



AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY

UNESCO CHAIR IN FUTURES STUDIES

Anticipation for Sustainability and Wellbeing PROGRESS REPORT 2021/2022

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ABOUT THE UNESCO CHAIR

The UNESCO Chair in Futures Studies is a continuation of being formerly held at the Islamic University of Science Malaysia (USIM) in the past four years where the core narrative was the move from planting seeds of foresight to creating a forest of foresight, passing by nurturing young trees. The forest, focused on the Asia-Pacific region, is being initiated for the upcoming years.

The current phase has been cultivating, vitalising, and growing the forest, to make it self-sustaining. This means nurturing, gardening, and ensuring all the trees are linked at the root level. With the International Islamic University Malaysia (IIUM) being a larger university and the Chair being located at the Sejahtera Centre for Sustainability and Humanity (SC4SH), the forest can expand, strengthen, and grow in novel ways.

From planting seeds of foresight to creating a forest of foresight...

As a node dedicated to increasing futures literacy of its stakeholders and learners, IIUM aims to promote an integrated system of research, teaching, and community-building. The dissemination of information and documentation in Futures Studies as well as on social and human sciences offers the opportunity to shed light on the particular link between the study of anticipatory systems and processes and Sustainability. It facilitates collaboration between hiah-level internationally recognised researchers and teaching staff of the University and other institutions of Malaysia, the Asia Pacific. and other regions of the world. Specifically, the Chair continues to focus on the Asia-Pacific Futures Network (APFN). develop and expand the field of Futures Studies through training in methods and tools, enhance sectoral links and prepare and publish case studies of foresight, and work closely with UNESCO programmes and activities as well as relevant Chairs.

OUR TEAM



Sohail Inayatullah | Professor Chair Holder

Political scientist and futurist scholar. He currently teaches at the Graduate Institute of Futures Studies College of Education, Tamkang University, New Taipei City, Taiwan. He is also an associate at Melbourne Business School, University of Melbourne, Australia as well as a researcher and instructor at Metafuture.org. Since 2016, he has been the UNESCO Chair holder, previously hosted by the Islamic University of Science Malaysia (USIM). He is a fellow of the World Futures Studies Federation, the World Academy of Art and Science, the International Advisory Council of the World Future Society, the Darwin Project, and the Lifeboat Foundation.



Dzulkifli Abdul Razak | Prof. Emeritus Tan Sri Dato' Rector of IIUM

Rector of the International Islamic University Malaysia (IIUM). He is the Immediate Past President of the International Association of (IAU) based in Universities UNESCO, Paris, after serving as its 14th President (2012-2016). He had served as the 3rd Chairperson, Board of Directors. Islamic University of Science Malaysia (USIM) (2016-2018), the 5th Vice-Chancellor/President of the University of Science Malaysia (USM) (2000-2011) and the World Health Organisation (WHO) Expert Advisory Panel on Drug Policy and Management (1995-2010). He is the 1st Asian to receive the prestigious 2017 Gilbert Medal and the 7th internationally from Universitas 21.



Ahmad Faris Ismail | Prof. Dr. Co-Chair Holder

Professor and the Deputy Rector (Academic and Internationalisation) at IIUM. He was the Deputy Rector (Research & Innovation) from July 2009 until June 2013 at the same university. He served as the Dean of Engineering from 1997 until 2009 and as the Co-Chairman of the Malaysian Council of Engineering Deans from 2007-2009. He obtained his B.Sc. in Chemical Engineering, in 1988, from the University of Houston, Texas, USA, and his Ph.D. in Engineering from Rice University, USA, in 1993. Prof. Ismail received the Federation of the Universities of the Islamic World's Tribute - 'Personality Having Contributed to the **Development of Islamic University** Education' in 2008.

OUR TEAM

Zainal Abidin Sanusi | Assoc. Prof. Dr.

Director, Sejahtera Centre for Sustainability and Humanity

Director of Sejahtera Centre for Sustainability and Humanity, IIUM. He is an Associate Professor at the Department of Political Science, Kulliyyah of Islamic Revealed Knowledge and Human Science. Prior to this post, he served as Minister Council (Education) at Malaysian High Commission, London, and as Deputy Director, the Centre for Leadership Training at the Higher Education Leadership Academy of the Ministry of Education Malaysia. His area of academic specialization is governance and education for sustainable development. His current research interests are Sustainability Science, Education for Sustainable Development, and Public Policy Analysis.





Idayu Mumtaz Iskandar | Ms.

Administrative Officer, Sejahtera Centre for Sustainability and Humanity

Administrative officer of the Secretariat of the UNESCO Chair in Futures Studies hosted at Sejahtera Centre for Sustainability and Humanity, IIUM. She received her bachelor's degree from IIUM, majoring in Usul Al-Din and Comparative Religion and minoring in Economics. For two consecutive years, she joined the executive committee in the aforementioned university's students' representative council then acted as the Vice President of the students' union.

Sejahtera Centre for Sustainability and Humanity

Host of the UNESCO Chair in Futures Studies at IIUM

As the International Islamic University Malaysia (IIUM) embarked on a journey of making change and creating impact for sustainability through its Whole Institution Transformation (WIT) with the strategic mission of humanising education through Sustainable Development Goals and Maqasid Ash-Shariah (Basic Human Needs of Existence), the centre was established in 2019 to champion the transition and transformation process towards sustainable development and mainstream the agenda to the whole IIUM community.



FOREWORD

by Dzulkifli Abdul Razak (Prof. Emeritus Tan Sri Dato'), Rector of IIUM



Universities can no longer ignore our indispensable position in driving collective consciousness to save humanity in the face of sustainable development challenges post-pandemic. Hosting the UNESCO Chair in Futures Studies at IIUM is a statement that we are committed to consolidating international cooperation and networking among higher educational institutions in the region to realise the Global Goals as well as reiterating futures literacy as a key area of competency for every institution to bring about sustainability and wellbeing.

Our species may have coped with COVID but we must not be complacent. Pivotal lessons from the pandemic are here to stay - that ethics and values such as equity, fairness, and justice must be embedded in our progression as humankind as rigorous as the pursuit of advancement in science and technology - if not more. To vitalise a future-proof education ecosystem, we must bring back its missing essence - that is a soul.

While sustainable development as a concept has been propagated over 35 years ago since the Brundtland Report, its spirit has existed in many local wisdoms since time immemorial. The indigenous perspective on sustainability in our region, namely the Sejahtera approach, calls for balance through the framework of preserving the five aspects of existence: life, intellect, lineage, wealth, and faith. This framework underscores the subliminal dimension to sustainability that is spirituality. Spirituality will enhance the comprehensiveness, connectedness, universality, inclusion, and transformative ambition that the Sustainable Development Goals (SDGs) mean to achieve.

Fueled by the principle of becoming mercy to all the worlds, IIUM has embarked on the journey of envisioning its preferred future which involved our relevant stakeholders in the university and was incorporated in the strategic planning of every level of the institution. Towards becoming an Oasis of Knowledge by 2040, IIUM aspires to yield students who will be co-producers of knowledge, welcome more students hailing from all around the world who will return to their homelands as impactful agents of change, and create graduates that act as vicegerents and servants of God by contributing to the community in the real sense. As an institution, we hope that IIUM will also transform in the sense of having greater academic freedom and autonomy in the financial and political aspects which can be realised by being funded by the public through endowment, commanding and operating on their trust and confidence. With these dynamics, IIUM in the future will be like a tree with firm roots deep in the earth that grows tall reaching the sky and produces fruits all year round.

Celebrating the first year of the UNESCO Chair in Futures Studies at IIUM, we hope that our current and potential partners in the network will support and join in the movement to rethink and synergise to put spirituality at the heart of the global context of sustainability, not only in the religious sense but as an indigenous heritage and tradition that need to be treasured.

INTRODUCTION

by Sohail Inayatullah (Professor), Chair Holder



From a world of Zoom in technology but slow in daily life to a world of face-toface requiring movement through multiple time zones is how I would describe the transition from 2021 to 2022. It is not just where we engage in Futures Studies that has changed but that the world has accelerated and so has the interest and use of the future. Futures Studies and futures literacy as General Anita Hazenburg, Director of the Centre for Strategy at INTERPOL has said, has gone from a function that is nice to have to a capability that every international organization must have.

Being part of this acceleration has been purposeful at IIUM and SC4SH. Our purpose is not just to focus on futures that are fascinating – new technologies and disruptions to the geo-political system – but futures that include the soul. This means moving from the gross domestic product (GDP) and a fascination with gadgets to a shift toward wellbeing, or a world of the quintuple bottom line: prosperity, purpose, people, and planet created through partnerships. They are bottom lines in that they can be measured – accountants and those that manage regulatory systems can thus be satisfied.

Projects that the UNESCO Chair attends to are those that can make a difference. There is no guarantee that research, workshops, and speeches do make a difference, but they need to have the possibility of changing the rules that govern institutions. We hope whether at WHO, FAO, UNESCAP, ADB, OECD, the Prince Mahidol Foundation, the Government of New Zealand, and many others we have worked with that we have been part of the social change process. We are thrilled that the UNESCO Chairs in Futures Literacy, Futures Studies, and Anticipation in the region are increasing. Numbers will create the possibility of greater impact – a coherent voice that can give attention to the long-term in the region. Next year, the regional organisation, the Asia-Pacific Futures Network (APFN) that serves to coordinate foresight activities in the region will hold its conference in Kuala Lumpur. Join us.

Asia Pacific Futures Network (APFN) Conference

September 27, 2022 • SC4SH, IIUM hosted the Kuala Lumpur Day of the 8th APFN Conference. The programme occurred in other world cities including Seoul, Bangkok, Taipei, Manila over five days. The focus was on moving through and creating post-COVID remedies and realities. The conference partly built on the UNESCAP project 'Asia-Pacific Futures 2040: Raising ambitions for a healthy environment'. The theme for the Kuala Lumpur Day was 'Civilisational Approaches'.



Credit: APFN Secretariat

UNESCO Chair in Futures Studies

Anticipation for Sustainability and Wellbeing

Foresight Projects and Workshops

June 2021 • Prof. Sohail facilitated workshops involving members of the Chief Science Advisors Forum of the Government of New Zealand as well as other government officials to envision the long-term futures for wellbeing in Aotearoa, New Zealand. The outcomes were published as a report entitled <u>'Visions of Wellbeing for Aotearoa New Zealand 2050-2070'</u>.

November 2021 • Prof. Sohail advised and led the foresight workshops organised by United Nations Economic and Social Commission for Asia and the Pacific towards designing <u>'Asia-Pacific Futures in 2040: Raising Ambitions for a Healthy Environment'</u>.

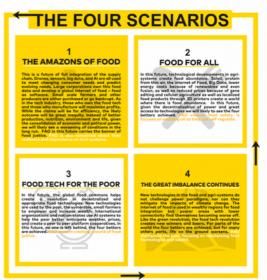
November 8-9, 2021 • Assoc. Prof. Dr. Zainal led a workshop on 'Reimagining Futures Programme: Futures Thinking and Scenario Planning' organised by the Training and Competency Management Unit, Human Resource Division, the Ministry of Housing and Local Government Malaysia. The participants were empowered with futures knowledge and skills in the context of local housing affairs and governance.

2021 • Prof. Faris was invited as a judge at the 'Next Generation Foresight Practictioners' Programme which accelerates the transformation of the next generation of changemakers using foresight as a key tool to envision inclusive and equitable futures globally. The programme has over 500 members from more than 80 countries.

February 22, 2022 • Prof. Sohail led a workshop on health futures organised by Futurely which outcomes were summarised in a video entitled <u>'What would the world be like in 2040 if we eradicated NCDs altogether?'</u> (Credit to Adam Sharpe). It was funded in partnership with The Prince Mahidol Award Conference, Thai Health Volunteer Foundation, CMB Foundation, and The United Nations Population Fund (UNFPA).

April 12-14, 2022 • Prof. Sohail led a workshop with the Food and Agriculture Organization (FAO) on 'Creating Alternative and Preferred Futures in Agrifood Systems'. Global experts who attended explored the implications of emerging technologies and social innovations on food and agrifood systems. UNESCO Chair partner Metafuture was represented by Dr. Ivana Milojević, who is the main writer of the report.

Table (bottom-right): A conclusion on the outcomes of the scenarios from the foresight activities carried out with the FAO



Foresight Projects and Workshops

May 24, 2022 • Prof. Sohail led an all-day workshop on 'Indigenous Eye Care Futures' which was co-organised by the University of Melbourne, Fred Hallows Foundation, and Australia Optometry. The focus was on prevention and the use of new technologies for early eye disease detection. All strategies argued that participants needed to be co-created and to pass through indigenous knowledge lenses. A peak body for indigenous eye care is the first step, suggested participants in the backcasting part of the exercise.

May 2022 • Prof. Sohail worked closely with Brunei's Centre for Strategic and Policy Studies (CSPS) on a Masterclass Course Series in Strategic Foresight and Strategic Planning. The fiveday workshop was part of the programme which had three components. The course is taught by CSPS academics and public policy experts and research presentations by Brunei leaders. It is held regularly throughout the year as part of an annual executive development training course following their strategic planning development process, incorporating systems thinking and narrative approaches and embracing whole-of-nation and anticipatory governance. The Sejahtera Centre evaluates the papers from the workshop.

May 2022 • Prof. Sohail led workshops at the Australian Police Management Institute, CLA and Law Enforcement, Manley, Australia.

May - September 2022 • Prof. Sohail led a foresight project with Organisation for Economic Co-operation and Development (OECD) on creating a curriculum map for futures studies in Paris. This was for the government of Ireland's public service.

June 2022 • Prof. Sohail led an expert workshop for the Australia and New Zealand (ANZ) bank on institutional investing and foresight. This was to prepare the corporation for the changing world of tech entering banking.

September 19-20, 2022 • Prof. Sohail was invited by World Health Organisation (WHO) Mongolia to instruct a virtual workshop series on health futures using causal layered analysis to develop new narrative for health in the region, moving from narratives that were preventing change to narratives that could enlist leaders in creating new futures for the region.

2022 • Prof. Sohail played an advisory role at the expert briefing for the International Criminal Police Organization (INTERPOL).

2022 • Prof Sohail wrote the framing chapter for a new book on Islamic Futures. It is part of a project initiated by the Islamic World Educational, Scientific and Cultural Organization (ICESCO).



Infectious Futures: Reflections, Visions, and Worlds Through and Beyond COVID-19 (2021)

The book edited by Prof. Sohail together with Dr. Jose Ramos, Dr. Peter Black, and Dr. John Sweeney brings together 28 essays, articles, and conversations from leading scholars and thinkers from around the world, who explore the existential questions that COVID-19 confronts us with, and who analyse and imagine how we may navigate this crisis to create preferred futures. This book challenges many of the core assumptions of our era and invites us to see this moment as peculiar and transitory – and ripe with the potential for change. Amid the loss and grief is the possibility for renewal, as new visions emerge and lead to experiments and new pathways.

The Futures of Korea and Asia 2040: Ten Things that will Change the World - Korean Edition (2021)

The book was originally translated from the English-version 'Asia 2038' with a new introduction, Co-authored by Prof. Sohail and Lu Na, it acknowledges that Futures thinking as a critical skill has been strengthened by the COVID pandemic for every institution and entity. Employing emerging issues analysis, causal layered analysis, and scenarios, the book identifies four futures of Asia. It also details out Asia's transformation and how disruptions such as new technologies and dramatic climate change would influence its trajectories towards 2040.





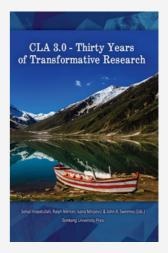
Books

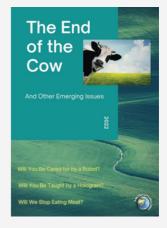
CLA 3.0: Thirty Years of Transformative Research (2022)

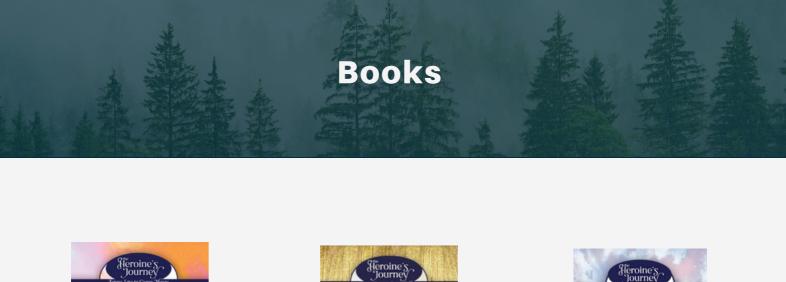
The CLA Reader was published in 2004 and covered articles on causal layered analysis from 1994-2004. CLA 2.0 followed suit in 2015 focusing on new applications in theory and methodology. CLA 3.0 celebrates the last thirty years of theory and practice; innovation and application. In this volume, the authors investigate varied topics such as conflict, education and learning, environment and sustainability, economy and society, city, and science and technology. The book consists of twenty-six chapters written by forty-seven authors.

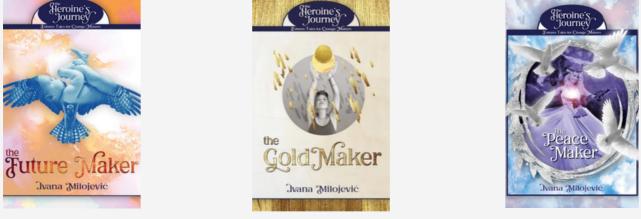
The End of the Cow: And Other Emerging Issues (2022)

The book is co-authored by Prof. Sohail Inayatullah and Prof. Ivana Milojević, a partner from Metafuture.org, 2022 This book explores five emerging issues that have the potential to dramatically impact wellbeing, food systems, climate change, gender equity, the family, and how we learn. It consists of six chapters: Emerging Issues Analysis the Anticipatory City Disrupting the Cow Women Really Lead the Way the Changing Family Learning Anytime, Anywhere, With Anyone.









Book Series: The Heroine's Journey: Futures Tales for Change Makers of All Ages (2022)

The Chair worked closely with Dr. Ivana Milojevic and Metafuture, a key partner with the Chair in developing a series of futures fiction books titled, The Heroine's Journey. These books, promoted as books for change makers of all ages, include the Future Maker, The Gold Maker, and the Peace Maker. They recently won an award from the Association of Professional Futurists. Ideally, more futures fictions from other regions of the world will be published.

About 'The Future Maker': Inga, more than any other, can see the fiery future that awaits the world, yet she must undertake a Heroine's Journey before she can save the future from burning. And so she sets forth on a quest to do that which she has been born to do. But will we listen? A tale for our times that must be told.

About 'The Gold Maker': Sophia might have a foolish father, but she also has a clever mind. When the King demands she bend to his will, Sophia uses her gift of sight to create a Kingdom of Light. A story to delight and instruct.

About 'The Peace Maker': Miki and Kiki are like sisters everywhere. BUT they have a secret. They never EVER Argue or Fight! How did they learn to live in Peace with each other and the world around them? Follow them through the Magic Mirror and find out!

Keynote Speeches, Conference Presentations, and Lectures

July 6, 2021 • Prof. Faris deliver a keynote speech on 'Development of Stable Nanofluids for Heat Transfer Enhancement Applications' at the International Conference on Recent Advances in Sustainable Energy Research organised by the University of Science Malaysia.

November 22, 2021 • Prof. Sohail was one of the panelists in a discussion at the Webinar on 'Imagining Post-COVID Education Futures'. It was organised by Centre for Genocide Studies, University of Dhaka (CGS, DU) and Friedrich-Ebert-Stiftung, Bangladesh.

January 19, 2022 • Prof. Sohail presented on 'Emerging Change in the Asia-Pacific Region' and spoke in the panel discussion at a Webinar in conjunction with the Health Futures Strategic Dialogue organised by the World Health Organization (WHO) Regional Office for the Western Pacific Region.

January 31, 2022 • Prof. Sohail delivered a keynote speech entitled 'Better Than A Crystal Ball – Health Futures in Transition' at the Inauguration of the Third Annual Healthcare Management Conference organised by the Goa Institute of Management, India. It was covered on News Patrolling – <u>GIM's annual Healthcare Management Conference reinforced that technology is</u> revolutionising the Indian healthcare sector and is fast proving to be a gamechanger

January 31, 2022 • Prof. Faris delivered a presentation entitled 'Shaping the Futures Towards Sustainability' at the International Conference on Futures Thinking Towards Sustainable Development Goals (ICFTSDGs) organised by the Cagayan State University of the Philippines.

July 11-13, 2022 • Prof. Sohail delivered a keynote speech at the (K)new Leadership Convening of the Atlantic Fellows. With reference to an article entitled <u>'The Invisible Hand Or Inclusive</u> Flow? The Futures Of The World System', the focus was on the futures of the world system, leading directors and board members through a visioning session to develop the vision of the Atlantic Fellows. The Fellows focused on programmes for health and social equity.

October 11, 2022 • Prof. Sohail delivered a speech entitled 'Educational Futures in Times of Disruption' as one of the speakers for Plenary Session 2, under the theme of 'Climate Justice at the Heart of Inclusive and Sustainable Cities' at the International Conference on Innovative Education in an Era of Change organized by World Human Rights Cities Forum Secretariat, Gwangju International Center, Gwangju, South Korea. Gwangju Metropolitan City. The forum was co-hosted by the Office of the High Commissioner for Human Rights and UNESCO.

August 13, 2021 • Prof. Sohail wrote an article entitled <u>'Creating a New Renaissance: Can Responses to Covid-19 Pivot us to a Transformed World?</u> that is published in the Journal of Futures Studies.

October 13, 2021 • Prof. Sohail wrote an article entitled <u>'The Pawn That Roars, Selfies And</u> <u>Amusement Parks, Or Localism And Soft Islam: The Futures Of Afghanistan</u>' that is published in the Journal of Futures Studies.

2021 • Prof. Sohail wrote an essay entitled <u>'Can we pivot to a new renaissance?'</u> for Expo 2020, Dubai, United Arab Emirates which was published on the World Majlis Series Website.

January 2, 2022 • Prof. Sohail contributed to a news write-up entitled 'Regional Goals Met: Greener, Fairer, Cleaner Asia vision achieved. What's next?' for the OneDayin2050 Project for Climate Change Activation organised by the OneDayin2050 Secretariat.

February 15, 2022 • Prof. Sohail wrote a monograph on 'Anticipation to Emancipation: Toward a Stage Theory of the Uses of the Future'. The work moves toward a stage theory of the uses of the future. It deepens the Six Pillars framework and accompanying tools (scenarios, causal layered analysis, visioning) by inquiring which methods and tools are appropriate for which national, institutional, organizational and personal contexts.

August 25, 2021 • Prof. Sohail was a speaker at a <u>Webinar in conjunction with the Health</u> <u>Futures Forum: Shaping the Future of Health</u> organised by the World Health Organization (WHO) Regional Office for the Western Pacific Region. The talk was on the ways in which past pandemics have catalyzed radical change and contributed to further entrench inequalities, "who's not in the room" when decisions about the future of health, wellbeing, and health systems are made, and how in addition with other change drivers such as the push for wellbeing or urbanization, the COVID-19 pandemic could be a unique opportunity to shift towards more inclusive and more efficient health systems.

September 21, 2022 • An Interview with Prof. Sohail was later published as a piece with the title <u>'The Future Becomes A Space for Reinvention'</u> in the Diplomacy&Commerce Magazine.

Celebration of World Futures Day

The following events were organised by SC4SH, IIUM in collaboration with the International Relations Division of the Ministry of Higher Education Malaysia (MOHE):

December 3, 2021 • A Webinar on Decolonising and Redesigning the Futures of Higher Education was co-organised with the University's Management Services Division (MSD). The event brought together leaders of several Malaysian universities to revisit the university ranking system and its relevance in the post-COVID era. The presentations focused on discussing and developing an alternative appraisal system for university performance called the Communiversity which is defined by five elements i.e. integrated knowledge / transdisciplinarity, community transformation and leadership, institutional collaboration, sustainable entrepreneurship, and responsible research and innovation. Prof. Sohail was one of the keynote speakers.

December 10, 2021 • A Short Story Writing Competition was co-organised with The Good Society, a youth-based non-governmental organisation. The event served as a platform that encourages children and young people across the country to share their unique perspectives and analyses on futures through storytelling. It fostered one's creative, imaginative, and critical thinking in creating a future that favors sustainability and well-being. Prizes worth over 7,000 MYR were awarded to the winners.

January 14, 2022 • Youth Futures Webinar was co-organised with The Good Society where promising young leaders presented their inspiring community transformation projects and exchanged best practices and visions around sustainability and well-being. With the theme 'Circle of Changemakers', the guest speakers who are experienced on the grassroots level discussed their ideas, obstacles, priorities, and prospects in their respective fields which were education, economy, environment, empowerment, and intellectualism.

June 18, 2022 • Regional Workshop on 'Futures and Foresight: Designing RCE for 2050' was organised as part of the effort to synthesize these two areas of competency in the event. It will bring together members of the RCEs who are representative of the regions to envision and articulate the futures of RCEs in 2050 through collective brainstorming, designing, and recommendations using the futures wheel.

October 27, 2022 • The Great Edu-Action Debate (GEAD) was organised as a platform for national experts and experienced figures to offer pertinent insights towards a better Malaysian education system. The focus was "actionable knowledge" - learning by doing to nurture good deeds and character.

December 2, 2022 • The 'Spirituality in Sustainability Symposium: Designing Sustainable Futures with A Soul' was organised with the aim to highlight the importance of balancing the aspect of humanity, spirituality, and sustainability in development amid the dominantly technocratic assumptions of the future. Global experts were invited to have dialogues that shift from secular to spiritual; industrial to sustainability; future to futures generations; WEIRD to WISE; nation-state to global governance; exclusive to deep ummah; city design based on power and capital to city design based on creating community and spirituality.



Contact

Secretariat of the UNESCO Chair in Futures Studies (Anticipation for Sustainability and Wellbeing)

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