



International Office
Hasanuddin University



WEEKLY NEWS

05-12 OCTOBER, 2026 ISSUE #191



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HASANUDDIN UNIVERSITY GRADUATE SCHOOL HOSTS MALAYSIAN EXPERT TO EXPLORE ELECTRICITY-GENERATING BIOMASS CONCRETE



The Graduate School of Hasanuddin University (UNHAS) hosted an international guest lecture on Monday, 5 October 2026, featuring Assoc. Prof. Ts. Dr. Lee Hoong Pin from INTI International University, Malaysia. Held on Zoom, the lecture explored the potential of biomass-based concrete to generate electricity, introducing an innovative approach to sustainable construction and renewable energy.

Under the theme “Catalyzed Biomass Concrete: A Game Changer for Sustainable Construction through Renewable Energy Resources,” the session was opened by the Dean of the UNHAS Graduate School, Prof. Sukri Palutturi, Ph.D., and moderated by Rufiqah Shari Abidin, Ph.D. In his opening remarks, Prof. Sukri highlighted the importance of international guest lectures in connecting students and academics with global research developments. He also expressed hope for future academic exchanges and research collaboration with Malaysian institutions.

During his presentation, Dr. Lee introduced Catalyzed Biomass Concrete (CBC), an experimental construction material that combines biomass, catalysts, and concrete to explore the possibility of generating electricity. He explained that the research addresses three interconnected challenges: climate change, the construction industry's carbon footprint, and growing global energy demand. By integrating energy-generating capabilities into building materials, the technology could potentially expand the role of conventional construction materials beyond their structural functions.

Dr. Lee further discussed how CBC could complement existing renewable energy technologies, particularly by exploring electricity generation associated with temperature differences. He outlined the research process, including material preparation, biomass and catalyst integration, sample fabrication, and electrical performance testing. The experiments also examine variations in material composition, sample dimensions, and temperature conditions, alongside mechanical testing and material characterization to assess the technology's feasibility.

Highlighting the relevance of the research to Indonesia and Malaysia, Dr. Lee noted that both countries possess substantial biomass resources and growing infrastructure needs. Converting biomass residues into value-added construction materials could create opportunities for resource efficiency and circular economy applications. However, he acknowledged that CBC remains under development, with further research needed to improve its electricity-generation performance and evaluate its potential for practical construction applications.

The guest lecture provided a platform for academic exchange between Indonesia and Malaysia, connecting expertise in material engineering, biomass utilization, and renewable energy innovation. Through international academic engagement, the UNHAS Graduate School continues to encourage research collaboration and expose students to emerging technologies that could contribute to more sustainable construction practices.





FACULTY OF PUBLIC HEALTH HOSTS PROFESSOR FROM MONASH UNIVERSITY TO DISCUSS FUTURE RESEARCH ON CLIMATE- RELATED HEALTH RISKS



Department of Epidemiology at the Faculty of Public Health, Hasanuddin University, hosted a guest lecture entitled “Future Research on Climate Impact on Health” on Friday, 9 October 2026. The event welcomed approximately 100 participants to the Prof. Dr. Nur Nasry Noor Room (K225) at the Faculty of Public Health, Hasanuddin University, for a discussion on climate change, epidemiology, public health, and future research.

The lecture featured Professor Karin Leder, Professor (Research) in Planetary Health at Monash University and Professor (Research) in Epidemiology and Preventive Medicine at Alfred Health, Australia. She discussed how climate change can affect health through multiple pathways, including ecosystem changes, infectious disease patterns, vector behavior, and extreme weather events.

Professor Leder emphasized that climate-related factors often occur simultaneously and can compound one another's effects on health. As she explained, "When you think about the different elements of climate, they're actually all happening at the same time. So the impacts on health are multiplied, they aggravate and amplify each other."

The discussion addressed links between climate change and infectious diseases, including dengue, which is transmitted by *Aedes aegypti* mosquitoes. Changes in temperature and environmental conditions can influence vector breeding patterns, while floods, droughts, and fires may also increase health risks, including respiratory problems associated with declining air quality.

Professor Leder highlighted the importance of mitigation and adaptation, alongside further research into the relationships between climate and health, urbanization, food systems, and infectious diseases. She also underscored the need to develop health systems that are resilient to climate change.

Echoing the importance of collaboration, the Dean of the Faculty of Public Health at Hasanuddin University stated that "complex environmental problems require interdisciplinary collaboration."

The event supports Sustainable Development Goal (SDG) 13: Climate Action by strengthening understanding of climate-related impacts and adaptation, and SDG 3: Good Health and Well-being by highlighting the risks climate change poses to human health. Through this guest lecture, the Department of Epidemiology encourages evidence-based research and interdisciplinary collaboration to address climate change while protecting public health.



FACULTY OF ANIMAL SCIENCE STRENGTHENS INTERNATIONAL TIES WITH UNIVERSITY OF MIYAZAKI, JAPAN



The Faculty of Animal Science at Hasanuddin University (UNHAS) hosted Assoc. Prof. Tadaaki Tokunaga from the University of Miyazaki, Japan, as part of an ongoing initiative to expand academic collaboration, joint research, and human resource development.

Building on prior online discussions, the visit focused on finalizing key academic programs, including undergraduate internships, joint thesis supervision, and double-degree pathways for master's and doctoral students. Both institutions also reviewed progress on existing joint research projects and academic publications.

During his visit, Assoc. Prof. Tokunaga joined an UNHAS research team led by Prof. Rr. Sri Rachma Aprilita Bugiwati for multiday field research in Barru Regency, followed by site visits to research partners in Maros Regency. The agenda also included a general lecture and academic workshops on the UNHAS campus.

Dean of the Faculty of Animal Science Prof. Ir. Syahdar Baba expressed his appreciation for the visit and reiterated the faculty's commitment to deepening international partnerships.

"We are deeply grateful for Assoc. Prof. Tadaaki Tokunaga's visit," Dean Syahdar stated. "We hope to build on our strong foundation, particularly through double-degree opportunities for master's and doctoral candidates."

The meeting was attended by faculty leaders, including vice deans, department chairs, and department secretaries. The visit further strengthens UNHAS's global academic network by turning strategic discussions into active international programs.





FACULTY OF ENGINEERING, HASANUDDIN UNIVERSITY, AND NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE PROVIDE GLOBAL LEARNING EXPERIENCES THROUGH MULTIDISCIPLINARY EDUCATION AND CULTURAL EXCHANGE



The Faculty of Engineering at Hasanuddin University (UNHAS) strengthened their international academic collaboration with Nanyang Technological University (NTU), Singapore, through the NTU-UNHAS Collaborative Multidisciplinary Course on Environmental Challenges, Energy Transition & Sustainability. Held during the first semester of the 2026/2027 academic year, the program combined guest lectures, simulation-based learning, project consultations, field visits, and cultural exchange activities to enhance students' understanding of sustainability and foster cross-cultural engagement.

As part of the collaboration, an international guest lecture was held on Tuesday, 29 September 2026, at the Exhibition Hall, Center of Technology (CoT) Building, Faculty of Engineering, UNHAS. The event opened with remarks by the Dean of the Faculty of Engineering, Prof. Dr. Eng. Ir. Muhammad Isran Ramli, S.T., M.T., IPM., AER., followed by a guest lecture and simulation game featuring Dr. Swati Sharma. The program also included project consultation sessions, allowing students to develop their ideas through direct discussions with the guest speaker and teaching team.

The multidisciplinary course encouraged students to examine environmental challenges and energy transition from various perspectives, connecting engineering, resource management, technological innovation, policy, and social impacts. Through interactive learning and project-based discussions, participants explored how interdisciplinary approaches could contribute to addressing sustainability challenges while gaining experience in an international academic environment.

The program continued with field visits on Wednesday, 30 September 2026, to the Revitalising Informal Settlements and their Environments (RISE) program site and Rappo Indonesia in the Untia area of Makassar. At the RISE site in Kampung Bonelengga/Bulurokeng, participants learned about an international research initiative focused on improving water, sanitation, and community health through green infrastructure. They also observed a domestic wastewater treatment facility developed as part of the program, gaining firsthand insights into community-based environmental management.

The second visit took participants to Rappo Indonesia, a social enterprise that transforms plastic waste into lifestyle and corporate products while empowering women in coastal communities. Students toured the production facilities and observed how discarded plastic materials are processed into products with practical and economic value. Together, the visits demonstrated how sustainability initiatives can integrate environmental management, technological solutions, social entrepreneurship, and community empowerment.

Beyond academic activities, the collaboration included a cultural exchange program scheduled for Thursday, 1 October 2026, as part of NTU's visit to Makassar from 28 September to 2 October 2026. Hosted by the Faculty of Engineering at UNHAS, the activity was designed to bring together students from both universities to share cultural experiences, explore student activities, and strengthen interpersonal connections. These interactions were expected to broaden students' global perspectives and develop their cross-cultural communication and collaboration skills.

Through the integration of multidisciplinary education, experiential learning, and cultural exchange, the UNHAS-NTU collaboration reflects the Faculty of Engineering's commitment to strengthening international partnerships and preparing students to address real-world challenges. The initiative also provides a foundation for continued academic cooperation, encouraging innovative ideas and collaborative projects that contribute to sustainable development.



HASANUDDIN UNIVERSITY HOSTS SCIENTIFIC CONFERENCE ON SUSTAINABLE FOOD SYSTEMS WITH SUPPORT FROM INTERNATIONAL PARTNERS



Hasanuddin University (UNHAS), in collaboration with the World Agroforestry Centre (ICRAF Indonesia), now operating as Landscape Alliance, and the South Sulawesi Provincial Development Planning, Research, and Innovation Agency (Bappelitbangda), hosted Simpul Pangan Nusantara: Scientific Conference on Sustainable Food Systems at the UNHAS Hotel and Convention in Makassar on Wednesday, 7 October 2026. The conference brought together academics, researchers, students, government representatives, and food system practitioners to discuss strategies for strengthening food security and building climate-resilient livelihoods in South Sulawesi.

The conference featured 43 scientific papers and 19 research posters addressing topics ranging from household food gardens and climate-smart agriculture to landscape governance and regional food security policy. Although primarily a regional scientific event, the conference received international support through the Sustainable Landscapes for Climate-Resilient Livelihoods in Indonesia (Land4Lives) initiative, involving international research organizations ICRAF and CIFOR, with funding support from the Government of Canada through Global Affairs Canada.

In her opening remarks, Miss Birnbaum highlighted the environmental challenges facing Indonesia, referring to haze from forest fires that had delayed her flight from Kalimantan and nearly prevented her from arriving on time. She expressed hope that the conference would generate practical solutions to environmental challenges, emphasizing the connections among landscape management, environmental resilience, and sustainable food systems.

The scientific program featured keynote presentations and parallel paper sessions covering four major themes: site-level innovation, agroforestry, and climate-smart agriculture; institutions, gender equality, social inclusion, and community economies; food consumption diversification, local food systems, and community nutrition resilience; and landscape governance, spatial mapping, and policy resilience. Faculty members from the Faculty of Agriculture at UNHAS participated as scientific panelists, contributing to research discussions and facilitating knowledge exchange on sustainable agriculture and food security.

Beyond the scientific sessions, the conference featured “Semeja Makan,” a multistakeholder dialogue bringing together representatives from regional government, food advocacy groups, universities, and student communities. The discussion explored ways to connect scientific findings with local experiences and policy priorities, highlighting the importance of inclusive participation, intergenerational collaboration, and evidence-informed decision-making in developing resilient food systems.

The conference marked the second regional meeting in the Simpul Pangan Nusantara series, following the inaugural event in Kupang, East Nusa Tenggara, on 16 September 2026. Through this initiative, UNHAS reinforced its commitment to advancing agricultural research and strengthening collaboration among academic institutions, government agencies, civil society, and international development partners. The event also underscored the importance of integrating scientific evidence, local knowledge, and community participation to develop sustainable food security strategies in response to climate change.



HASANUDDIN UNIVERSITY GRADUATE SCHOOL EXPLORES UNDERUTILIZED AGRICULTURAL RESOURCES FOR FOOD SECURITY INNOVATION



The Graduate School of Hasanuddin University (UNHAS) hosted an international guest lecture on Tuesday, 29 September 2026, featuring Assoc. Prof. Mansoor Abdul Hamid from Universiti Malaysia Sabah (UMS), Malaysia. Under the theme “Food Innovation from Underutilized Agriculture Materials: Food Security Solution Approach,” the lecture explored how underutilized agricultural resources could be transformed into value-added food products to support food security and sustainable food innovation.

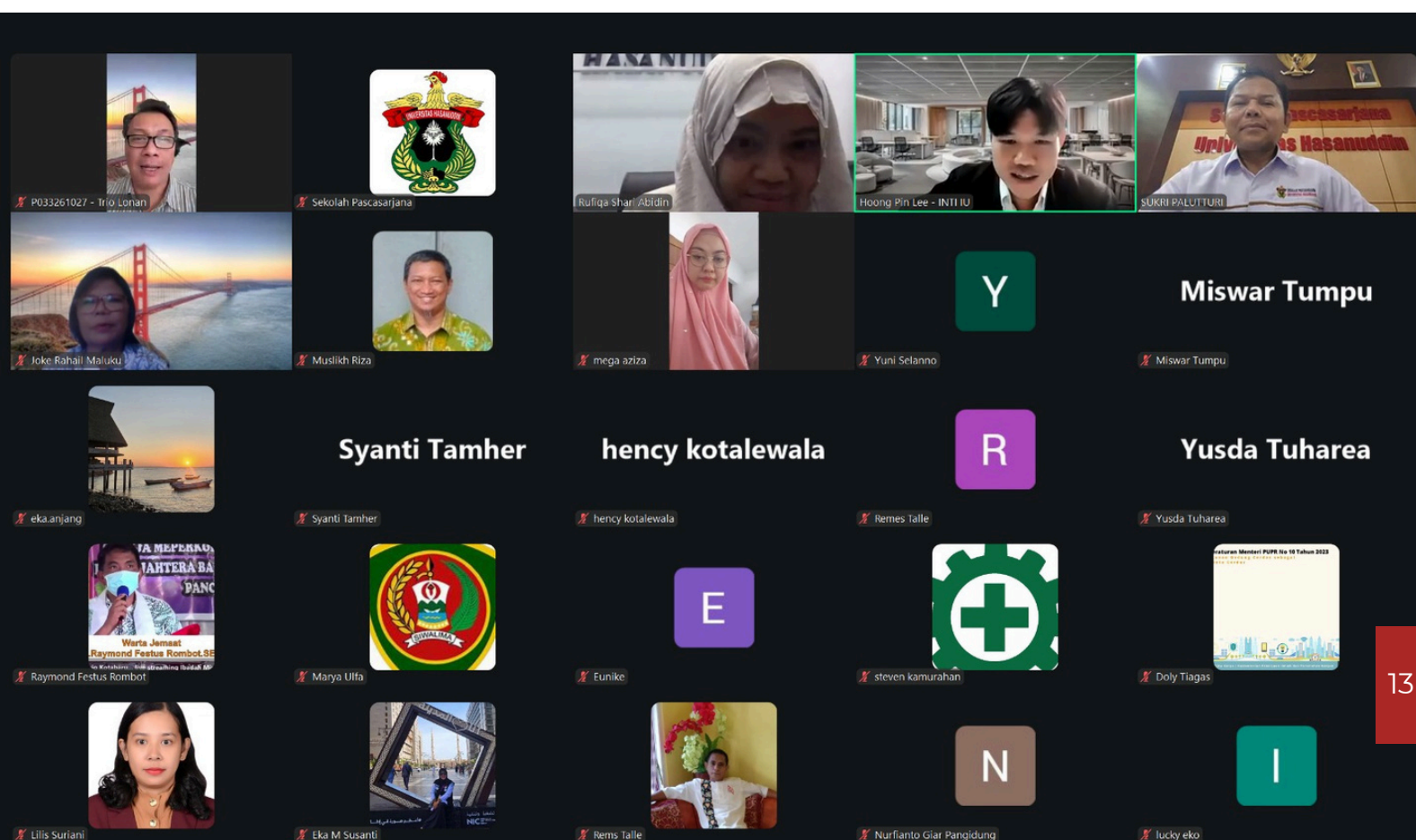
Held in a hybrid format at the Prof. Dr. Ir. Fachruddin Hall, UNHAS Graduate School, and via Zoom, the event brought together academics, researchers, and students to discuss food product development and opportunities for international research collaboration. The session was moderated by Dr. Andi Muliarni Okasa, S.P., and officially opened by Prof. dr. Marhaen Hardjo, M.Biomed., Ph.D., Vice Dean responsible for research, innovation, and cooperation, representing the Dean of the UNHAS Graduate School.

In his opening remarks, Prof. Marhaen emphasized the relevance of food innovation in addressing food security challenges, particularly through the scientific exploration of agricultural materials that remain underutilized. He highlighted the potential for transforming these resources into valuable food products through research and appropriate technologies. He also encouraged stronger academic cooperation between UNHAS and UMS in research, innovation, joint publications, and academic exchanges.

During his presentation, Assoc. Prof. Mansoor discussed the relationship between food availability, accessibility, and utilization, emphasizing that sufficient food production alone does not guarantee food security. He noted that accessibility, food safety, and nutritional adequacy must also be considered when developing sustainable food solutions. Drawing on his research in food science and product development, he highlighted opportunities to convert agricultural resources and processing by-products into innovative food products.

Using jackfruit and mango as examples, Mansoor explained that conventional processing often focuses on the edible flesh, leaving other parts of these fruits relatively unexplored. These underutilized materials could offer opportunities for further investigation into their nutritional properties and potential applications in food production. He also highlighted Indonesia's agricultural diversity as an advantage for developing locally sourced food innovations, while noting challenges related to raw material availability, collection, processing technologies, and the practical application of research findings.

The lecture provided a platform for knowledge exchange between Indonesia and Malaysia on food innovation, agricultural resource utilization, and food security. Through this academic engagement, the UNHAS Graduate School continues to strengthen international collaboration while encouraging research that transforms local agricultural potential into practical and sustainable food solutions.





NINE HASANUDDIN UNIVERSITY SCIENTISTS RECOGNIZED AMONG WORLD'S TOP 2% SCIENTISTS



Prof. Firzan Nainu, S.Si., M.Biomed.Sc., Ph.D., Apt.
Fakultas Farmasi



Prof. Dr. Dahlang Tahir, S.Si., M.Si., Ph.D.
Fakultas Matematika dan Ilmu Pengetahuan Alam



Prof. Andi Dian Permana, S.Si., M.Si., Ph.D., Apt.
Fakultas Farmasi



Prof. Dr. Eng. Mawardi Bahri, M.Si.
Fakultas Matematika dan Ilmu Pengetahuan Alam



Prof. Ir. Andi Dirpan, STP., M.Si.PhD.
Fakultas Teknologi Pertanian



Dr. Heryanto, S.Si., M.Si.
Fakultas Matematika dan Ilmu Pengetahuan Alam



Nurhasni Hasan, S.Si., M.Si., M.Pharm.Sc., Ph.D., Apt.
Fakultas Farmasi



Prof. Dr. Ir. Rohani Ambo Rappe, M.Si.
Fakultas Ilmu Kelautan dan Perikanan



Prof. Dr. Muhammad Alif K. Sahide, S.Hut., M.Si.
Fakultas Kehutanan

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Hasanuddin University (UNHAS) has strengthened its presence in the global research community, with nine of its scientists recognized in the latest World's Top 2% Scientists list, released on Thursday, 8 October 2026. The ranking, developed by Stanford University in collaboration with scientific publisher Elsevier, reflects the growing international visibility of UNHAS researchers. The number of recognized scientists has increased steadily over the past three years, from six in 2024 to seven in 2025 and nine in 2026.

The World's Top 2% Scientists list evaluates researchers' scientific influence using publication and citation indicators derived from the Scopus database, with composite metrics adjusted for different research disciplines. The nine recognized UNHAS scientists represent five faculties: Prof. Firzan Nainu, Prof. Andi Dian Permana, and Nurhasni Hasan from the Faculty of Pharmacy; Prof. Dahlang Tahir, Prof. Mawardi Bahri, and Dr. Heryanto from the Faculty of Mathematics and Natural Sciences; Prof. Andi Dirpan from the Faculty of Agricultural Technology; Prof. Rohani Ambo Rappe from the Faculty of Marine Science and Fisheries; and Prof. Muhammad Alif K. Sahide from the Faculty of Forestry.

Vice Rector for Partnership, Internationalization, and Alumni Affairs, Prof. Suharman Hamzah, Ph.D., emphasized that the increasing number of internationally recognized researchers reflects the university's growing academic visibility. He noted that the achievement extends beyond individual research performance, contributing to the broader recognition of UNHAS across various scientific disciplines. This visibility also creates opportunities to establish research networks with universities and research institutions worldwide.

Prof. Suharman further explained that international recognition could facilitate joint research, collaborative publications, academic supervision, and participation in international academic activities, including external examination. Stronger research networks also benefit students by providing greater exposure to emerging scientific developments and opportunities for cross-institutional academic engagement. At the institutional level, these achievements could enhance the university's academic reputation and expand partnerships with higher education institutions, research organizations, and industry.

UNHAS Rector Prof. Dr. Ir. Jamaluddin Jompa, M.Sc., congratulated the nine scientists, describing their achievements as a reflection of the university's continued investment in developing a supportive academic and research environment. He emphasized that the growing number of internationally recognized researchers demonstrates progress in strengthening the university's research ecosystem. Looking ahead, he encouraged more UNHAS researchers to produce high-quality publications, expand international collaborations, and develop innovations that contribute to national development.

The Rector also stressed that research achievements should extend beyond publications and citations to deliver tangible benefits to society, industry, and national development. He expressed hope that this recognition would motivate the broader academic community, particularly early-career researchers, to pursue scientific excellence with integrity, consistency, and innovation. Through continued investment in research capacity and international collaboration, UNHAS aims to strengthen its position as a globally competitive research university while ensuring that its scientific contributions remain relevant to societal needs.



INTERNATIONAL OFFICE OF HASANUDDIN UNIVERSITY PROMOTES CROSS-CULTURAL CONNECTIONS THROUGH AFL AUSTRALIAN FOOTY DAY



Hasanuddin University (UNHAS), through their Directorate of Internationalization and International Office, collaborated with the Australia-Indonesia Youth Association (AIYA) South Sulawesi Chapter and Speakable Youth to organize “Connecting Through Sport: Australian Footy Day” on Saturday, 10 October 2026. Held at the UNHAS Football Field in Makassar, the event introduced participants to Australian Rules Football (AFL) while promoting cultural exchange, friendship, and people-to-people connections between Indonesia and Australia.

The event featured a training session led by Kyle Taylor, an Australian football player representing the Jakarta Bintang team. During the session, participants were introduced to the fundamentals of Australian Rules Football, including basic techniques, game rules, and teamwork strategies. Through interactive demonstrations and practical exercises, attendees had the opportunity to experience the sport firsthand while developing their skills in a welcoming and collaborative environment. The event was also attended by Isaac Bennett, Consul at the Australian Consulate-General in Makassar, highlighting the role of sports in strengthening cultural understanding and community engagement between the two countries. His presence reflected the importance of initiatives that bring together young people and encourage meaningful connections beyond formal academic and diplomatic settings.

Beyond introducing a popular Australian sport, Australian Footy Day provided a platform for participants from diverse backgrounds to interact, communicate, and build friendships through shared physical activities. The collaboration between UNHAS, AIYA South Sulawesi, and Speakable Youth demonstrated how sports-based initiatives can create opportunities for intercultural learning and strengthen connections among students, youth communities, and international partners. Through this initiative, UNHAS reaffirmed their commitment to promoting international engagement beyond conventional academic activities. By combining sports, cultural exchange, and community participation, the event contributed to stronger Indonesia–Australia relations while encouraging an inclusive campus environment where young people can connect, collaborate, and learn from one another.





HASANUDDIN UNIVERSITY, FACULTY OF PUBLIC HEALTH, STRENGTHENS INTERNATIONAL ACADEMIC COLLABORATION THROUGH JOINT LEARNING WITH NTU SINGAPORE



Hasanuddin University (UNHAS), through the Faculty of Public Health, strengthened their international academic collaboration with Nanyang Technological University (NTU), Singapore, through a joint learning activity on Wednesday, 30 September 2026. Held at the Faculty of Public Health, UNHAS, the session brought together students and academics to explore sustainability, interdisciplinary approaches, and community-based solutions to environmental challenges in informal settlements.

The activity was part of a joint class between UNHAS and NTU, designed to encourage knowledge exchange and multidisciplinary perspectives on sustainability. The session featured the Revitalising Informal Settlements and Their Environments (RISE) Program, with Ansariadi, Indonesia Leader and Chief Investigator of the program, presenting its approaches and contributions to sustainable community development.

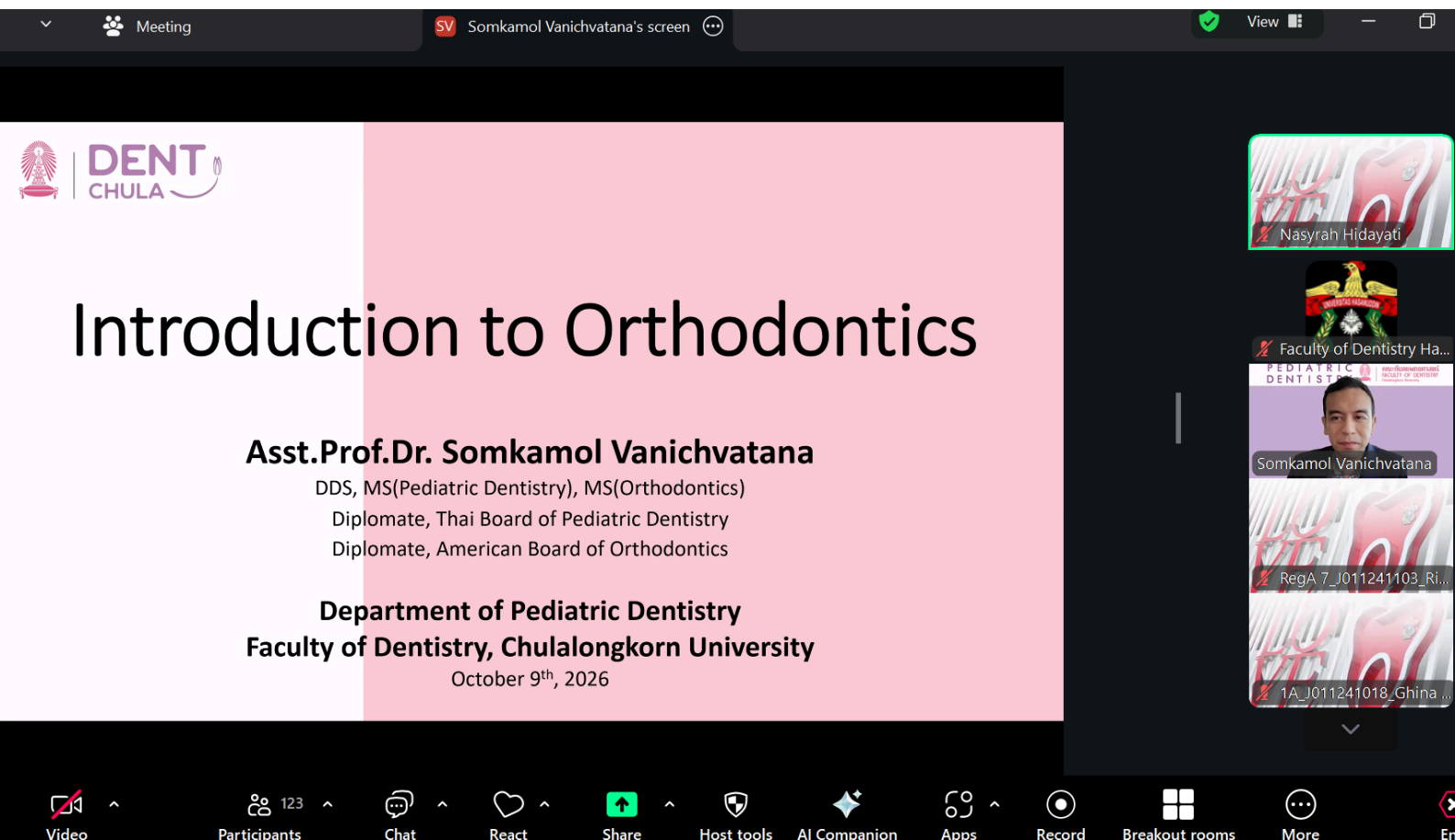
During the presentation, Ansariadi introduced the RISE Program's application of water-sensitive and nature-based solutions in informal settlements in Makassar, Indonesia, and Suva, Fiji. He highlighted how integrated environmental infrastructure can address challenges related to water management, sanitation, and community health while emphasizing the importance of collaboration among researchers, government institutions, and local communities.

Participants also learned about infrastructure developed through the RISE Program, including drainage and access systems, newly constructed and renovated bathrooms, pressure sewer systems, and rainwater tanks. Following the presentation, they visited the RISE laboratory to observe sample collection and testing procedures before continuing to a community site to examine the practical implementation of the program's solutions. These activities provided firsthand insights into how scientific research can be translated into community-based environmental improvements.

The joint learning experience provided opportunities for students and academics from different disciplines to exchange perspectives on environmental health, water and sanitation, community participation, and sustainable development. Through this collaboration, the Faculty of Public Health at UNHAS continues to strengthen international academic partnerships while connecting global research perspectives with local challenges and encouraging interdisciplinary approaches to sustainable community development.



FACULTY OF DENTISTRY, HASANUDDIN UNIVERSITY, HOSTS INTERNATIONAL GUEST LECTURE WITH CHULALONGKORN UNIVERSITY, THAILAND



Meeting Somkamol Vanichvatana's screen View

DENT CHULA

Introduction to Orthodontics

Asst.Prof.Dr. Somkamol Vanichvatana
DDS, MS(Pediatric Dentistry), MS(Orthodontics)
Diplomate, Thai Board of Pediatric Dentistry
Diplomate, American Board of Orthodontics

Department of Pediatric Dentistry
Faculty of Dentistry, Chulalongkorn University
October 9th, 2026

Participants 123 Chat React Share Host tools AI Companion Apps Record Breakout rooms More

Nasyrah Hidayati
Faculty of Dentistry Ha...
Somkamol Vanichvatana
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The Faculty of Dentistry at Hasanuddin University organized an international guest lecture for the Malocclusion course on Friday, October 9, 2026. The International Affairs Office hosted Assistant Professor Somkamol Vanichvatana from Chulalongkorn University at 10:00 a.m. Central Indonesia Time. The speaker presented a session titled "Introduction to Orthodontics" to expand student perspectives on global dental care. The lecture covered fundamental orthodontic concepts and their direct relevance to clinical practice. Students studied contemporary methods to diagnose and manage malocclusion effectively.

This academic engagement demonstrates the ongoing commitment of the faculty to improve educational quality within the international class. The collaboration facilitates critical knowledge exchange between global institutions. Students gain exposure to contemporary developments in dentistry through direct interaction with international scholars. The university consistently expands academic networks to strengthen dental education programs. These strategic initiatives prepare future graduates with the specific competencies required to participate in the global dental community.

Held at 10:00 a.m. Central Indonesia Time (WITA), the lecture was part of the faculty's ongoing efforts to enhance the quality of education in their international class and broaden students' academic perspectives through engagement with international scholars. The session introduced fundamental concepts in orthodontics and their relevance to dental education and clinical practice. Through the lecture, students gained a deeper understanding of orthodontics and its role in diagnosing and managing malocclusion. The participation of an academic from Chulalongkorn University also provided valuable perspectives on orthodontic education, allowing students to explore contemporary approaches to dental care within an international academic context.

The academic engagement highlighted the importance of international collaboration in strengthening dental education and facilitating knowledge exchange between institutions. By involving international scholars in classroom activities, the Faculty of Dentistry at UNHAS continues to enrich students' learning experiences and promote exposure to global developments in dentistry. Through initiatives such as this guest lecture, the faculty reaffirms its commitment to advancing the internationalization of dental education, expanding global academic networks, and preparing graduates with the knowledge and competencies needed to contribute to the international dental community.

CERTIFICATE

07594/UN4.1.22/PK.01.02/2026

Presented to:

Assist. Prof. Dr. Somkamol Vanichvatana, DDS., MS.

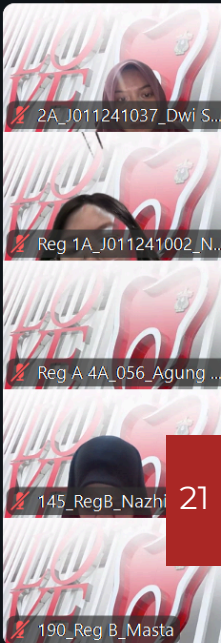
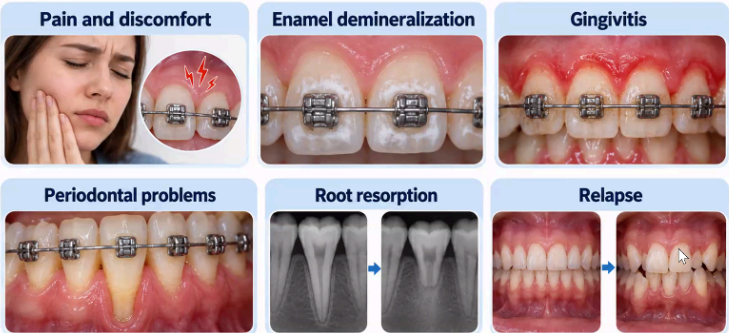
From **Chulalongkorn University, Thailand** as **Speaker** of International Class Guest Lecture for Malocclusion Course held by Faculty of Dentistry, Hasanuddin University on **October 9th, 2026**.



**DENT
CHULA**

Orthodontic Treatment Has Risks

- **Potential risks:**
 - Pain and discomfort
 - Enamel demineralization
 - Gingivitis
 - Periodontal problems
 - Root resorption
 - Relapse



HASANUDDIN UNIVERSITY AND TOKYO UNIVERSITY OF AGRICULTURE EXPLORE AGRIBUSINESS COLLABORATION AND SPICE TRADE OPPORTUNITIES



Hasanuddin University (UNHAS), through their Faculty of Economics and Business (FEB), explored opportunities for academic and research collaboration with Tokyo University of Agriculture (Nodai), Japan, during a meeting in Tokyo on Thursday, 1 October 2026. The discussions focused on strengthening agribusiness cooperation through double-degree programs, student mobility, joint research, and initiatives to expand market opportunities for Indonesian nutmeg and cloves in Japan.

The meeting brought together a delegation of FEB lecturers and Riskina Juwita, Ph.D., Assistant Professor at Nodai's Laboratory of Food and Agricultural Education. Both institutions identified four potential areas of cooperation; establishing a double-degree program in agribusiness, expanding student exchange and short-term mobility programs, advancing joint research projects, and strengthening agricultural trade between Indonesia and Japan. These initiatives aim to connect academic collaboration with practical economic opportunities for Indonesian agricultural producers.

A key discussion centered on increasing the economic value of Indonesian spices through processing, quality assurance, and international market access. Drawing on her doctoral research, Dr. Riskina highlighted that processing nutmeg into oil increased its value per kilogram by approximately twentyfold in one of the regions studied. She also emphasized the importance of meeting international food safety and quality standards. To advance this initiative, UNHAS plans to engage Indonesia's Ministry of Agriculture, while Nodai will coordinate with Japan's Ministry of Agriculture, Forestry and Fisheries (MAFF), toward a follow-up meeting in 2027.

Furthermore, the delegation also introduced ALOPE UNHAS-1, a locally developed broiler chicken strain produced by the UNHAS Faculty of Animal Science. Developed through five generations of selective breeding using native chickens from Gowa, Takalar, and Soppeng, the strain was officially released by Indonesia's Ministry of Agriculture in September 2025. With male chickens reaching approximately 1.4 kilograms within 10 weeks, the innovation presents further opportunities for collaborative research and development between the two institutions.

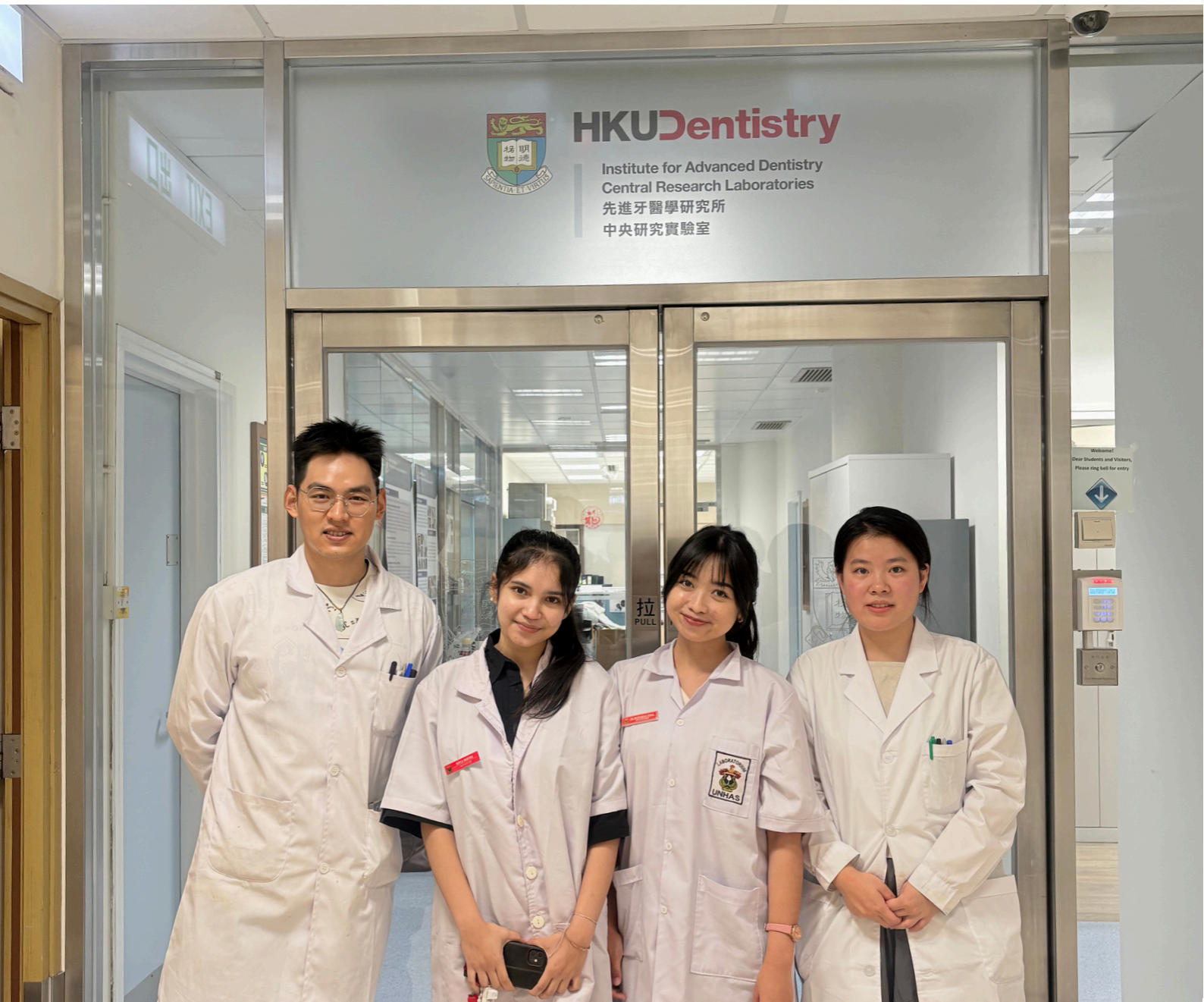
Before the Tokyo meeting, FEB lecturers participated in the 4th International Conference on Management Information System (ICMIS 2026), held alongside the 8th International Workshop on Artificial Intelligence and Education (WAIE 2026) in Sapporo from 26 to 28 September 2026. During the conference, three UNHAS researchers presented their studies: Andi Raina Ananda Herdiana examined digital corporate social responsibility and reputational risks; Andi Tenri Harahap explored AI-enabled management information systems and predictive risk intelligence; and Rianda Ridho Hafizh Thaha investigated digital competence, innovation capability, and entrepreneurial intentions among Generation Z in Makassar.

The academic engagements in Sapporo and Tokyo highlighted FEB's growing involvement in international research and institutional partnerships. By integrating expertise in digital business, agricultural innovation, and international trade, UNHAS aims to expand opportunities for collaborative research, student mobility, and knowledge exchange while strengthening connections between academic innovation and the agricultural sector in Indonesia and Japan.





HASANUDDIN UNIVERSITY DENTAL STUDENTS GAIN INTERNATIONAL CLINICAL EXPERIENCE AT THE UNIVERSITY OF HONG KONG



Two third-year students from the Faculty of Dentistry at Hasanuddin University (UNHAS), Az-Zahrawani Nisaa and Kayla Shafira, are participating in an international Enrichment Program at the Faculty of Dentistry, The University of Hong Kong (HKU), from 5 to 16 October 2026. The program offers opportunities to strengthen clinical knowledge, explore various dental specialties, and gain firsthand experience in an international dental education environment.

The program began with a welcoming session led by Professor Waruna Dissanayaka at the Prince Philip Dental Hospital, followed by briefings on clinical cases and the program schedule. As part of their academic activities, the students have opportunities to participate in clinical observations across several dental specialties, including Endodontics, Prosthodontics, Orthodontics, and Cariology, gaining insights into clinical procedures, treatment planning, and patient management. In addition to clinical observations, the program includes a problem-based learning (PBL) session on oral white lesions, a laboratory demonstration on complete denture tooth arrangement, and a laboratory tour. These activities are designed to help students connect theoretical knowledge with clinical practice while broadening their understanding of dental education, laboratory techniques, and patient care in an international academic setting.

Beyond international learning experience, both students have also contributed to oral health education in Indonesia through a community outreach activity at MAN Insan Cendekia Gowa, South Sulawesi. Their involvement reflects a commitment to promoting oral health awareness and applying academic knowledge to community engagement. The students' participation in the HKU Enrichment Program reflects the Faculty of Dentistry's continued efforts to expand international academic mobility and provide students with global learning opportunities. Through exposure to international clinical practices and educational approaches, UNHAS aims to strengthen students' professional competencies and prepare future dental professionals to engage with developments in global dentistry.



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/ INTERNATIONAL OFFICE**

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