

SUSTAINABLE DEVELOPMENT

Postgraduate
- Prospectus -
2025

SUNWAY
UNIVERSITY



A CLASS ABOVE



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Nurturing the Seeds of Wisdom

SUNWAY IS ONE OF THE TOP 150 UNIVERSITIES IN THE WORLD UNDER 50 YEARS OLD

As one of Malaysia's leading and internationally recognised private universities, Sunway University is positioned amongst top universities in the world by QS World University Rankings. Sunway University is ranked #1 private university in ASEAN region by AppliedHE ASEAN Private University Ranking 2025 and recognised as the #1 Malaysia's highest-ranked private non-government linked university in the Times Higher Education World University Rankings 2025. The University is also #539 in the QS World University Rankings 2025.

Sunway University has been awarded #1 in Graduate Employability among all universities in Malaysia, for the third consecutive year, by Talentbank Group through the National Graduate Employability Index.

The University has achieved a significant milestone by making its debut in the Academic Ranking of World Universities (ARWU) for 2024. This achievement places Sunway University among the top five universities in Malaysia, alongside the top four research-intensive public universities, and establishes it as the only private higher education institution in the country to be included in this prestigious global ranking.

Collaborating with world class partners - Lancaster University and Le Cordon Bleu International, Sunway University offers premier education with international repute. The University also partners University of Oxford, University of Cambridge, Harvard University, Massachusetts Institute of Technology and University of California, Berkeley.

MALAYSIA'S #1 NON-GLU* PRIVATE UNIVERSITY

as awarded by Times Higher Education



*Government-Linked University

The Only Private University in Malaysia to be included in the Academic Ranking of World Universities (ARWU) 2024



WHY STUDY AT SUNWAY UNIVERSITY?



Industry-relevant and job-ready programmes and curriculum



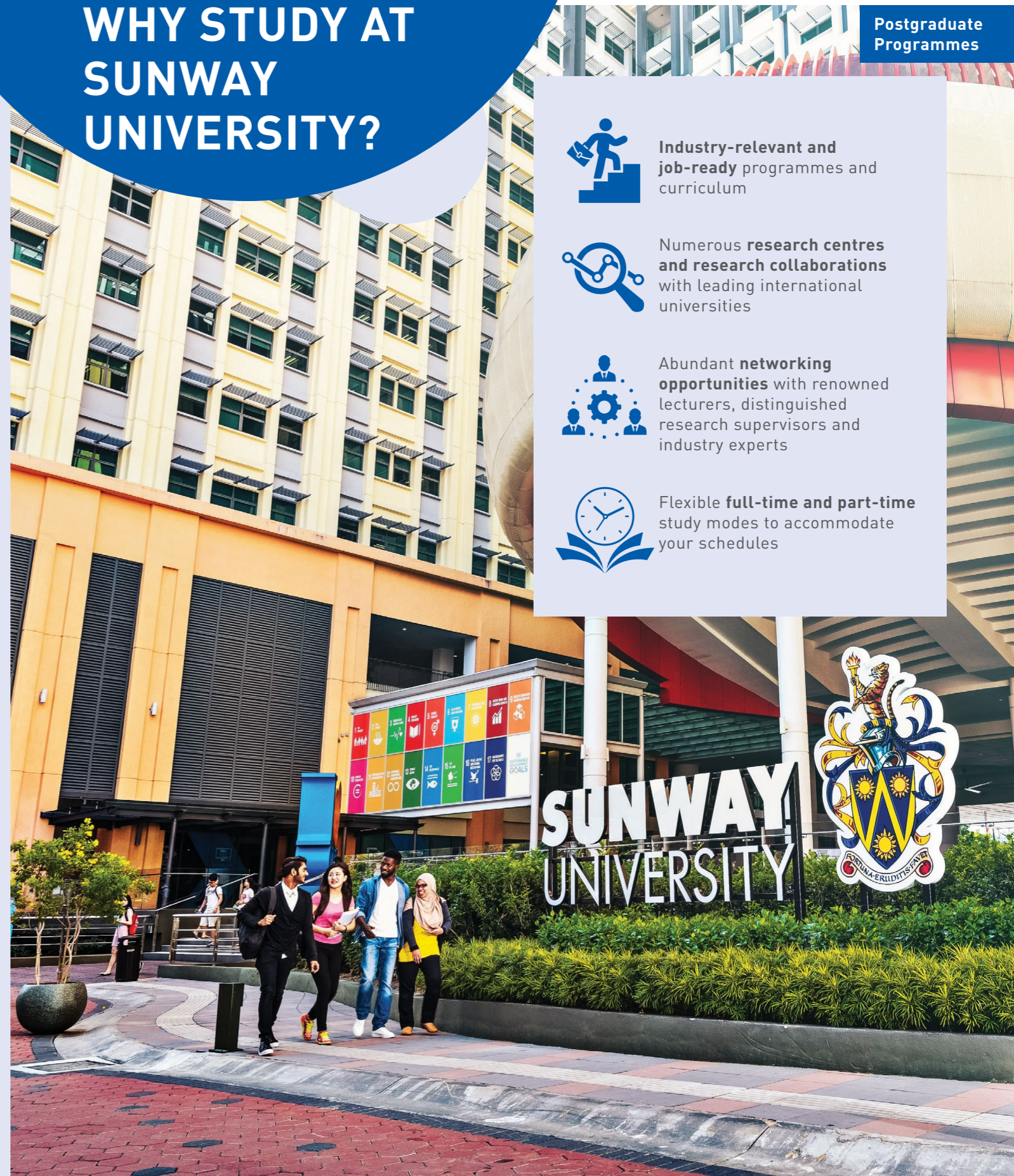
Numerous research centres and research collaborations with leading international universities



Abundant networking opportunities with renowned lecturers, distinguished research supervisors and industry experts



Flexible full-time and part-time study modes to accommodate your schedules



THE JEFFREY SACHS CENTER



United Nations chosen destination for Sustainable Development Goals in Asia

THE JEFFREY SACHS CENTER

The Jeffrey Sachs Center on Sustainable Development (JSC) tackles the sustainability agenda through education, training, research, and policy advisory. JSC serves as a center for research and policy implementation, offering world class programmes designed to educate students, professionals, and policy influencers in the realm of sustainable initiatives. Our collaborative approach involves partnerships with global industries, agencies, government entities, and universities. The Jeffrey Sachs Center works closely with the Asian arm of the United Nations Sustainable Development Solutions Network (SDSN).

JSC was established through a contribution by the Jeffrey Cheah Foundation – the biggest of its kind towards advancing the 17 Sustainable Development Goals. The Center operates under the supervision of Professor Jeffrey D. Sachs, one of the world’s leading experts in sustainable development.

SUNWAY UNIVERSITY

Sunway University is dedicated to championing sustainability on and around campus, and to nurturing a community of socially and ecologically responsible individuals. The campus is strategically located in Sunway City, Malaysia’s first integrated green township to be certified by the Green Building Index.

The Sunway City township was transformed from a tin mining wasteland to a sustainability model for other townships nationally and regionally. It has also been recognised as a Top Smart City Initiative in the Asia Pacific region and an Integrated Smart and Low-Carbon Township by IDC Government Insights in 2017.

The student experience at Sunway University has many benefits including green spaces and environment-friendly infrastructure such as elevated canopy walkways, convenient public transportation and bio-diversified theme parks – all of which are situated in a pollution-free area.

From practical initiatives such as the biannual e-Waste Disposal Campaign and collaborations with NGOs on projects such as the Earth Warriors, to academic pursuits in carbon dioxide waste conversion and optimisation of renewable energy technology, Sunway University is committed to various activities to achieve its sustainability objectives.



RESEARCH PROJECTS IN THE JEFFREY SACHS CENTER ON SUSTAINABLE DEVELOPMENT

- Agriculture Modernisation
- Creating Sustainable Campuses
- Deep Decarbonisation Pathways for Malaysia
- Deforestation & Biodiversity Loss
- Food, Agriculture, Biodiversity, Land Use & Energy (FABLE) in Malaysia
- Generating Innovation-Based Economic Growth that is Socially Inclusive
- Malaysia & ASEAN SDG Dashboard
- Mangroves Vulnerability, Resilience & their Role in Climate Adaptation
- Mitigation of Environmental & Climate Shocks: Towards Resilience & Sustainability
- Sustainable Energy Technology & Systems in Malaysia
- Sustainable Management of Lakes and Estuarine Ecosystems to Overcome Catastrophic Regime Shifts



RESEARCH AREAS



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- Agriculture and forestry
- Biodiversity
- Bio-economy
- Climate system
- Corporate governance
- Corporate sustainability
- Decarbonisation
- Education for sustainable development
- Economics of decarbonisation
- Electoral system
- Energy systems
- Financial markets
- Global production value chain
- Green finance
- Human capital development
- Information technology
- Land-use sustainability
- Macroeconomics policies
- Marine ecology
- Modelling
- Political science
- Sustainability mindset and leadership
- Sustainable communities
- Sustainable development
- Sustainable economic development
- Social inclusion
- Supply chain
- Trade
- Transportation and mobility
- Waste management
- Water resources



ENTRY REQUIREMENTS

PROGRAMME	ENTRY REQUIREMENTS	ENGLISH LANGUAGE REQUIREMENTS
Master in Sustainable Development Management*	<ul style="list-style-type: none"> • A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.50 as accepted by the HEP Senate; or • A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50 can be accepted, subject to a rigorous internal assessment; or • A Bachelor's degree (Level 6, MQF) in non-related fields with a minimum CGPA of 2.00 as accepted by the HEP Senate and with relevant working experience of at least 2 years of work experience, subject to a rigorous internal assessment; or • A Bachelor's degree (Level 6, MQF) in non-related fields with a minimum CGPA of 2.00 as accepted by the HEP Senate and without relevant working experience, subject to passing pre-requisite courses; or • An APEL.A Certificate (APEL T-7) (Recognition of Prior Learning) For more information on APEL.A, visit https://sunwayuniversity.edu.my/school-of-education/pace/apela • Other equivalent/related qualifications to a Bachelor's degree (Level 6, MQF) recognised by the Malaysian Government. 	<p>IELTS : 6.0 / CEFR: B2</p> <p>TOEFL : PBT (550) or IBT (75)</p> <p>Cambridge English : 180 / CEFR: B2 (Advanced)</p> <p>Cambridge English : 180 / CERF: C1 (Proficiency)</p> <p>PTE Academic : 50</p> <p>MUET : Band 4</p> <p><i>If a student does not meet this requirement, the HEP offers English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme. This is normally conducted through an English language proficiency assessment.</i></p>
Doctor of Philosophy (PhD) in Sustainable Development**	<ul style="list-style-type: none"> • A Master's degree in a related field as accepted by the HEP Senate • Other qualifications equivalent to a Master's degree as accepted by the HEP Senate 	<p>IELTS : 6.0 or equivalent</p> <p><i>International candidates should demonstrate English proficiency sufficient to meet the needs of the programme.</i></p>

* **PERSONAL STATEMENT** – Students may be required to write a personal statement where they need to state their interest in sustainable development and suitability for this programme.

** **RESEARCH STATEMENT** – The statement should describe the research question that the applicant intends to pursue, research objectives and the purpose of the research.

APPLICATION CHECKLIST

HOW TO APPLY	PROGRAMME	CONTACT
Kindly email the following documents for an eligibility check: <ul style="list-style-type: none"> • Curriculum Vitae • Bachelor's/Master's degree transcript • Completion certificate After passing the eligibility check, the school administrator will brief the student further regarding the application process and other documents that are required.	Master in Sustainable Development Management	jsc_admissions@sunway.edu.my
	Doctor of Philosophy (PhD) in Sustainable Development	



SCHOLARSHIPS & BURSARIES

For more information regarding available scholarships and bursaries, please refer to <https://scholarship.sunway.edu.my/>

*Terms and Conditions apply

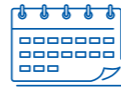
MASTER IN SUSTAINABLE DEVELOPMENT MANAGEMENT

(Blended mode and ODL mode)



DURATION

Minimum 12 months



INTAKES

January, March, September



TAUGHT PROGRAMME

SUSTAINABLE DEVELOPMENT FOR A BETTER WORLD

The 'New Normal' of the 21st century is characterised by global pandemics, extreme weather patterns, political populism, social inequality, biodiversity loss, financial crises, economic stagnation of middle-income countries, trade wars, geostrategic competition, food contamination and insecurity, and worsening urban blight. In response to these challenges, the United Nations articulated the 17 Sustainable Development Goals (SDGs) in 2015 as a framework for addressing this 'New Normal'.

The world is in desperate need of people who understand this New Normal and are able to formulate new strategies to achieve these 17 SDGs in order to ensure collective sustainability in ecological balance, economic dynamism, environmental safety, social harmony, and effective international partnerships in global health, international peace, and climate action. The Master in Sustainable Development Management (MSDM) programme at Sunway University is designed to empower individuals and organisations to develop innovative solutions that advance the 17 SDGs.

CAREER PROSPECTS



Graduates from this programme will use their knowledge and skills to generate solutions in their own organisations or sectors, or they may embark on new career paths. Whether innovators, social entrepreneurs, educators, consultants, political leaders, civil society activists, writers, or policymakers, they will be agents of change for a better world.

MSDM graduates are expected to work in public, private, and non-governmental organisations at all levels.

In the corporate sector, more and more businesses are establishing sustainability divisions to spur innovations that address social and environmental needs while simultaneously improving their bottom lines. Increasingly, various indices are being created to assess and rank businesses based on their sustainability.

In the public sector, governments strive to link the economic, environmental, and social dimensions of development. The concept of Sustainable Development occupies the policy discussion in practically all sectors of government at all levels, anchored in the needs and realities of the countries and regions.

In addition to those in the UN systems, there are also a growing number of non-governmental organisations, from local to international, dedicated to promoting and attaining the 17 SDGs.

PROGRAMME OVERVIEW

The Master in Sustainable Development Management (MSDM) aims to create a new generation of multidisciplinary practitioners adept at management and problem-solving using analytics and systems thinking guided by global concerns.

The programme aims to equip students with necessary management skills and acumen to create innovative solutions to achieve the Sustainable Development Goals (SDGs). It encompasses corporate sustainability strategies, social entrepreneurship, finance and sustainability, sustainable management and operations, as well as economics and development. This is built upon a broad knowledge base that covers critical areas like climate change, waste management, energy systems, agriculture and food systems, forestry, and biodiversity.

Students are not only exposed to theories and concepts but also real-world practices and case studies to gain a holistic understanding of the opportunities and challenges to achieving the SDGs in scientific, economic, business, and technological aspects.

The MSDM programme has two modes for delivery of instruction:

1. **Blended mode (Track 1) – In-person classes, OR**
2. **ODL mode (Track 2) – Fully online**

PROGRAMME STRUCTURE

Students are required to complete 10 core courses, including Research Projects I & II, and 4 elective courses.

Core Courses

- Corporate Sustainability Strategies
- Earth's Climate System
- Economics of Sustainability Management
- Finance & Sustainability
- Global Foundation Course: Introduction to Sustainable Development
- Research Methods
- Research Project I
- Research Project II
- Social Entrepreneurship & Development
- Sustainable Management & Operations

Available Electives

- Energy Systems and Management
- Governance in Sustainable Development
- Sustainable Agriculture & Food Systems
- Sustainable Forestry and Biodiversity
- Sustainable Waste Management
- Smart Tech & IOT

Class Schedule:

- All lectures and tutorials are held in the weekends in the daytime and weekdays in the evening (Malaysia, UTC+8)

CONTACT

For more information, please email
jsc_admissions@sunway.edu.my

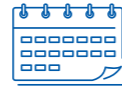


PhD IN SUSTAINABLE DEVELOPMENT



DURATION

- Full-time - 3 years
- Part-time - 4 years



INTAKES

January, July



RESEARCH PROGRAMME

- A full research programme focusing on key areas of sustainable development and themes outlined in the 17 Sustainable Development Goals.
- Research topics will cover a wide range of complex issues and theories related to sustainable development, from addressing climate change and ecosystems issues to economic progress, social inclusion, sustainable management, public policies, environmental practices and governance.
- Students can select any key dimension of sustainable development and undertake in-depth research to develop insights, theories and practical solutions to help advance the sustainability goals.

PROGRAMME STRUCTURE

For this PhD programme, students are required to complete:

- Research Methods
- Thesis Research

CAREER PROSPECTS



Positions in academia, industry, government and international and voluntary organisations that are pursuing the SDGs and sustainable practices.



AREAS OF RESEARCH

- Bio-economy development
- Climate change adaptations
- Corporate strategies & operations
- Economics & sustainable development
- Education reform
- Environmental & ecological systems
- Finance & sustainable development
- International economics, finance & investments
- Land-use system
- Mathematical modelling & simulations
- Plants and food system
- Political institutions, group conflicts, & democracy
- Psychology design, industrial design & creative industries
- Public policy & sustainable development
- Smart technologies
- Social entrepreneurship
- Social progress & social inclusion
- Solid and hazardous waste management
- Sustainable infrastructure, transportation & mobility
- Sustainable tourism, hospitality & cultural heritage
- Trade & sustainable development
- Urban sustainability
- Wildlife & forestry
- Renewable energy

CONTACT

For more information, please email jsc_admissions@sunway.edu.my



WHO YOU WILL BE WORKING WITH



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PROFESSOR JEFFREY D. SACHS

*Chairman, Jeffrey Sachs Center on Sustainable Development
Director, UN Sustainable Development Solutions Network
Director, Center for Sustainable Development, Earth Institute
SDG Advocate under UN Secretary General António Guterres*

Professor Jeffrey Sachs is a University Professor and Director of the Center for Sustainable Development at Columbia University, where he directed the Earth Institute from 2002 until 2016.

He is also Director of the UN Sustainable Development Solutions Network and a commissioner of the UN Broadband Commission for Development. He has been advisor to three United Nations Secretaries-General, and currently serves as an SDG Advocate under Secretary General António Guterres. He spent over twenty years as a professor at Harvard University, where he received his B.A., M.A., and Ph.D. degrees.

He has authored numerous bestseller books. His most recent book is *Ages of Globalization: Geography, Technology, and Institutions* (2020). Sachs was twice named as Time magazine's 100 most influential world leaders, and was ranked by The Economist among the top three most influential living economist.



ASSOCIATE PROFESSOR CHEN JIT ERN

Head, Jeffrey Sachs Center on Sustainable Development

Dr Chen heads the Jeffrey Sachs Center on Sustainable Development at Sunway University.

Dr Chen obtained his PhD in Plant Sciences from University of Cambridge. His primary research interest is in the development and utilisation of genetic engineering techniques and molecular tools on various microalgae, to study the underlying mechanisms for physiological traits such as lipid accumulation and heat tolerance.

His previous Post-Doctoral position was in KAUST, Saudi Arabia, studying the potential for increased heat-tolerance in Zooxanthellae (*Symbiodinium microadriaticum*), the photosynthetic coral endosymbiont, native to the Red Sea.

His current project in Sunway University is a continuation of this work, with a particular emphasis on the study of heat-activated Zooxanthellae retrotransposons.



PROFESSOR AGAMUTU PARIATAMBY

*Professor, Jeffrey Sachs Center on Sustainable Development
High-Level Foreign Expert, Ministry of Science and Technology, China*

Before joining the Jeffrey Sachs Center on Sustainable Development, Sunway University, Professor Agamuthu was a Senior Professor at University of Malaya for 44 years specialising in Solid and Hazardous Waste Management. He is currently the World Top 2% Scientist in Environmental Sciences by Stanford University.

Since 2018, he has served as a Visiting Professor at Zhejiang University of Technology, Hangzhou, China, and is a High-Level Foreign Expert for the Ministry of Science and Technology, China. Professor Agamuthu is also a Fellow of the Academy of Sciences, Malaysia, and chairs the International Consultative Committee on Waste-to-Energy.

He serves as the Senior Editor-in-Chief of Waste Management & Research (WM&R), a prominent international journal headquartered in Amsterdam. In addition, he is an International Advisory Board Member for WM&R and an Editorial Board Member for several renowned international journals, including the Journal of Material Cycles and Waste Management. He holds the prestigious title of Honorary Life Member of the International Solid Waste Association (ISWA).

His ongoing research projects include a UK-funded NERC initiative on marine plastics and plastic migration studies using eBottles, a study on waste reduction in Sunway malls, and a collaborative project between Universitas Indonesia and Sunway University focusing on campuses as city labs.

WHO YOU WILL BE WORKING WITH (CONTINUED)



United Nations chosen destination for Sustainable Development Goals in Asia



PROFESSOR NOORUL AINUR MOHD NUR

Professor of Practice, Jeffrey Sachs Center on Sustainable Development

Prof. Tan Sri Dr Noorul Ainur Mohd Nur has 38 years of experience in the Malaysian public sector and was the Secretary General of Ministry of Higher Education (2016 – 2018); Secretary General of Ministry of Science, Technology and Innovation Malaysia (2014 – 2016); and Secretary General of Ministry of Women, Family and Community Development Malaysia (2010-2014).

She headed the World Trade Organisation (WTO) Unit under the Ministry of Finance Malaysia. She was also the Senior Project Coordinator at the Economics Centre at the Institute of Public Administration (INTAN), as well as an in-house lecturer on international economics, poverty, gender, globalisation and human resource development. In the international arena, she served as the Senior Advisor in the Southeast Asia Group for the World Bank in Washington D.C. (2006-2008).

She was also the Malaysian representative to the ASEAN Commission on the Promotion and the Protection of the Rights of Women and Children (ACWC) (2010-2014). She was appointed Vice-President of Intergovernmental Council of the Management of Social Transformations Programme of UNESCO for Asia and the Pacific region (2013-2015). She also served as President of Science Commission, United Nations Educational, Scientific and Cultural Organisation (UNESCO) from 2015 to 2017.



ASSOCIATE PROFESSOR DR KEAT HOE YEOH

Associate Professor, Jeffrey Sachs Center on Sustainable Development

Yeoh Keat Hoe is currently an Associate Professor at the Jeffrey Sachs Center on Sustainable Development, Sunway University. He obtained his BEng degree in electrical engineering from Universiti Teknologi Malaysia in 2005. Subsequently, he completed his MEng in Microelectronics from Multimedia University in 2010 and was awarded a PhD in Physics from the University of Malaya in 2014.

From 2015 to 2023, he held the position of Assistant Professor in the Lee Kong Chian Faculty of Engineering and Science at Universiti Tunku Abdul Rahman. Prior to entering academia, he amassed over 5 years of experience as an engineer in the energy, electronics and semiconductor industries.

Presently, his research focuses on atomistic modelling of surface properties for energy storage and conversion, as well as Monte Carlo modelling of charge transport in semiconductors.

He is a registered professional engineer with the Board of Engineers Malaysia (BEM) and holds corporate membership (MIEM) with the Institute of Engineers Malaysia (IEM) and a member of the Royal Society of Chemistry (MRSC).



ASSOCIATE PROFESSOR DR. SHARAREH POUREBRAHIMABADI

SDGs Focus



Dr Sharareh Pourebrahim is an accomplished educator and researcher with expertise in sustainable land-use dynamics, ecosystem services, ecosystem resilience, and nature-based solutions. With over 20 years of academic experience, she has made significant contributions to sustainability science, particularly in addressing challenges related to clean water and sanitation (SDG 6), climate action (SDG 13), and life below water (SDG 14).

Dr Sharareh earned her PhD in Environmental Management and Planning from Universiti Putra Malaysia. Her academic journey also includes an MSc in Environmental Planning and Management from the University of Tehran, along with numerous postdoctoral certifications emphasising sustainable development practices and interdisciplinary research methods. Her groundbreaking research on decision support systems for spatial land-use planning earned her the prestigious UNESCO-Keizo Obuchi Award in 2009.

Dr Sharareh's research intersects biocapacity, ecological footprint, and integrated water management in sensitive ecosystems such as the Lake Urmia Basin and urban wetlands in Southeast Asia. Dr Sharareh's scholarly output includes publication in top-tier scientific journals, addressing topics such as ecosystem service valuation, strategic spatial planning, and community-based conservation. She has led numerous national and international research projects focused on enhancing ecosystem resilience and implementing nature-based solutions to sustainability challenges.

As an educator and mentor, Dr Sharareh has supervised over 50 master's and 20 doctoral students, fostering future leaders in sustainability. She is also a sought-after speaker at global conferences and high-level forums, where she shares her expertise in ecosystem service accounting, sustainable forestry, and strategic environmental assessments.

Her ongoing research projects focus on evaluating the ecosystem services of urban wetlands in Southeast Asia and integrating community-based approaches into water and biodiversity conservation strategies.

WHO YOU WILL BE WORKING WITH (CONTINUED)



United Nations chosen destination for Sustainable Development Goals in Asia



ASSOCIATE PROFESSOR DR ABUL BASHAR BHUIYAN

SDG Focus



Abul Bashar Bhuiyan is an Associate Professor at the Jeffrey Sachs Center on Sustainable Development (JSC), Sunway University, Selangor, Malaysia. With over 15 years of experience in academic research, supervision, and postgraduate teaching, he has contributed significantly to several leading Malaysian institutions, including his roles as a Senior Lecturer at Universiti Malaysia Perlis (UniMAP) and Universiti Utara Malaysia (UUM), an AACSB-accredited university, as well as Universiti Selangor (UNISEL). He earned his PhD from the Institute for Environment and Development (LESTARI), National University of Malaysia (UKM). His research expertise lies in Islamic microfinance, multidimensional poverty alleviation, and sustainable livelihoods.

Dr Bhuiyan is internationally recognised for his contributions, with over 150 scholarly articles presented and published in refereed journals, indexed conference proceedings, and book chapters. He is ranked among the top-cited researchers globally in the field of Islamic microfinance. To date, he has successfully supervised 15 PhD. candidates to completion, with several others currently pursuing their research under his guidance.

Dr Bhuiyan serves as the Chief Editor of the International Journal of Shari'ah and Corporate Governance Research and is a member of the editorial boards of several prominent journals, including the Journal of Islamic Economics, Banking and Finance, International Journal of Islamic and Middle Eastern Finance and Management, World Journal of Economic and Finance, International Journal of Contemporary Applied Sciences, Journal of Business and Management Research, and the Pearl Journal of Management, Social Science, and Humanities. His academic contributions and leadership continue to advance knowledge in his fields of specialisation.



DR SARAH NELUM RAJIKI WIJESINGHE

SDGs Focus



Dr Sarah N.R. Wijesinghe is a senior lecturer at the Jeffrey Sachs Center on Sustainable Development, Sunway University, Malaysia. Before joining JSC, she served as a lecturer at University of Lincoln, UK and Taylor's University, Malaysia. She earned her degrees in the UK and Malaysia, including a PhD in the field of politics of tourism. Her work as an interdisciplinary critical researcher explores the intersections of gender, tourism, critical sustainability, education, colonialism, and decolonisation.

A leading scholar in the tourism community, Sarah has been the recipient of several awards including best paper awards for her work in tourism and pro-environmental behaviour and decolonising the tourism academia. She is the author of 20+ academic publications, including a non-fiction memoir, titled 'The Illusions of Freedom', that sheds light into the fallacies of neoliberal academia, and how it shapes academic practices in Asia.

In her time as an academic, she has delivered a series of talks, trainings and presentations across Asia & Europe, and led a 'decolonising the curriculum' initiative at the University of Lincoln.



WHO YOU WILL BE WORKING WITH (CONTINUED)



United Nations chosen destination for Sustainable Development Goals in Asia



PROFESSOR WONG CHIN HUAT

*Professor, Governance Studies Division, Jeffrey Cheah Institute on Southeast Asia
Professor, Jeffrey Sachs Center on Sustainable Development*

Professor Wong is a political scientist at both Jeffrey Sachs Center on Sustainable Development (JSC) and Jeffrey Cheah Institute on Southeast Asia (JCI) at Sunway University. Trained as a comparativist in University of Essex, UK, he specialises in electoral system and party system.

A long-term advocate for electoral reform in Malaysia through the civil society-based Coalition for Clean and Fair Elections (Bersih), he now leads the clusters on electoral system and constituency delimitation in the Malaysian Government's Electoral Reform Committee (ERC).

Beyond political institutions, Wong also studies identity politics and leads an annual survey on Malay-Muslims in Malaysia, Nadi Melayu-Muslim, funded by Germany's Friedrich Ebert Stiftung (FES). Wong's political insights are featured in international and domestic media in English, Chinese and Malay, including New York Times, Project Syndicate, Aljazeera, Malaysiakini, Astro and The Initium (Hong Kong). He has also published books on Malaysian politics in English and Chinese.



PROFESSOR TS DR.-ING LAU SIAN LUN

*Professor
Department of Smart Computing and Cyber Resilience*

Professor Lau Sian Lun received both his MSc and Dr.-Ing. at the University of Kassel, Germany, where he worked as a full-time researcher since 2004. He has contributed and managed various German national as well as EU-funded projects, such as the EU FP6 MobiLife, the ITEA S4ALL, the BMBF MATRIX and the EU FP7 SEAM4US.

He joined Sunway University in 2013. He currently holds the role of Deputy Dean (Internationalisation) at the School of Engineering and Technology.

He has published over 80 publications in conferences, workshops, book chapters as well as journals. His research interests include ubiquitous computing, sustainable smart city, context-awareness and applied machine learning.

He is currently a senior member of the Institute of Electrical and Electronics Engineers (IEEE) and serves as the Vice-chair of the IEEE Computer Society Malaysia Chapter (2023/24)



DR SALLY ANNE MALAR S PARAMANATHAN

*Teaching Fellow
English for Specific Academic Purposes*

Sally's research focus is Sociology, where urban identity is studied through a qualitative lens. Apart from gender, age is also the identity marker that is used, enabling an inter-generational understanding of lived reality. At Sunway University, Sally was part of a research team on active ageing in 2021, and is currently studying young people in a team project called Future Cities.

In learning and teaching, Sally's background is in Literature and Discourse Analysis, also with identity as the focus. Her current focus in classroom engagement include the practice of reflexivity, and the use of audio technology.



DR SAGATHEVAN KUPPUSAMY

*Director - Science and Engineering Resources, Sunway College
Adjunct Principal Teaching Fellow, Sunway University*

KS Sagathevan is a highly experienced lecturer with over 30 years of teaching experience and holds a PhD from University Malaya. He is currently the Director of the Science and Engineering Resources Department at Sunway College, where he manages the operations of 14 Science labs conducting practical for 6 pre-university programmes.

Dr Sagathevan's interests lie in various fields of science such as ecology, marine, biology, biodiversity and taxidermy. He has set up the Biological Specimen Collection, Aquarium lab, Pet House with exotic pets, and pond with water lilies and aquatic plants. His latest initiative involves the establishment of a Highland Plant Conservatory that houses rare and endangered carnivorous plants.

He is currently the Adjunct Principal Teaching Fellow in the Master in Sustainable Development Management programme in JSC – Sunway University.

WHO YOU WILL BE WORKING WITH (CONTINUED)



PROFESSOR LIM WENG MARC

Dean and Professor, Sunway Business School

Professor Lim Weng Marc, PhD, is the Dean of Sunway Business School. He also serves as the Editor in Chief of Activities, Adaptation and Aging (Routledge), Global Business and Organizational Excellence (Wiley), and International Journal of Quality and Innovation (Inderscience), as well as an Associate Editor of Journal of Business Research (Elsevier) and Journal of Strategic Marketing (Routledge).

Professor Lim is an award-winning multipotentialite who is ranked in the Top 2% of Scientists in the World based on the Science-wide Author Database developed by Elsevier BV and Stanford University in 2020 and 2021. He is also the Record Holder for "Youngest Professor" in the Malaysia Book of Records (MBR) since 2020, and an Honoree of the 2019 Ten Outstanding Young Malaysians by Junior Chamber International (JCI).



PROFESSOR SHANDRE MUGAN THANGAVELU

Head, Jeffrey Cheah Institute on Southeast Asia
Senior Fellow, Jeffrey Sachs Center on Sustainable Development

Professor Shandre is the Head of the Jeffrey Cheah Institute on Southeast Asia at Sunway University. He is also the Trade Advisor to the Minister of Commerce, Ministry of Commerce, Kingdom of Cambodia. For his contribution to Cambodia's trade and development, Professor Shandre was awarded the Royal Order of Sowathara Commander. Before his appointment at the Institute, he was a Regional Director at Centre for International Economic Studies at the Institute of International Trade and the Director of the Asia Growth Research Centre at the University of Adelaide. He is an active researcher on human capital development, technology transfer, foreign direct investment, trade, government infrastructure investment, productivity and economic growth.

He has written extensively on ASEAN integration, FDI, human capital development, technology transfer and economic growth and has published his research in major international journals. He has written several books on trade, investment, integration and outsourcing in Asia. He has also worked on several international projects commissioned by UNDP, World Bank, ASEAN Secretariat, APEC, and Asian Productivity Organization (APO).



United Nations chosen destination for Sustainable Development Goals in Asia



PROFESSOR YEAH KIM LENG

Professor and Director, Economics Studies, Jeffrey Cheah Institute on Southeast Asia
Professor, Jeffrey Sachs Center on Sustainable Development
Professor of Economics, Sunway University Business School

Professor Yeah is a Professor and Director of the Economic Studies Programme at the Jeffrey Cheah Institute on Southeast Asia at Sunway University. He holds a Bachelor of Science degree in forestry and a PhD in Agricultural and Resource Economics.

His research interests span development economics, monetary economics, capital markets and industry studies. These topics reflect his previous experiences as an economic analyst at a national policy think-tank, a chief economist at a credit rating agency and a lead consultant at an economics consultancy services subsidiary. His current project at the Jeffrey Sachs Center focuses on tax systems and structures and their effects on fiscal sustainability, economic growth and income inequality.

He is currently the Deputy President of Malaysian Economic Association (MEA) and a former external member of the central bank's Monetary Policy Committee.

WHO YOU WILL BE WORKING WITH (CONTINUED)



United Nations chosen destination for Sustainable Development Goals in Asia



DR DAVID L.A. GAVEAU
Visiting Professor

David Gaveau is a landscape ecologist who conducts extensive research on deforestation and forest fires in Equatorial Asia and the Siberian Arctic. His research focuses on the drivers and impacts of deforestation and fires, with a particular emphasis on the use of satellites and geospatial analysis to understand patterns, trends and causes in forest loss and fire spread. His work has been instrumental in highlighting the role of agriculture, especially oil palm plantations, as a major driver of deforestation in Equatorial Asia.

He has published over 60 scientific papers in high-impact journals on topics ranging from causes and consequences of deforestation and fires to commodity and agroforestry mapping and protected area effectiveness evaluations. He is ranked among the top three scientists in the field of Ecology and Evolution in Indonesia. He frequently engages in popular media to ensure his scientific findings are translated into a language the public and policymakers can access.

His work has generated many media stories, that reached several million people. David builds the Nusantara Atlas platform that provides detailed real-time and historical information on land use, forest cover, and land cover change in Equatorial Asia. It aims to promote sustainable land use management and prevent deforestation in the country by informing policies, decision-making, and public opinion about the causes and consequences of tropical deforestation. The system verifies the legality of deforestation, helps buyers of commodities source responsibly, and evaluates the effectiveness of environmental policies.

He has extensive field experience in Indonesian protected areas. He has a broad research network and collaborative partnerships with NGOs and conservation scientists in Southeast Asia, the US, and Europe.



DR LIM JIA JIA
*Visiting Principal Teaching Fellow
Assistant Professor*

Dr Lim Jia Jia is Assistant Professor in Supply Chain Management & Sustainability. Her research uses both qualitative and quantitative methods to examine intersections between strategy, inter-firm collaboration, and technology for sustainability.

She has published journal articles in ABS-4, ABS-3 and ABDC A* & A: International Journal of Operations & Production Management, Industrial Marketing Management, Journal of Business Research and International Journal of Production Economics and 2 book chapters. She also served as a junior editorial review board member at Journal of Supply Chain Management (ABS-4).

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