

PROGRAM SCHEDULE

DAY 1: 25TH NOVEMBER 2025 (TUESDAY)

OPENING CEREMONY

Time		Venue
0730-0830	Registration and arrival of guests	Auditorium Sekafi, Galeri Azman Hashim
0830-0840	Welcoming Speech YBrs. Prof. Ts. Gs. Dr. Rodeano Roslee, P.Geol Dean, Faculty of Science and Technology, Universiti Malaysia Sabah	
0840-0900	Opening Address YBhg. Prof. Datuk Dr. Kasim Hj Mansor,JP Vice-Chancellor, Universiti Malaysia Sabah	
0900-1000	Forum: <i>Bridging Conservation, Community, and Circular Economy : From Local Stewardship to Global Resource-Efficient World</i> Panelists: Datuk Stephen Sampil Chairman, MANTAP (Moyog Agroindustry & Tourism Park) Prof. Dr. Justin Sentian Professor, Faculty of Science and Technology, UMS Assoc. Prof. Dr. Fiffy Hanisdah Saikim Director, Institute for Tropical Biology and Conservation, UMS Moderator: Assoc. Prof. Dr. Vun Leong Wan	
1000-1030	Photo session and tea break	
1030-1100	Poster Presentation Session	Verandah, Auditorium Sekafi, GAH

PROGRAM SCHEDULE

DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY)

CLOSING CEREMONY (VIRTUAL)

Time		Venue
1630	Arrival of Participants	VIRTUAL
1635	Closing Speech Assoc. Prof. Ts. Dr. Sazmal Effendy Arshad Chairman SANREM 2025	
1645	Closing Montage	
1655	Photo session	
1700	End of the Closing Ceremony	

PROGRAM SCHEDULE

DAY 1 : 25TH NOVEMBER 2025 (TUESDAY)

POSTER PRESENTATION

TIME : 10.30-11.00 AM

PLACE : VERANDAH, AUDITORIUM SEKAFI, GALERI AZMAN HASHIM

ID	TITLE	POSTER BOARD NO.
EMG56-PF	PROF. IR. DR. HASFALINA CHE MAN Universiti Putra Malaysia (UPM) Valorization of Calcined Crushed Waste Concrete for Phosphate Reduction in Synthetic Wastewater	1
NRS11-PF	ASSOC. PROF. DR. LEONG SENG LIM Universiti Malaysia Sabah (UMS) Exploring the Use of <i>Acetes</i> spp. in Aquaculture Feeds: Proximate and Amino Acid Profile of a Local Resource	2
NRS12-PF	MS. YEW JUN LIM Universiti Malaysia Sabah (UMS) Biochemical Characterization of <i>Loligo</i> sp. From Kota Kinabalu Wet Market for Aquafeed Applications	3
NRS16-PF	ASSOC. PROF. DR. ANNITA SEOK KIAN YONG Universiti Malaysia Sabah (UMS) An Overview on Gut Content of <i>Scylla</i> spp. Mud Crabs: Implications for Species-Specific Feed Development in Aquaculture	4
NRS43-PF	PROF. DR. EMMANUEL OGUEJI Alex Ekwueme Federal University Ndufu-Alike Abakaliki, Nigeria Evaluation of ameliorative potential of ascorbic acid on <i>Clarias gariepinus</i> exposed to sub-acute emamectin benzoate, using multiple biomarkers	5
NRS87-PF	MRS. HAZERINA PUNGUT Universiti Malaysia Sabah (UMS) Geological Heritage Resources of Kudat Coastal Area, Sabah	6

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DAY 1: 25TH NOVEMBER 2025 (TUESDAY)

SESSION 1-A (ORAL PRESENTATION-PHYSICAL)

Time	Session 1-A (Auditorium Sekafi, Galeri Azman Hashim)
	Natural Resources, Environmental Awareness/Pollution/Management Chairperson: Assoc. Prof. Ts. Dr. Sazmal Effendi Bin Arshad
1100-1120	NRS42-OF MS. NUR AZREEN ARBI Universiti Malaysia Sabah (UMS) Phytochemical Characterization and Antioxidant Profiling of <i>Moringa oleifera</i> from Sabah
1120-1140	NRS90-OF TS. DR. MOHAMAD ZUL HILMEY MAKMUD Universiti Malaysia Sabah (UMS) Electrical Field Stress Assesment of Nanocellulose/ Epoxy Nanocomposite Dielectric Systems Using FEM
1140-1200	EAS89-OF ASSOC.PROF. DR. MOHD KHALIZAN SABULLAH Universiti Malaysia Sabah (UMS) Global Research Trends and Malaysia's Potential in Phytomining for Sustainable Metal Recovery
1200-1220	EMG74-OF DR. MOHD AL FARID ABRAHAM Universiti Malaysia Sabah (UMS) Soil Carbon Reference Value (SCRV) of Kulapis Formation in Telupid, Sabah
1220-1240	EMG39-OF ANGELICA DARUNDAY Mindanao State, University-Iligan Institute of Technology Philippines Assessing the Prevalence of Illegal, Unreported, and Unregulated Fishing in Municipality of Talusan, Zamboanga Sibugay, Philippines
Lunch Break	

PROGRAM SCHEDULE

DAY 1: 25TH NOVEMBER 2025 (TUESDAY) SESSION 1- B (ORAL PRESENTATION-PHYSICAL)

Time	Session 1-B (Auditorium Sekafi, Galeri Azman Hashim)
	Natural Resources, Environmental Awareness/Pollution Chairperson: Assoc. Prof. Dr. Assis Kamu
1400-1420	EMG46-OF MS. NAJIHA AMER Mindanao State University-Iligan Institute of Technology Philippines Up in the Air: Elevational Patterns of Microplastics and Associated Heavy Metals in the Urban Atmosphere
1420-1440	EMG48-OF TIMOTHY JAN ADEL Mindanao State University - Iligan Institute of Technology Philippines Conservation Assessment of Two Endemic Marine Ornamental Fish Species of Pomacanthidae and Bleniidae in the Philippines
1440-1500	ENP47-OF JADE RAE MINISTERIO Mindanao State University-Iligan Institute of Technology Philippines Beyond the Surface: Airborne Microplastics and Heavy Metal Co-pollutants in Indoor and Outdoor Air
1500-1520	EMG50-OF NORLIKA MOTI Mindanao State University - Iligan Institute of Technology Philippines Comparative Assessment of Local Responses to Illegal, Unreported, and Unregulated Fishing in Alicia, Talusan, Olutanga, and Mabuhay, Zamboanga Sibugay, Philippines
1520-1540	NRS13-OF MS. DAYANG NAJWA DATU BORHAN Universiti Malaysia Sabah Anticandidal Activity in Randomly Sampled UMS Plant Species Toward the Identification of Lead Candidates
	END OF CONFERENCE DAY 1

PROGRAM SCHEDULE

DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY) PARALLEL SESSION 2 (ORAL PRESENTATION-VIRTUAL SESSION)

Time	Session 2-A	Session 2-B	Session 2-C	Session 2-D
	Natural Resources Chairperson: ASSOC. PROF. ChM. DR. MOH PAK YAN	Environmental Pollution/Natural Resources Chairperson: ASSOC. PROF. DR. SAAFIE SALLEH	Environmental Management Chairperson: ASSOC. PROF. ChM. TS. DR. MOHD SANI SARJADI	Environmental Awareness/ Environmental Economy Chairperson: DR. SATURI BACO
0900-0920	NRS36-OV DR. RUBIA IDRIS Universiti Malaysia Sabah (UMS) Green Conversion of Palm Biomass to Biofuel through Microwave Pyrolysis for Environmental Sustainability	ENP59-OV TS. DR. NURUL SHAHADAHTUL AFIZAH ASMAN Universiti Malaysia Sabah (UMS) Sustainability Assessment of Green Paver Blocks Using Industrial By- products: A Life Cycle	EMG9-OV DR. FARRAH ANIS FAZLIATUL ADNAN Universiti Malaysia Sabah (UMS) Spatial Assessment of Heavy Metals in Seawater, Sediment, and Bivalve Mollusks Along Sabah's West Coast	EAS40-OV MS. AINUR FATIN NABILA BINTI ROSELEE Universiti Malaysia Sabah (UMS) Photographic Identification of Sea Turtles in Mabul Island, Sabah, Malaysia
	NRS37-OV DR. SITI AISHAH MOHD ALI Universiti Malaysia Sabah (UMS) Evaluation of Selected Element Composition in the Leaves of Two Roselle Varieties Cultivated Under Different Types of Soil Media	ENP61-OV PROF. DR. MD LUTFOR RAHMAN Universiti Malaysia Sabah (UMS) Polymers Ligands Derived from Waste Fiber for Eco- Friendly and Efficient Removal of Toxic Metals from Water	EMG14-OV MS. NURHAMIEZRAH BINTI MIDIN Universiti Malaysia Sabah (UMS) From Blue Cast to Clarity: Reviewing Color Channel Methods in Underwater Image Restoration	EEC45-OV ASSOC. PROF. DR. ASSIS KAMU Universiti Malaysia Sabah (UMS) Renewable Energy, Economic Growth, and CO ₂ Emissions in ASEAN: A Panel Data Analysis
0940-1000	NRS82-OV DR. HENNIE FITRIA WULANDARY SOEHADY ERFEN Universiti Malaysia Sabah (UMS) Engineering Soil Characteristics and Subsurface Profile Analysis of Garinono and Kulapis Formations Along Jalan Sapi Nangoh, Beluran	ENP73-OV MS. HARTINIE MARBAWI Universiti Malaysia Sabah (UMS) Bioadsorption of Glyphosate from Aqueous Solutions Using Raw Spent Coffee Grounds	EMG17-OV MS. SOLLYANTIENNA EDWARD Universiti Malaysia Sabah (UMS) Environmental Management for Sustainable Construction in Malaysia: A Review	EEC64-OV MR. HANAFI YUSOP TNB Research Sdn. Bhd. Field Evaluation of Waste-Derived Flowable Fill from Coal Ash for Shallow Underground Cable Trenches in Malaysia

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DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY) PARALLEL SESSION 2 (ORAL PRESENTATION-VIRTUAL SESSION)

Time	Session 2-A	Session 2-B	Session 2-C	Session 2-D
	Natural Resources Chairperson: ASSOC. PROF. ChM. DR. MOH PAK YAN	Environmental Pollution/ Natural Resources Chairperson: ASSOC. PROF. DR. SAAFIE SALLEH	Environmental Management Chairperson: ASSOC. PROF. ChM. TS. DR. MOHD SANI SARJADI	
	NRS 55-OV	NRS28-OV	EMG20-OV	
1000-1020	DR. FAUZE MAHMUD Universiti Malaysia Sabah (UMS) First Report of Antimalarial Bioactivity of Nataxazole	CORNELLIA GEOFFREY Universiti Malaysia Sabah (UMS) Silanization Effect on the Performance of Dye- Sensitized Solar Cells (DSSCS)	DR. SUJJAT AL AZAD Universiti Malaysia Sabah (UMS) Spatial Distribution of Dissolved Inorganic Nutrients and Chlorophyll-A in Darau River Estuary, Kota Kinabalu, Sabah, Malaysia	
	NRS57-OV	NRS49-OV	EMG22-OV	
1020-1040	MS. NOR RASYIDAH ABDUL WAHAB Universiti Malaysia Sabah (UMS) Utilization of <i>Araceae Juss.</i> (Alismatales) Plants by the Community on the Border of Kinabalu Park, Sabah; and Its Impact on the Araceae Ecosystem	EDMUND EGILIP Universiti Malaysia Sabah (UMS) Interfacial Engineering of TiO ₂ Photoanodes with Silane Coupling Agents for Improved DSSC Performance	MS. ARINA BINTI ISMAIL Universiti Malaysia Sabah (UMS) Landslide Susceptibility Mapping in Kundasang, Sabah: An Infinite Slope Model Approach	
	NRS58-OV	NRS51-OV	EMG24-OV	
1040-1100	DR. SABRINA SOLOI Universiti Malaysia Sabah (UMS) Sacha Inchi: A Plant-Based Alternative to Fish Oil with High Antioxidant and Nutritional Value	JEFANY JOEL DAPANIS Universiti Malaysia Sabah (UMS) UV-Vis Analysis of Temperature-Induced Aggregation Changes in Anthocyanin-Based Natural Dyes from Mangosteen, Blackberry, and Dragon Fruit	ASSOC. PROF. DR. ROZAIMI ZAKARIA Universiti Malaysia Sabah (UMS) Adaptive Type-2 Fuzzy Interpolation Bezier: A Unified Approach for Uniform and Non-Uniform Complex Data	

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DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY) PARALLEL SESSION 2 (ORAL PRESENTATION-VIRTUAL SESSION)

Time	Session 2-A	Session 2-B	Session 2-C	Session 2-D
	Natural Resources Chairperson: ASSOC. PROF. ChM. DR. MOH PAK YAN	Environmental Pollution/ Natural Resources Chairperson: ASSOC. PROF. DR. SAAFIE SALLEH	Environmental Management Chairperson: ASSOC. PROF. ChM. TS. DR. MOHD SANI SARJADI	
1100-1120	NRS60-OV DR. SITI NUR ANISA BINTI MOHAMAD MAIDIN Universiti Malaysia Sabah (UMS) Mineralogical and Petrographic Study of Tropical Process in the Kulapis Formation, Sandakan, Sabah	NRS92-OV DR. ISMAWATI PALLE Universiti Malaysia Sabah (UMS) Effect of Reaction Time and Isocyanate Index on <i>Acacia mangium</i> Polyol-Based Polyurethane Films	EMG25-OV ASSOC. PROF. DR. ROZAIMI ZAKARIA Universiti Malaysia Sabah (UMS) From Fuzzification to Defuzzification: A Streamlined Type-2 Fuzzy Bezier Model Eliminating Type-Reduction	
1120-1140	NRS27-OV DR. MOHD HAFIZ ABD MAJID Universiti Malaysia Sabah (UMS) Comparative Study of Selected Cocoa Pods, Shells, and Beans of Different Clones for Bioactive Properties from KKIP Kota Kinabalu, Sabah	NRS52-OV MR. JOBIT SULANGI Universiti Malaysia Sabah (UMS) Physicochemical Properties of Edible Bird's Nest (EBN) After Freeze-Drying	EMG41-OV ROSALIA HUGO Surigao Del Norte State University, Surigao City, Philippines Assessment of the Water Sources in Surigao City Island Communities Based on Microbial and Physicochemical Parameters	
1140-1200	NRS30-OV MR. MOHAMMAD YADIY FIKRIY MAHATHIR Universiti Malaysia Sabah (UMS) Comparative Analysis of Antioxidant Potential in Kelulut Honey from Different Regions in Borneo Natural Resources	NRS53-OV MR. IVAN GIGGS BIN FLORENCE Universiti Malaysia Sabah (UMS) Enhancing the Efficiency of Natural dye- sensitized Solar Cells (NDSSCs) Through Acid Treatment on TiO ₂ -FTO Glass Substrate	EMG54-OV DR. KAMILIA SHARIR Universiti Malaysia Sabah (UMS) Machine Learning for Pipeline Geohazard Risks in Sabah	

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Time	Session 2-A	Session 2-B	Session 2-C	Session 2-D
	Natural Resources Chairperson: ASSOC. PROF. ChM. DR. MOH PAK YAN		Environmental Management Chairperson: ASSOC. PROF. ChM. TS. DR. MOHD SANI SARJADI	
1200-1220	NRS62-OV MR. ARNOLD MARSHALL MOLUJIN Universiti Malaysia Sabah (UMS) Anticancer Properties of Bacteriocin-like Inhibitory Substances from <i>Lactococcus</i> <i>lactis</i> Gh1 against HCT-15 colorectal cell line		EMG63-OV MS. SARAH HANIM SAMSUDIN TNB Research Sdn Bhd Rapid Building Mapping using Spectral Index Method and Low- cost UAV RGB Image for Disaster Management	
1220-1240	NRS65-OV MS. MELISSA SHARMAH GILBERT JESUET Universiti Malaysia Sabah (UMS) Different Deinking Concentration Effects on Nitrocellulose Made from Recycled Newspaper		EMG91-OV TS. RECHARD LEE Universiti Malaysia Sabah (UMS) Evaluating YOLOv8 for Incipient AI-Driven Fire Detection: Robustness to Illumination Variance versus Fire-Like Visual Artefacts	
1240-1300	NRS66-OV DR. ROZIELA HANIM ALAMJURI Universiti Malaysia Sabah (UMS) Physicochemical and Antifungal Properties of Boron-Tanni Complexes for Rubberwood and Laran Protection			
1300-1400	Lunch Break			

PROGRAM SCHEDULE

DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY) PARALLEL SESSION 3 (ORAL PRESENTATION-VIRTUAL SESSION)

Time	Session 3-A	Session 3-B
	Natural Resources Chairperson: ASSOC. PROF DR. RAHMATH ABDULLA	Environmental Management Chairperson: ASSOC. PROF DR. SITI RAHAYU MOHD HASHIM
1400-1420	NRS67-OV DR. NUR SYAZWANA MUNZANI Universiti Malaysia Sabah (UMS) Distributional Significance of <i>Fissidens dubius</i> (Bryophyta: Fissidentaceae) in Peninsular Malaysia	EMG2-OV PROF. TS. DR. RODEANO ROSLEE Universiti Malaysia Sabah (UMS) Embracing ESG: Facilitating Mining Exploration and Improving Sustainability
1420-1440	NRS68-OV DR. JUNAIDI ASIS Universiti Malaysia Sabah (UMS) Biostratigraphy Analysis of Bumi-5 Well Data from Malaysian-Thailand Joint Authority (MTJA): Potential of Seal Layer for Carbon Capture and Storage	EMG71-OV TS. TUAN NUR ATIKAH TUAN MOHD NOR TNB Research Sdn. Bhd. Assessment of Feature Delineation Accuracy from Digital Elevation Model using R-Stats Modelling
1440-1500	NRS69-OV DR. NOR AIFAT BINTI A. RAHMAN Universiti Malaysia Sabah (UMS) Behaviour Ecology of <i>Trachypithecus cristatus</i> in Kinabatangan Wildlife Reserve	EMG75-OV DR. RODNEY PETRUS BALANDONG Universiti Malaysia Sabah (UMS) Comparative Validation of Pyblinker Against BLINKER for Eye-Blink Detection in EEG
1500-1520	NRS70-OV DR. ROBIN AH HEE LIM Universiti Malaysia Sabah (UMS) Evaluating Basalt Amendment Effects on Height and Yield of Gonsilou Upland Rice Under Variable NPK Fertilisation	EMG80-OV MS. FATIN FAIQA NORKHAIRI TNB Research Sdn. Bhd. Leveraging Geospatial Intelligence for Disaster Preparedness and Community Resilience: A Case Study of Downstream Dam Communities in Malaysia
1520-1540	NRS72-OV TS. DR. ROSLINA JAWAN Universiti Malaysia Sabah (UMS) Evaluation of the Prebiotic Potential of Freeze- Dried Soluble Dietary Fiber through In Vitro Fermentation by Probiotic Lactic Acid Bacterium, <i>Lactobacillus</i> <i>pentosus</i> A6	EMG81-OV TS. DR. HARDIANSHAH SALEH Universiti Malaysia Sabah (UMS) Geoelectrical and Seismic Characterization of Neogene Sedimentary Rock at Eastern Part of Klias Peninsular, Sabah

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DAY 2: 26TH NOVEMBER 2025 (WEDNESDAY) PARALLEL SESSION 3 (ORAL PRESENTATION-VIRTUAL SESSION)

Time	Session 3-A	Session 3-B
	Natural Resources Chairperson: ASSOC. PROF DR. RAHMATH ABDULLA	Environmental Management Chairperson: ASSOC. PROF DR. SITI RAHAYU MOHD HASHIM
1540-1600	NRS76-OV TS. DR. AHMAD ASNAWI MUS Universiti Malaysia Sabah (UMS) Molecular Profiling of <i>Panaeolus cyanescens</i> from Selected Area in Sabah	EMG83-OV MR. MOHAMAD FAIQ MD AMIN TNB Research Sdn. Bhd. Strengthening Public Preparedness for Dam- Related Disasters through Early Warning Systems: A Case Study of Sayong, Kuala Kangsar
1600-1620	NRS78-OV DR. SUHAINI SUDI Universiti Malaysia Sabah (UMS) Carpaine from Papaya Leaves: A Natural Product with Antioxidant and Immunomodulatory Potential against Colon Cancer	EMG84-OV TS DR. ABU BAKAR ABD RAHMAN Universiti Malaysia Sabah (UMS) Automated CFU Counter for Rapid Fecal Coliform Assessment in Natural Water Resources using Raspberry Pi
1620-1640	NRS79-OV DR. AMMIELLE AKIM KERUDIN Universiti Malaysia Sabah (UMS) In Silico Evaluation of Naturally Derived Compounds as Potential β -Catenin Inhibitors for Colorectal Cancer Therapy	EMG85-OV DR. ROHANA TAIR Universiti Malaysia Sabah (UMS) Water Quality in Ex-Mamut Copper Mining by Using Cluster Analysis
1640-1700	NRS44-OV MS. THE NESDA ROJUIN Universiti Malaysia Sabah (UMS) Karst Features and Fossil Diversity for Geoconservation and Tourism Potential in Sukau, Sabah	EMG86-OV DR. JANICE LYNN AYO Universiti Malaysia Sabah (UMS) Evaluating Morphological Responses to Sand Extraction Using Sediment Transport Modelling in the Sg Kadamaian River, Sabah, Malaysia
1700-1720	NRS88-OV DR. RAFIDAH MD SALIM Universiti Malaysia Sabah (UMS) Sustainable Valorization of <i>Leucaena leucocephala</i> Bark for Eco-Friendly Lignin-Based Particleboard Production	
	CLOSING CEREMONY (VIRTUAL)	