
**Tentative Virtual Program**
**Time Zone based on Pingtung County, Chinese Taipei's local time (GMT +8)**
**THE 8<sup>TH</sup> INTERNATIONAL (VIRTUAL) WORKSHOP ON UI GREENMETRIC**
**WORLD UNIVERSITY RANKINGS (IWGM 2022)**
*“Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time”*
**26-29 September 2022**
**National Pingtung University of Science and Technology (NPUST)**

(Virtual Workshop, Chinese Taipei Time, GMT+8)

**DAY 1: 26 September 2022**
**Publish all videos on UI GreenMetric YouTube Channel**

- Video Profile UI GreenMetric
- Video Profile NPUST
- Video UIGWURN's Country Reports
- Video Presentation from selected paper for invited speakers
- Video Presentation from selected paper for poster session

**DAY 2: 27 September 2022**

(by invitation)

(Virtual Workshop, Chinese Taipei Time, GMT+8)

[Check the start time in your time zone](#)
<https://bit.ly/YourTimeZoneIWGM2022-1>

Timing	Session
18.30 – 18.45	Registration and Safety Induction
18.45 – 18.55	Welcome Speech: <b>Prof. Dr. - Ing. Chin-Lung Chang, President, National Pingtung University of Science &amp; Technology</b>
18.55 – 19.50	<b>Welcome of National Coordinators, quorum established</b> <b>Prof. Dr. Ir. Riri Fitri Sari, M.Sc., MM., Dr. Junaidi, S.S., M.A, and Dr. Nyoman Suwartha, S.T, M.T, M.Agr</b>
19.50 – 19.55	Adoption of the agenda
19.55 – 20.00	Adoption of the minutes of the 5 <sup>th</sup> Steering Committee (Virtual) Meeting in Malaysia on 24 August 2021
20.00 – 20.30	Discussion on the future activities of UI GWURN - <b>Shaping Global Higher Education and Research in Sustainability</b>
20.30 – 21.00	Discussion on the future activities of UI GWURN - <b>Creating Global Sustainability Leaders</b>
21.00 – 21.25	Discussion on the future activities of UI GWURN - <b>Partnering on Solutions to Sustainability Challenges</b>
21.25 – 21.30	Closing

**DAY 3: 28 September 2022**

(Virtual Workshop, Chinese Taipei Time, GMT+8)

[Check the start time in your time zone](#)
<https://bit.ly/YourTimeZoneIWGM2022-2>

06.30 PM – 06.45 PM	<b>Registration, Safety Induction, Video Profile</b>
06.45 PM – 06.50 PM	<b>Master of Ceremony:</b> <b>Asst. Prof. Fred Chunyi Lee, Chief of Cooperation Division, Office of International Affairs, NPUST, Taiwan</b> Venue: Room A (Main Room) <a href="#">Zoom</a>   <a href="#">YouTube</a>
06.50 PM – 07.15 PM	<b>Welcome Speech</b> <ul style="list-style-type: none"> <li>• <b>Prof. Dr. - Ing. Chin-Lung Chang, President, National Pingtung University of Science &amp; Technology</b></li> </ul>

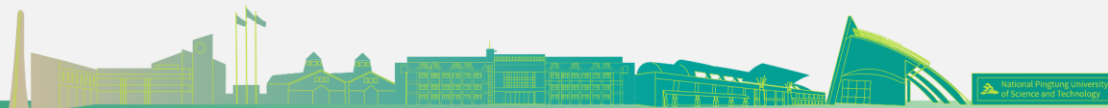
	<ul style="list-style-type: none"> <li>• <b>Prof. Riri Fitri Sari, Chairperson, UI GreenMetric World University Rankings</b></li> <li>• <b>Amb. Chen-Yuan Tung, Ph.D., Minister of the Overseas Community Affairs Council (OCAC), Taiwan</b></li> </ul>		
07.15 PM – 07.45 PM	<b>Keynote Speech</b> <ul style="list-style-type: none"> <li>• <b>Prof. Chang-Hsien Tai, Professor, National Pingtung University of Science &amp; Technology, Taiwan</b> <i>How Green Universities Can Operate Sustainably</i></li> </ul>		
07.45 PM – 07.55 PM	Signing Membership Declaration of UI GreenMetric Network		
07.55 PM – 08.05 PM	Poster Session**		
08.05 PM – 08.15 PM	Break		
08.15 PM – 09.00 PM	<b>Discussion Session 1 A</b> <b>“Issues and Innovation for Setting and Infrastructure Management in Universities in the Post-Pandemic Time”</b> Venue: Room A (Main Room) <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Dr. Serkan Abbasoglu, Vice Rector, Cyprus International University, Turkey</b> Co-chair: <b>Dr. Junaidi, S.S. M.A, Vice-Chair, UI GreenMetric</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Tomasz Zatoński, DSc, prof. WMU, Vice-Rector, Wrocław Medical University, Poland</b> <i>Green University Programme at the Wrocław Medical University</i></li> <li>• <b>Prof. Dr. I-Chung Liu, Representative of President, National Chi Nan University, Taiwan</b> <i>NCNU Dedicates to Develop Green Campus and Renewable Energy for Environmental Sustainability</i></li> <li>• <b>Samantha Fahy, Representative of President, Dublin City University, Ireland</b> <i>The DCU Setting and the Continuing Post-Pandemic Challenges</i></li> <li>• <b>Prof. Dr. Guray Salihoglu, Representative of Rector, Bursa Uludag University, Turkey</b> <i>Bursa Uludag University's Contribution to the Society with Sustainability Projects</i></li> </ul> Question and Answer	<b>Discussion Session 1 B</b> <b>“Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time”</b> Venue: Room B <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Ouajdi Korbaa, Professor, University of Sousse, Tunisia</b> Co-chair: <b>Dr. Ahmed Hachicha, Co-leader of Building and Operating Sustainability Circle, University of Sharjah, United Arab Emirates</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Prof. Dr. H. Ir. Fatah Sulaiman, ST., MT. Rector, Universitas Sultan Ageng Tirtayasa, Indonesia</b> <i>Building Otomation System Design and Planning: The Universitas Sultan Ageng Tirtayasa Case</i></li> <li>• <b>Prof. Stefano Massucco, Representative of Rector, University of Genoa, Italy</b> <i>University of Genoa Best Practices in Managing Energy and Climate Change</i></li> <li>• <b>Prof. Mohamed Ahmed Bassouny, Ph.D., Representative of President, Benha University, Egypt</b> <i>Towards Eco-friendly Green University: A Case Study of Benha University, Egypt</i></li> <li>• <b>Prof. Dr. V. Pandiyarajan, Representative of Chancellor, Kalasalingam Academy of Research and Education, India</b></li> </ul>	<b>Discussion Session 1 C</b> <b>“Issues and Innovation for Waste Management in Universities in the Post-Pandemic Time”</b> Venue: Room C <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Patricia Iglecias, Head of Environmental Affairs, University of Sao Paulo (USP), Brazil</b> Co-chair: <b>Mr. Laszlo Gyarmati, Director of Jozsef Attila Study and Information Center, University of Szeged, Hungary</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Assoc. Prof. Dr. Kitikorn Charmondusit, Vice President, Mahidol University, Thailand</b> <i>The Circular Economy Concept of Mahidol University, Salaya Campus, Thailand</i></li> <li>• <b>Dott. Ing. MGO Prof. Jaime Alberto Romero-Infante, Representative of Rector, Universidad El Bosque, Colombia</b> <i>Circular economy applied to the management of usable organic waste through composting, an example of circular economy of the academy with postgraduate education</i></li> <li>• <b>Dr. Sc. Margarita Redina, Representative of President, RUDN University, Russia</b> <i>The Practice of Waste Management in the RUDN</i></li> <li>• <b>Dr. Sohair Ramadan Fahmy, Representative of President, Cairo University, Egypt</b></li> </ul>

		Not Zero, Net Zero - An Initiative for Carbon Neutrality in KARE Campus  Question and Answer	Developing a Sustainable University Campus in Egypt: Cairo University as a case study  Question and Answer
09.00 PM – 09.05 PM	Break		
09.05 PM – 09.50 PM	<b>Discussion Session 2 A</b> <b>“Issues and Innovation for Water Management in Universities in the Post-Pandemic Time”</b> Venue: Room A (Main Room) <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Anna Tozzi, Rector's Consultant for internationalisation policies, University of L'Aquila, Italy</b> Co-chair: <b>Prof. Dr. Guray Salihoglu, Representative of Rector, Bursa Uludag University, Turkey*</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Prof. Datuk Ts Dr Hajah Roziah Mohd Janor, Vice-Chancellor, Universiti Teknologi Mara, Malaysia</b> <i>Greening Universiti Teknologi MARA Campus Through Sustainable Water Management and Practices</i></li> <li>• <b>Prof. Dr. Serkan Abbasoglu, Vice Rector, Cyprus International University, Turkey</b> <i>Renewable Energy, Energy Management and Water Management Studies in Cyprus International University</i></li> <li>• <b>Dr. Essam Oun Ali Al-Zaini, Representative of Chancellor, Al-Furat Al-Awsat Technical University (ATU), Iraq</b> <i>Adopting Smart Integrated AgriAquaculture IAA Techniques: A Sustainable Approach by Al-Furat Al-Awsat Technical University</i></li> <li>• <b>Ir. Erna Maters, Representative of Rector, Wageningen University &amp; Research, The Netherlands</b> <i>Water Management to Cope with the Effects of Climate Change</i></li> </ul>	<b>Discussion Session 2 B</b> <b>“Issues and Innovation for Transportation Management in Universities in the Post-Pandemic Time”</b> Venue: Room B <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Dr. Yu-Hsing Huang, Asst. Professor at Department of Industrial Management, National Pingtung University of Science &amp; Technology, Taiwan</b> Co-chair: <b>Dr. Denes Matyas, Deputy Director for Strategic Management, University of Szeged, Hungary</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Prof. Dr. Ir Ambariyanto MSc. Vice-Rector, Universitas Diponegoro, Indonesia</b> <i>Challenge and Innovation in Building the Green and Sustainable Transportation System at Universitas Diponegoro</i></li> <li>• <b>Prof. Andrea Scagni, Representative of Rector, University of Turin, Italy</b> <i>Data-based understanding and optimization of sustainability of university mobility: two case studies</i></li> <li>• <b>Prof. Dr. Andrey V. Vasilyev, Eng., Representative of Rector, Samara State Technical University, Russia</b> <i>Results of Study of Environmental Noise Caused by Transport and Industry Before, During and After COVID-19 Period in Urban Conditions of Samara Region of Russia and Approaches to Reduction of Increased Noise Levels</i></li> <li>• <b>Dr. Sergio S. Fernandez Delgado, Representative of</b></li> </ul>	<b>Discussion Session 2 C</b> <b>“Issues and Innovation for Education and Research Management in Universities in the Post-Pandemic Time”</b> Venue: Room C <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Assoc.Prof.Dr.Kitikorn Charmondusit, Vice President, Mahidol University, Thailand</b> Co-chair: <b>Mr. Rafael Cordova Uvidia, Principal Investigator, Assistant of International Relations at the Research Group GIDAC, ESPOCH, Ecuador</b> Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li>• <b>Prof. Emmanuel O. Aluyor FNSE, FAEng, Vice-Chancellor, Edo State University Uzairue, Nigeria</b> <i>Achieving a Green University in the Post Pandemic Era: Edo State University Uzairue Experience</i></li> <li>• <b>Prof. Dr. Jamal Wiwoho, S.H., M.Hum., Rector, Universitas Sebelas Maret (UNS), Indonesia</b> <i>UNS Efforts in Strengthening the Spirit of Sustainability Through Education</i></li> <li>• <b>Prof. Dr. Vasyl Lavnyy, Vice-Rector, Ukrainian National Forestry University, Ukraine</b> <i>UNFU Sustainable Education Management in the Conditions of Post-Pandemic and War Times in Ukraine</i></li> <li>• <b>Dr. Viktor Glied PhD, Representative of Rector, University of Pécs, Hungary</b> <i>Every Green Step Counts – University of Pécs through the lens of sustainability</i></li> </ul>



	Question and Answer	<b>Rector, Autonomous University of Nuevo León, Mexico</b> <i>Sustainability Factors Involved in the Intercampus Transport System for Students at the Autonomous University of Nuevo León, México</i>  Question and Answer	Question and Answer
09.50 PM – 10.00 PM	<b>Closing and Information for Day 4 by the Chair</b>	<b>Closing and Information for Day 4 by the Chair</b>	<b>Closing and Information for Day 4 by the Chair</b>

<b>DAY 4: 29 September 2022</b> (Virtual Workshop, Chinese Taipei Time, GMT+8) <a href="https://bit.ly/YourTimeZoneIWGM2022-3">Check the start time in your time zone</a> ( <a href="https://bit.ly/YourTimeZoneIWGM2022-3">https://bit.ly/YourTimeZoneIWGM2022-3</a> )			
06.30 PM – 06.45 PM	<b>Registration, Safety Induction, Video Profile</b>		
06.45 PM – 06.50 PM	<b>Master of Ceremony:</b> <b>Asst. Prof. Fred Chunyi Lee, Chief of Cooperation Division, Office of International Affairs, NPUST, Taiwan</b> Venue: Room A (Main Room) <a href="#">Zoom</a>   <a href="#">YouTube</a>		
06.50 PM – 07.20 PM	<b>Keynote Speech</b> <ul style="list-style-type: none"> <li><b>Amb. Eugene Chien, Ph.D., Chairman and president, Taiwan Institute for Sustainable Energy (TAISE)</b>  <i>Public-Private Partnership for Transforming Sustainable Universities</i></li> </ul>		
07.20 PM – 08.15 PM	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Discussion Session 3 A</b>  <b>“Issues and Innovation for Setting and Infrastructure in Universities in the Post-Pandemic Time”</b>                      Venue: Room A (Main Room)  <a href="#">Zoom</a>   <a href="#">YouTube</a>                       Chair:  <b>Prof. Omirzhanov Yesbol, Director of International Cooperation Department, Kazakh National Agrarian Research University, Kazakhstan</b>                      Co-chair:  <b>Dr. Sc. Margarita Redina, Representative of President, RUDN University, Russia</b>                      Speakers:                      (3 main point presentations – max. 4 minutes each)                     <ul style="list-style-type: none"> <li><b>Dr. Mahdi Nasiri, Representative of President, University of Zanjan, Iran</b>  <i>Greener than Green: University of Zanjan Heading towards Sustainable Development</i></li> <li><b>Dr. Mustafin Radik, Representative of Rector, Bashkir State Agrarian University, Russia</b>  <i>Creation of a Forest Carbon Landfill at Bashkir State Agrarian University</i></li> <li><b>Dr. Prashantha Naik, Representative of Vice Chancellor, Mangalore University, India</b>  <i>Eco-Friendly Activities for Enhancement of Biodiversity and Energy Conservation in and around Mangalore University, Mangalagangothri Campus</i></li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <b>Discussion Session 3 B</b>  <b>“Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time”</b>                      Venue: Room B  <a href="#">Zoom</a>   <a href="#">YouTube</a>                       Chair:  <b>Prof. Dr. Chanita Rukspollmuang, Vice President, Siam University, Thailand*</b>                      Co-chair:  <b>Dr. Ruki Harwahu, M.T, M.Sc., Expert Member of UI GreenMetric</b>                      Speakers:                      (5 main point presentations – max. 4 minutes each)                     <ul style="list-style-type: none"> <li><b>Dr. Uzu-Kuei Hsu, Representative of President, National Pingtung University of Science &amp; Technology, Taiwan</b>  <i>Integrating Technology to Develop Renewable Energy to Explore a Sustainable Future for Taiwan by the SECRC in NPUST</i></li> <li><b>PhD Mervi Friman, Representative of Rector, Häme University of Applied Sciences, Finland</b>  <i>Climate actions at Häme University of Applied Science (HAMK), Finland</i></li> <li><b>Antonio Carlos M. Maralit, CBP, Executive Director, Facilities Management, De La Salle University, Philippines</b></li> </ul> </td> </tr> </table>	<b>Discussion Session 3 A</b> <b>“Issues and Innovation for Setting and Infrastructure in Universities in the Post-Pandemic Time”</b> Venue: Room A (Main Room) <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Omirzhanov Yesbol, Director of International Cooperation Department, Kazakh National Agrarian Research University, Kazakhstan</b> Co-chair: <b>Dr. Sc. Margarita Redina, Representative of President, RUDN University, Russia</b> Speakers: (3 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li><b>Dr. Mahdi Nasiri, Representative of President, University of Zanjan, Iran</b>  <i>Greener than Green: University of Zanjan Heading towards Sustainable Development</i></li> <li><b>Dr. Mustafin Radik, Representative of Rector, Bashkir State Agrarian University, Russia</b>  <i>Creation of a Forest Carbon Landfill at Bashkir State Agrarian University</i></li> <li><b>Dr. Prashantha Naik, Representative of Vice Chancellor, Mangalore University, India</b>  <i>Eco-Friendly Activities for Enhancement of Biodiversity and Energy Conservation in and around Mangalore University, Mangalagangothri Campus</i></li> </ul>	<b>Discussion Session 3 B</b> <b>“Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time”</b> Venue: Room B <a href="#">Zoom</a>   <a href="#">YouTube</a>  Chair: <b>Prof. Dr. Chanita Rukspollmuang, Vice President, Siam University, Thailand*</b> Co-chair: <b>Dr. Ruki Harwahu, M.T, M.Sc., Expert Member of UI GreenMetric</b> Speakers: (5 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> <li><b>Dr. Uzu-Kuei Hsu, Representative of President, National Pingtung University of Science &amp; Technology, Taiwan</b>  <i>Integrating Technology to Develop Renewable Energy to Explore a Sustainable Future for Taiwan by the SECRC in NPUST</i></li> <li><b>PhD Mervi Friman, Representative of Rector, Häme University of Applied Sciences, Finland</b>  <i>Climate actions at Häme University of Applied Science (HAMK), Finland</i></li> <li><b>Antonio Carlos M. Maralit, CBP, Executive Director, Facilities Management, De La Salle University, Philippines</b></li> </ul>
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	Question and Answer	<p><i>DLSU Initiatives and Challenges: Energy &amp; Climate Change</i></p> <ul style="list-style-type: none"> <li>• <b>M. I. Raúl Vera Noguez, Representative of Rector, Universidad Autónoma del Estado de México, México</b> <i>University Energy Transition</i></li> <li>• <b>Prof. Ir. Dr. Mohd. Sobri Takriff, Representative of Vice Chancellor, Universiti Kebangsaan Malaysia, Malaysia</b> <i>UKM-YSD Chair: Best Practices in Managing Endowment Fund for Climate Change and Sustainability Initiative</i></li> </ul> <p>Question and Answer</p>
08.15 PM – 09.10 PM	<p><b>Discussion Session 4</b>  <b>“Issues and Innovation for Water, Transportation, Education and Research Management in Universities in the Post-Pandemic Time”</b>                  Venue: Room A (Main Room)  <a href="#">Zoom</a>   <a href="#">YouTube</a></p> <p>Chair:  <b>Prof. Meng-Hao Tsai, Dean of General Affairs, National Pingtung University of Science &amp; Technology, Taiwan</b>                  Co-chair:  <b>Thalita dos Santos Dalbelo, Ph.D., Coordinator of Territorial Masterplan, University of Campinas, Brazil</b></p> <p>Speakers:                  (5 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> <li>• <b>Prof. Arif Satria, Rector, IPB University, Indonesia</b> <i>Sustainable University &amp; The Future of Higher Education</i></li> <li>• <b>Dr. Nyoman Suwartha, S.T, M.T, M.Agr, Vice-Chair, UI GreenMetric</b> <i>The Impact of UI GreenMetric Involvement to Universities Performance in Shaping a Sustainable Campus</i></li> <li>• <b>Dr. Falsini Sara, Representative of Rector, University of Florence, Italy</b> <i>Moving Toward an Education for Sustainability (or based on SDGs): A green advancement at the University of Florence revealed by UI GreenMetric Ranking</i></li> <li>• <b>Dr. Mohammed Al-Mulali, Representative of President, Al-Mustaqbal University College, Iraq</b> <i>The Road to Recovery: MUC's journey after the covid pandemic</i></li> <li>• <b>Dra. Valentina Campos Cabral, Representative of Rector, Ibero Puebla, México</b> <i>Sustainable Mobility in Ibero Puebla, México. Initiatives and challenges</i></li> </ul> <p>Question and Answer</p>	
09.10 PM – 09.20 PM	Venue: Room 1 (Main Room)	
09.20 PM – 09.30 PM	<p><b>Report of Universidade do Minho, Portugal (Host of IWGM 2023)</b></p> <p>Closing Remarks</p> <ul style="list-style-type: none"> <li>• <b>Prof. Dr. - Ing. Chin-Lung Chang, President, National Pingtung University of Science &amp; Technology</b></li> <li>• <b>Prof. Riri Fitri Sari, Chairperson, UI GreenMetric World University Rankings</b></li> </ul>	

\*) to be confirmed

\*\*) List of Accepted Poster Session:

**Issues and Innovation for Setting and Infrastructure Management in Universities in the Post-Pandemic Time**

1. **Prof. Andréa Aparecida Ribeiro Corrêa, Coordinator, Federal University of Lavras, Brazil**  
*Bamboo Hitchhiking Point Project for the Federal University of Lavras*
2. **Moreno, Francisco, PhD, Teacher and research, Universidad Panamericana, Mexico**  
*Establishment of Lactaries in Higher Education Schools*
3. **Bambang Setia Nugroho, Dean of School of Electrical Engineering, Telkom University, Indonesia**



*Preliminary study of urgency to monitor indoor air quality in Telkom education area after post-pandemic*

4. **Associate Professor Ts. Dr. Madihah Mohd Saudi, Chief Information Officer, Universiti Sains Islam Malaysia, Malaysia**  
*USIM's Smart University Blueprint: Advances and Challenges*

#### Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time

5. **Prof. Dr. PhD Saule Rakhmetullina, Chairman of the board-rector of the NJSC, D.Serikbayev East Kazakhstan technical university, Kazakhstan**  
*Green Metrics Questionnaire as the basis of a Green University strategy*
6. **Prof. Dr. Camila Monteiro Santos, International Program Coordinator, Universidade do Vale do Itajaí – UNIVALI, Brazil**  
*Univali's Biguaçu Campus: The first Campus in Brazil to generate 100% of its energy*
7. **Dr. Muhammad Kabir, Assistant Professor, Incharge & Controller, Thal University Bhakkar, (University of Sargodha, Ex-Sub Campus Bhakkar), Bhakkar, Punjab, Pakistan**  
*Impacts of anthropogenic activities & climate change resulting from increasing concentration of Carbon dioxide on environment in 21st Century; A Critical Review*
8. **Dr. Ashif Sajjad, Director Quality Assurance and Accreditation Directorate, University of Balochistan, Quetta, Pakistan**  
*Assessment of Carbon Footprint and Possible Interventions to Reduce its Impact at University of Balochistan, Quetta, Pakistan: The First Attempt*
9. **Miguel Alejandro Chen Austin, Researcher, Universidad Tecnológica de Panamá, Panamá**  
*Assessment of the University Campus Metabolism due to Mobility and Outdoor Conditions: Survey and GIS-based Approach*
10. **M.Sc Johicy H. Parra, Sustainability Advisor, State University of Northern Paraná, Brasil**  
*Reflections of the pandemic on energy consumption patterns in a Higher Education Institution*
11. **Engineer Edna Vanessa Ramos Gómez, National leader environmental management system, Universidad Nacional Abierta y a Distancia – UNAD Colombia**  
*Energy transition to photovoltaic system at UNAD as an instrument of environmental management system*
12. **Javaria Qais Joiya, Director Sustainability, University of Central Punjab Lahore, Pakistan**  
*University of Central Punjab, Lahore, Pakistan and SDGs Compliance in Energy Conservation in the Post-Pandemic Time Period*

#### Issues and Innovation for Waste Management in Universities in the Post-Pandemic Time

13. **Dr. Ir. Nurzainah Ginting, M.Sc, Head of Compost Centre, Universitas Sumatera Utara, Indonesia**  
*Training on Making and Application of Biodesinfectant from Organic Waste for Mouth and Foot Disease at the University of North Sumatra*
14. **Dr. Juan Roberto Calderón Maya, Director of Research, Universidad Autónoma del Estado de México, México**  
*the Installation and Operation of the Solid Waste Collection Center (Cars) as a Mechanism for the Recovery of Solid Waste (Rs) at the Autonomous University of the State of Mexico (Uaeméx)*
15. **Noha donia, Dean faculty of Graduate Studies and Environmental Researches, Ain Shams University, Egypt**  
*Role of Ain Shams University in Sustainability*
16. **Rami Elhousseini, MSc., SDG Focal Point, American University of Beirut, Lebanon**  
*Wastewater to Wetlands: Turning the Tide with Azolla Ferns*

#### Issues and Innovation for Water Management in Universities in the Post-Pandemic Time

17. **Prof. Dr. Yüksel Ardali, Sustainability Directors, Ondokuz Mayıs University, Turkey**  
*Climate Change Adaptation-Based Strategies Water Management at Ondokuz Mayıs University in the Post Pandemic Time*

#### Issues and Innovation for Transportation Management in Universities in the Post-Pandemic Time

18. **Engr.Muhammad Waleed Farooq, Directorate of Sustainability and Environment, Director and Member (EE), Capital University of Science and Technology, Pakistan**  
*Hazelbot: Smart Medical Assistant*



**Issues and Innovation for Education and Research Management in Universities in the Post-Pandemic Time**

19. **Dr. Rustamadji, M.Si., Rector, Universitas Pendidikan Muhammadiyah Sorong, Indonesia**  
*Green school (GS) management strategy: sustainable environmental idea for future learning*
20. **Dr. Jesús Vicente González Sosa, Research professor, Universidad Autónoma Metropolitana, Unidad Azcapotzalco, Mexico**  
*Sustainability at UAM Azcapotzalco for Academic Programs with Virtual Classroom Methodologies*
21. **Prof. Dr. Israel Gondres Torné, Coordinator of the Electrical Engineering Course, Universidade do Estado do Amazonas, Brazil**  
*Development of an Application for Measuring Parameters of UI GreenMetric*
22. **Dr. Johnny A. Ching, Director, De La Salle University-Dasmariñas, Philippines**  
*Creating Possibilities thru Research Amidst the Pandemic: DLSU-D's Transformative Actions*
23. **Leonardo Chaves de Carvalho, Director of Sustainable Development, Federal University of Mato Grosso do Sul – UFMS, Brazil**  
*Management, Innovation and Sustainability: the evolution of the regulations of the Federal University of Mato Grosso do Sul*
24. **George Abuselidze, Prof. Dr., Batumi Shota Rustaveli State University, Georgia**  
*Importance of Professional Diversification in Economy and Higher Education*
25. **Tamara Nanni Camargo, Project Manager, Facens University Center, Brazil**  
*Challenges of the 21st Century: Initiatives that Facens Promotes to Achieve the Model of Education for Sustainable Development*
26. **Justyna Berniak-Woźny, PhD, Presidential Proxy for Internationalisation, University of Information Technology and Management, Poland**  
*Immersed from Day One - How the Science Club revolutionized UITM Sustainability Education*
27. **Dr. Wasanthi Subasinghe, Director, Centre for Sustainability Solutions, University of Kelaniya, Sri Lanka**  
*Efforts of transforming education towards sustainability by the University of Kelaniya, Sri Lanka in the midst of economic crisis, in post-covid 19 pandemic period.*
28. **Ts. Zulkurnain Bin Shahadan, Director, Sultan Idris Shah Polytechnic, Malaysia**  
*Best Practice Towards Sustainability Development in Sultan Idris Shah Polytechnic*
29. **Ir. Tony K. Hariadi, M.T., IPM., Head of the Center for Strategic Data and Information, Universitas Muhammadiyah Yogyakarta, Indonesia**  
*Islamic Way (best practice as moslem)*
30. **Zahra Mohebi, Assistant Prof., Razi University, Iran**  
*The Architecture of Green Space by Medicinal Plants in the University and Its Impact on People's Health, Education and Environmental in The Post-Pandemic Time*

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