



THE 8TH INTERNATIONAL (VIRTUAL) WORKSHOP ON UI GREENMETRIC WORLD UNIVERSITY RANKINGS (IWGM 2022)

“Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time”

27-29 September 2022

National Pingtung University of Science and Technology (NPUST)
Chinese Taipei

Term of Reference



A. Background

For the past 12 years, UI GreenMetric has become one of the flagship programs of Universitas Indonesia that ranks universities around the world according to appointed indicators of campus environmental sustainability issues, such as setting and infrastructure, energy, waste management, water, transportation, and education. This ranking is one of the university's efforts in promoting sustainability in campuses and also in involving stakeholders in any kind of effort to create a sustainable environment.

UI GreenMetric has a strong commitment to become a global platform for university students in the world to become active players in addressing the environmental challenges facing the world today. With the principle of mutual cooperation and sharing experiences, UI GreenMetric aims to raise awareness of universities as agents of change for a better world. The ranking is conducted through an online questionnaire system in which each university provided data about sustainability indicators. The data then automatically processed into a ranking.

This program has been conducted since 2010, the participation of universities around the world continue to increase. In 2010, approximately nearly 100 universities from 35 countries participated in the UI GreenMetric. In 2021, there are 956 Universities from 80 countries. The increasing number shows that this program can grab the attention of many universities throughout the world.

During the ranking process, many universities performance in UI GreenMetric have been improved. In order to increase the performance of each university in UI GreenMetric, universities need to share their sustainability's achievement and current condition in a forum. 956 universities in UI GreenMetric Network are good examples of how sustainability policies can be implemented in universities in some respects such as setting and infrastructure, energy and climate change, waste and water management, transportation and also education. These universities can share information about the implementation of sustainability policies in each university.

B. Purpose

International Workshop on UI GreenMetric aims to:

1. Disseminate and evaluate the implementation of the UI GreenMetric Rankings in participating universities worldwide.
2. Share information about sustainability to improve the campus by studying some best practices.
3. Provide an opportunity for universities on the top rank in UI GreenMetric to share their university's policy, programs and implementation.
4. Provide an opportunity for cooperation in sustainability management in campuses.



C. Main Program

The symposium will be opened by the President of National Pingtung University of Science and Technology (NPUST) and Universitas Indonesia or their representatives. Keynote speakers from related ministries or organizations can be invited to the workshop. Speakers are invited to share their universities' best practices in the areas of Setting and Infrastructure, Energy and Climate Change Policy, Waste, Water, Transportation, and Education and Research.

D. Number of Speakers and Participants

Universities are invited to be participants based on their University's participation in the UI GreenMetric World University Rankings in 2021. Universities with top ranks in UI GreenMetric World University Rankings in 2021 will be invited to speak as speakers. In the previous event, over 216 international delegates from 38 different countries including 51 speakers in parallel session and 23 presenters in poster session.

E. Name and Theme of Event

Name : *The 8th International Workshop on UI GreenMetric World University Rankings (IWGM 2022)*

Theme : *Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time*

F. Organizer

UI GreenMetric in collaboration with National Pingtung University of Science and Technology (NPUST).

G. Date and Venue of Event

Date : 27-29 September 2022

Venue : Zoom Meeting and YouTube Channel UI GreenMetric



H. Tentative Virtual Program

Time Zone based on Pingtung County, Chinese Taipei's local time (GMT +8)

THE 8TH 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

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

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

Timing	Session
06.30 PM – 06.45 PM	Registration
06.45 PM – 07.00 PM	Safety Induction
07.00 PM – 09.30 PM	<p>UIGWURN Steering Committee Meeting (by invitation) Venue: Room Meeting Online 1</p> <ol style="list-style-type: none"> 1. Welcome of National Coordinators, quorum established 2. Secretariat UI GreenMetric (Prof. Riri Fitri Sari, Mr. Junaidi, M.A., Dr. Nyoman Suwartha, Prof. Tommy Ilyas and Prof. Gunawan Tjahjono) 3. Adoption of the agenda 4. Remarks by Prof. Dr. Ir Riri Fitri Sari, MM, MSc, IP (Chairperson, UI GreenMetric) 5. Remarks by Dr. Chang-Hsien Tai (President, National Pingtung University of Science & Technology) 6. Adoption of the minutes of the 5th Steering Committee Meeting (Virtual) in 2021 7. Discussion on the future activities of UI GWURN <ul style="list-style-type: none"> - Shaping Global Higher Education and Research in Sustainability - Creating Global Sustainability Leaders - Partnering on Solutions to Sustainability Challenges 8. Discussion on the future activities of UI GWURN 9. Report of Activities of UI GWURN and national coordinators 10. Any other business 11. 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	Registration		
06.45 PM – 06.55 PM	Safety Induction		
06.55 PM – 07.00 PM	Master of Ceremony: Venue: Room 1 (Main Room) Zoom YouTube Name, Position, Institution, Country		
07.00 PM – 07.15 PM	Welcome Speech <ul style="list-style-type: none"> • Prof. Dr. Ing. Chin-Lung Chang, President, National Pingtung University of Science & Technology • Prof. Riri Fitri Sari, Chairperson, UI GreenMetric World University Rankings 		
07.15 PM – 07.45 PM	Keynote Speech <ul style="list-style-type: none"> • Prof. Chang Hsien Tai, Professor, National Pingtung University of Science & Technology <i>Title/Topic Presentation</i> 		
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	Discussion Session 1 A “Issues and Innovation for Setting and Infrastructure Management in Universities in the Post-Pandemic Time” Venue: Room 1 (Main Room) Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)	Discussion Session 1 B “Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time” Venue: Room 2 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)	Discussion Session 1 C “Issues and Innovation for Waste Management in Universities in the Post-Pandemic Time” Venue: Room 3 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)
09.00 PM – 09.05 PM	Break		

09.05 PM – 09.50 PM	Discussion Session 2 A “Issues and Innovation for Water Management in Universities in the Post-Pandemic Time” Venue: Room 1 (Main Room) Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)	Discussion Session 2 B “Issues and Innovation for Transportation Management in Universities in the Post-Pandemic Time” Venue: Room 2 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)	Discussion Session 2 C “Issues and Innovation for Education and Research Management in Universities in the Post-Pandemic Time” Venue: Room 3 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each) <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> Question and Answer (30 minutes)
09.50 PM – 10.00 PM	Closing and Information for Day 4 by the Chair	Closing and Information for Day 4 by the Chair	Closing and Information for Day 4 by the Chair

DAY 4: 29 September 2022 (Virtual Workshop, Chinese Taipei Time, GMT+8) Check the start time in your time zone (https://bit.ly/YourTimeZoneIWGM2022-3)			
06.30 PM – 06.45 PM	Registration		
06.45 PM – 07.00 PM	Safety Induction		
07.00 PM – 07.05 PM	Master of Ceremony Venue: Room 1 (Main Room) Zoom YouTube		
07.05 PM – 07.20 PM	Keynote Speech <ul style="list-style-type: none"> • Eugene Chien Ph.D., Chairman and president, Taiwan Institute for Sustainable Energy (TAISE) <i>Title/Topic Presentation</i> 		
07.20 PM – 07.25 PM	Break		
07.25 PM – 08.10 PM	Discussion Session 3 A “Issues and Innovation for Setting and Infrastructure Management in Universities in the Post-Pandemic Time” Venue: Room 1 (Main Room) Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country	Discussion Session 3 B “Issues and Innovation for Energy and Climate Change Management in Universities in the Post-Pandemic Time” Venue: Room 2 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country	Discussion Session 3 C “Issues and Innovation for Waste Management in Universities in the Post-Pandemic Time” Venue: Room 3 Zoom YouTube Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country

	<p>Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>	<p>Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>	<p>Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>
08.10 PM – 08.15 PM	Break		
08.15 PM – 09.00 PM	<p>Discussion Session 4 A “Issues and Innovation for Water Management in Universities in the Post-Pandemic Time”</p> <p>Venue: Room 1 (Main Room) Zoom YouTube</p> <p>Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>	<p>Discussion Session 4 B “Issues and Innovation for Transportation Management in Universities in the Post-Pandemic Time”</p> <p>Venue: Room 2 Zoom YouTube</p> <p>Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>	<p>Discussion Session 4 C “Issues and Innovation for Education and Research Management in Universities in the Post-Pandemic Time”</p> <p>Venue: Room 3 Zoom YouTube</p> <p>Chair: Name, Position, University, Country Co-chair: Name, Position, University, Country Speakers: (4 main point presentations – max. 4 minutes each)</p> <ul style="list-style-type: none"> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> • Name, Position, University, Country <i>Title of Presentation</i> <p>Question and Answer (30 minutes)</p>
09.00 PM – 09.05 PM	Break		
09.05 PM – 09.15 PM	<p>Venue: Room 1 (Main Room) Zoom YouTube</p> <ul style="list-style-type: none"> • Report of Universidade do Minho, Portugal (Host of IWGM 2023) 		
09.15 PM – 09.30 PM	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Prof. Dr. Ing. Chin-Lung Chang, President, National Pingtung University of Science & Technology • Prof. Riri Fitri Sari, Chairperson, UI GreenMetric World University Rankings 		

*) to be confirmed

**) List of Accepted Poster Session (tbc)



I. Call for Papers (<https://iwgm.ui.ac.id/call-for-papers-2022/>)

Theme: “Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time”

The 8th International (Virtual) Workshop on UI GreenMetric World University Rankings (IWGM 2022) will be hosted by National Pingtung University of Science and Technology (NPUST) on 27-29 September 2022. Due to the quarantine policy needed in Taiwan, this event will be held online on Zoom Meeting and UI GreenMetric YouTube Channel.

This event will provide an opportunity for participating universities to showcase their innovation and best practices relative to the latest issues in the management of setting and infrastructure, energy, waste, water, transportation, education and research in your green campus.

The Organizing Committee hereby invites participating universities to present their papers in the parallel sessions or exhibit their posters in the sessions provided. Interested universities should send their abstracts. The scientific committee will select the abstracts and full papers and decide which ones will get the opportunity to be presented and exhibited. The UI GreenMetric Secretariat team will notify submitters/authors of their conference participation opportunities. Accepted papers will be published at IOP Science.

Please note:

- The presenters and first authors are only for esteemed representatives from universities (rectors, vice-rectors, sustainability directors, deans, respectful professors) for parallel and poster session.
- Abstracts and full papers should be submitted **through the online abstract and full paper submission system**.
- The length of full papers is **5-7 pages**.
- For **Parallel Sessions (by invitation only)**, presenters should submit a presentation (PPT/PDF Version) and video presentation on the submission system. Please check [Guideline of Parallel Session](https://iwgm.ui.ac.id/guideline-parallel-session/) at <https://iwgm.ui.ac.id/guideline-parallel-session/>.
- For **Poster Session**, Poster size: A1 (594 x 841 mm or 23.4 x 33.1 in), we will publish the poster on the website. Presenters should submit a poster (JPG/PDF Version) and a video presentation on the submission system. Please check [Guideline of Poster Session](https://iwgm.ui.ac.id/guideline-poster-session/) at <https://iwgm.ui.ac.id/guideline-poster-session/>.
- The link of **Template of Full Paper** at <https://publishingsupport.iopscience.iop.org/questions/templates-and-guidelines-for-proceedings-papers/>.



J. Important Dates



K. Contact Persons

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L. Previous IWGM

- The 1st International Workshop on UI GreenMetric World University Rankings (IWGM 2013) in collaboration with University of Indonesia in Depok, Indonesia



- The 2nd International Workshop on UI GreenMetric World University Rankings (IWGM 2016) in collaboration with University of Indonesia in Depok, Indonesia





- The 3rd International Workshop on UI GreenMetric World University Rankings (IWGM 2017) in collaboration with Bülent Ecevit University and Istanbul University in Istanbul, Turkey on 9-11 April 2017



- The 4th International Workshop on UI GreenMetric World University Rankings (IWGM 2018) in collaboration with Universitas Diponegoro in Semarang, Indonesia on 8-10 April 2018



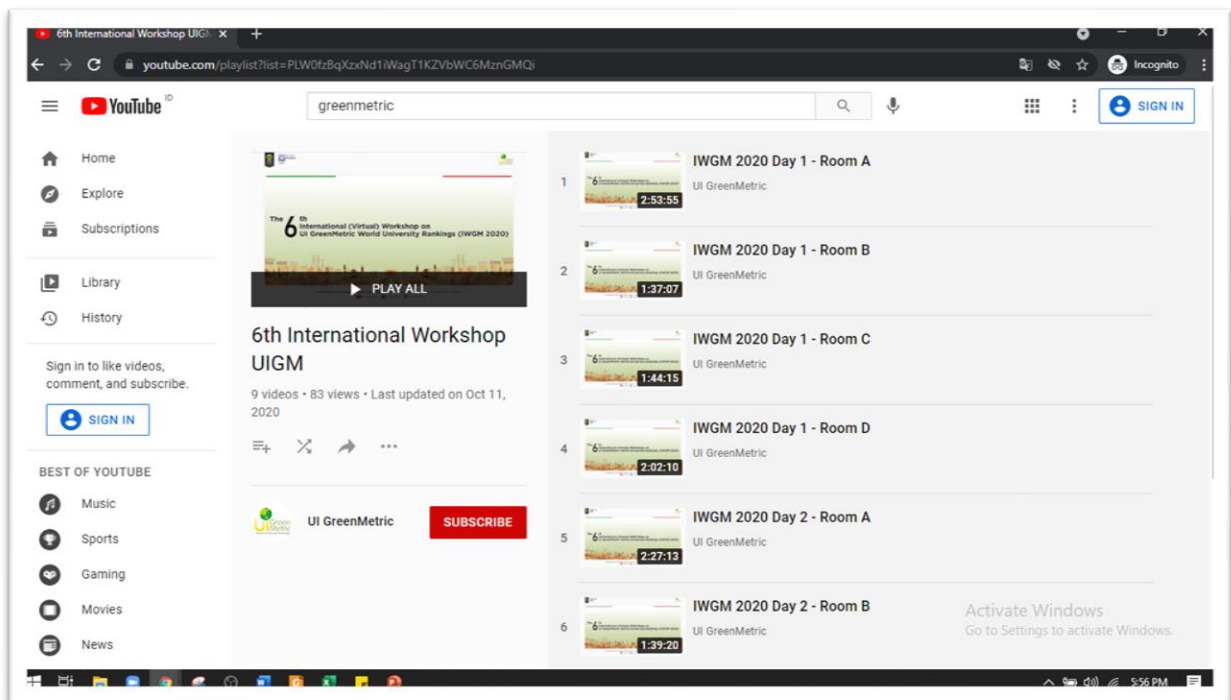


- The 5th International Workshop on UI GreenMetric World University Rankings (IWGM 2019) in collaboration with University College Cork in Cork, Ireland on 14-16 April 2019





- The 6th International (Virtual) Workshop on UI GreenMetric World University Rankings (IWGM 2020) in collaboration with University of Zanjan, Iran on 13-15 October 2020





- The 7th International (Virtual) Workshop on UI GreenMetric World University Rankings (IWGM 2021) in collaboration with Universiti Putra Malaysia, Malaysia on 23-26 August 2021.

