malaysia Pahang Al-Sultan Abdullah.</li> <li><b>5. Greening TVET in the Global South: Strategies, Policies, and Pathways for Climate-Smart Workforce Development in Southeast Asia.</b> Rashmi Chaudhary, GGAF.</li> <li><b>6. Fostering Ecosystem Restoration through Green Skills Integration in TVET Education: A Collaborative Approach to Sustainable Machining Pedagogy.</b> Ahmad Razlan Yusoff, University Malaysia Pahang Al-Sultan Abdullah.</li> <li><b>7. Teaching English for Green Future: Exploring Sustainability Integration in Teacher Practices and Pedagogy.</b> Yuniarto Linggo Pramono, Universitas Negeri Yogyakarta, Indonesia.</li> </ol>
<p>Parallel Session 2.2</p> <p>'Greening education across levels'</p> <p>Chaired by Professor Paul Pace, FEE Malta</p> 	<ol style="list-style-type: none"> <li><b>1. From Backyard Understanding to Student-Led Solutions: The Role of Place-Based Projects.</b> Saidevi Sanjeeviraja, Thicket Tales Trust.</li> <li><b>2. Community Garden, Hydroponics, and Composting: Sharing innovative approaches and success stories from sustainable campus initiatives.</b> Angela Ng, Carnegie Mellon University in Qatar.</li> <li><b>3. Education for Sustainable Development in Sierra Leone.</b> Lea Marie Oberkobler, University of Regensburg, Germany.</li> <li><b>4. Building Sustainability from the Ground Up: A Case Study through Garden Project-Based Learning in a primary school in Malaysia.</b> Lim Chai Hoong, SJKC Lay Keow</li> <li><b>5. AURIX3Zero Club,</b> Shamsiyyat Salihu, Albukhary International University.</li> <li><b>6. Children's Development in the Periphery: An Ethnographic Case Study of Itulcachi.</b> Sara Lleó Sanz de Madrid, Roskilde University, Denmark.</li> </ol>





## Parallel Sessions Plan

Day + Session	Presentations
<p>Day 3 20 September 09:00 – 10:30</p> <p>Parallel Session 3.1</p> <p>'Sustainable campus initiatives'</p> <p>Chaired by Margarida Gomes, ABAAE, Portugal</p> 	<ol style="list-style-type: none"> <li><b>The FEE EcoCampus Programme in Portugal.</b> Margarida Gomes, Catarina Hencleday, Associação Bandeira Azul de Ambiente e Educação (ABAAE)</li> <li><b>Türkiye's First Pilot Eco-Campus Experience at Artvin Çoruh University: Dynamics of Recognition, Development and Institutionalization.</b> Kadir Gürbüz, Artvin Çoruh University, Türkiye</li> <li><b>Greening Higher Education: Probha Aurora's Eco-Campus Model for Sustainable Development in Bangladesh.</b> Bidhan Chandra Pal, Probha Aurora, FEE Bangladesh.</li> <li><b>The Eco-Campus Programme on Ireland's Edge.</b> Micheal John O'Mahony, Foundation for Environmental Education (FEE).</li> <li><b>SDG Handprint Lab: A case study for ESD pedagogy for higher education institutions.</b> Dr. Janki Shah, Centre for Environmental Education, India.</li> <li><b>Thematic Programming: A Strategic Approach to Creating Sustainability Awareness and Promoting Green Practices.</b> Rosemarie Florida, Angela Ng, Jeffy Jan, Asilbek Toshpulatov, Carnegie Mellon University, Qatar.</li> <li><b>Embedding Quality: Approaches to Recognize, Enhance, and Mainstream Campus Sustainability in African Higher Education Establishments.</b> Meryem Khodari, Mohammed VI Foundation for Environmental Protection.</li> </ol>
<p>Parallel Session 3.2</p> <p>'Student leadership'</p> <p>Chaired by Deirdre O'Carroll, An Taisce, Ireland</p> 	<ol style="list-style-type: none"> <li><b>Green Campus Committees Nurturing Student Leadership and Student-led Initiatives in Irish Campuses.</b> Deirdre O'Carroll, Cathy Baxter, An Taisce, Ireland.</li> <li><b>A Case Study in a Student-Led Research in Wildlife Monitoring: The Design and Evaluation of a Remote Wildlife Audio Monitoring Device.</b> Sutryanto, Rahmad Dawood, Universitas Syiah Kuala.</li> <li><b>A Case Study in Student-Led Research for a Circular Economy: Recovering Phosphorus from Agricultural Waste through Struvite Synthesis from Cow Urine and Bittern.</b> Zetta Fazira, Hisbullah, Teuku Mukhriza, and Rahmad Dawood, Universitas Syiah Kuala.</li> <li><b>A Case Study in Student-Led Renewable Energy Research: The Development of a Pico-Hydro Powered Smart Water Meter.</b> Daniel Muammar Rafi, Syiah Kuala University.</li> <li><b>Empowering Campus Sustainability through Autonomous Mobile Robots: The Case of Autonomous Mobile Robot Navigation.</b> Muhammad Aizzat Bin Zakaria, University Malaysia Pahang Al-Sultan Abdullah.</li> </ol>