



Global Conference

Shaping the future agenda of SDGs in Asia: The Innovative & Transformative Approach

Date: November 15th, 2022

Venue: NCKU Future Venue (No.1, University Road, East District, Tainan City 701) and virtual

| Arrival/Opening | | |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 09:30-09:35 | Welcome and Opening | Prof. Huey-Jen Jenny Su President, NCKU |
| 09:35-09:40 | Introduction of WUN Global Research Group-SDGs in Asia | Prof. Fong-Chin Su Executive Vice President, NCKU |
| 09:40-09:45 | Photo time | |
| Keynote session | | |
| 09:45-10:05 | The role of higher education in achieving SDGs (TBD) | Assoc. Prof. Dr. Mohd Wira Mohd Shafiei Director, Universiti Sains Malaysia Centre for Global Sustainability Studies |
| 10:05-10:15 | Discussion | |
| 10:15-10:35 | The role of higher education in achieving SDGs (TBD) | Prof. Tony Capon Director, Monash Sustainable Development Institute |
| 10:35-10:45 | Discussion | |
| 10:45-11:00 | Break | |
| Presentation of Research Impact | | |
| SDG 3: Good Health and Well-being | | |
| 11:00-11:10 | Investigating psychological needs in Asian countries with different severity of COVID-19 outbreak | Prof. Chung-Ying Lin NCKU |
| 11:10-11:20 | Healthy life style does matters for community dwellings pursuing quality of life | Prof. Li-Fan Liu NCKU |
| 11:20-11:30 | Exploring Meals on Wheels as a service provided to vulnerable adults in South-East Asia: establishing food safety, nutritional, social care, psychological and policy implications | Prof. Hsiu-Ling Chen NCKU |
| 11:30-11:45 | Discussion | |
| 11:45-13:00 | Lunch | |

SDG 7: Affordable and Clean Energy

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| 13:00-13:10 | New developments in synthesis of renewable fuels. | Prof. Mohammed Mehdi Farid University of Auckland |
| 13:10-13:20 | Integration of Different Renewable-Energy Resources with Energy-Storage Systems and Control Systems Using Various Microgrid Systems | Prof. Li Wang NCKU |
| 13:20-13:30 | High-Capacity Energy Storage Based on Affordable and Environmentally-Friendly Materials | Prof. Watchareeya Kaveevivitchai NCKU |
| 13:30-13:45 | Discussion | |

SDG 6: Clean Water and Sanitation

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| 13:45-13:55 | Quantification of end-of-life fishing gear stocks to prevent marine litter | Dr. Falk Schneider NCKU |
| 13:55-14:05 | Drinking Water Quality: Sharing the technologies and identifying the issues | Prof. Tsair-Fuh Lin NCKU |
| 14:05-14:15 | Discussion | |

SDG 3: Good Health and Well-being

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| 14:15-14:25 | The Relationships among Physical Literacy, Perceived Health Status, Physical Fitness, Exercise Belief, Motivation to Exercise, Promise to Exercise, and Active Aging | Prof. Raymond Kim-Wai Sum CUHK Prof. Li-Chuan Lin NCKU |
| 14:25-14:35 | Superfood millets for combating mineral deficiencies and related lifestyle disorders in child and elderly populations: a computational modelling approach | Dr. Helen Chappell University of Leeds |
| 14:35-14:45 | Sustaining Health System Resilience through Integrated Care Networks for Older People & their Caregivers: Vulnerability Identification, Coordinated Services, and Digital Solutions | Dr. Chieh-Hsiu Liu NCKU |
| 14:45-15:00 | Discussion | |
| 15:00-15:15 | Introduction of 2023 WUN Global Research Group-SDGs in Asia: Call for Proposal and Closing Remark | Prof. Tsair-Fuh Lin Vice President, Office of Research and Development, NCKU Chair, WUN Global Research Group-SDGs in Asia |