

UNIVERSITAS HASANUDDIN AGREES ON COOPERATION IN SEAWEED DEVELOPMENT WITH THREE PARTNERS

Universitas Hasanuddin held cooperation in the field of seaweed development with three industrial partners, namely PT. Hakiki Donarta, Java Biocolloid Europa SRL, Italy (Sustainable Biocolloid Srl Italia, Biopolife SRL) and Barry Callebaut Chocolate Asia Pacific Pte Ltd. The agreement was stated in the signing of the MoU between the Rector of Unhas (Prof. Dr. Dwia Aries Tina Palubuhu, MA) and representatives of the partners.

This activity was held through a zoom meeting application which was also attended by the Heads of Institutions, Deans, Directors and several other leadership rank from Unhas and partners.

The Rector of Unhas, Prof. Dr. Dwia Aries Tina Pulubuhu, MA., expressed her gratitude and appreciation for the development of cooperation that will be carried out in the future through several programs, one of which is a project called "Seaweed for a Greener Future" with research on

seaweed of the *Asparagopsis* species that beneficial for animal feed and reduce methane gas emissions.

Giulio Paravano (Marketing Manager, Java Biocolloid Europe SRL, Italy) representing the partners said that Indonesia, with its high cultivation potential and diversity, is a country that has great opportunities to develop a seaweed industry with global competitiveness in terms of quantity, type, and quality. He added that seaweed can support food security, and even contribute to world food. So that if it can be managed properly through the various products produced, then in the future it will be very beneficial for people's lives. Therefore, universities have a role in this.

source: www.unhas.ac.id

STUDENTS FROM FACULTY OF AGRICULTURE WON BRONZE MEDAL IN DILCE 2021



Four students of the Food Science and Technology Study Program, Faculty of Agriculture, Universitas Hasanuddin Batch 2018 won the Bronze Medal in the Darulaman Internasional Innovation, Competition and Exhibition 2021 (DiLCE'21). The four people are Muhammad Hanif Muflih, Andi Nisra Fasirah, Annisa Batara, and Indah Pratiwi.

DiLCE'21 with the theme "Enhancing the Innovation of Education in the Industrial Revolution 4.0", organized by the Institute of Teacher Education, Darulaman Campus in collaboration with the State Government of Kedah Darul Aman, Center of Excellence Geopolymer and Green Technology (CEGeogTech), and Malaysian Research & Innovation Society (MyRIS), University of Perlis Malaysia (UniMAP). In this event, participants showcased innovations, inventions, and interesting designs that were created to commercialize their innovations and ideas, so that collaboration between participants in the commercialization of ideas could be realized and developed.

Meanwhile, Muhammad Hanif and other team members presented innovations through the literature on

environmentally friendly packaging and extending the shelf life of vegetables, with a work entitled "Potential Development of Edible Film Based on Biopolymer Composites and Essential Oils in Maintaining The Quality of Vegetables".

Hanif and his team chose this topic based on data that about 50% of food loss in the world comes from vegetables or around 315 million tons each year, so they formulated an idea where they can create a packaging system that can be applied at the beginning of the post-harvest process so that food loss can be reduced. So that environmentally friendly packaging is needed to reduce damage and losses. The method is to use edible film when harvesting vegetables. Its function is to limit the exchange from the inside to the outside, limit the transfer of moisture, improve physical characteristics, and prevent the growth of germs on vegetables.

source: www.unhas.ac.id

FOUR STUDY PROGRAMS IN UNHAS OBTAIN ASIIN INTERNATIONAL ACCREDITATION



Universitas Hasanuddin continues to improve quality in various aspects, one of which is producing globally competitive outcomes through a learning process that has received international recognition.

International recognition from the ASIIN (Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften und der Mathematik) accreditation agency has been achieved by four study programs from two Faculties of Unhas: Faculty of Engineering (Mechanical Engineering and Naval Architecture Engineering Study Program) and Faculty of Mathematics and Natural Sciences (Mathematics and Geophysics Study Program).

Through an interview on Friday (16/07) with Dr. Ir. Prastawa Budi, M.Sc., Head of the Institute for Quality Assurance and Educational Development of Unhas, He explained that the achievement of the four study programs is the result of the thorough preparation and experience of Unhas since 2016 in participating in international accreditation.

Furthermore, Prastawa added that the international accreditation assessed the four study programs' track records, such as accreditation ratings by National Accreditation Body for Higher Education or Indonesian Accreditation Agency for Higher Education in Health, study programs' performance in producing quality graduates, and adequate human availability resources to support the learning process and several other supporting indicators. Based on this, the four study programs included in ASIIN Batch II accreditation have met the quality criteria set for inclusion in international accreditation.

"Currently, the four study programs are completing and improving the suggestions submitted by ASIIN. We should underline that the purpose of ASIIN accreditation is not only to assess whether the study programs have met the ASIIN criteria but also to provide suggestions and recommendations so that the quality of learning implementation becomes better in the future," said Prastawa.

source: www.unhas.ac.id

THE EVALUATION AND FAREWELL CEREMONY FOR HANZE UNIVERSITY INBOUND STUDENT ACTIVITIES IN FACULTY OF NURSING UNIVERSITAS HASANUDDIN



The Faculty of Nursing Unhas conducted the evaluation and farewell ceremony for two Inbound students: Melanie Steentjes and Lysbeth Hofstra from Hanze University of Applied Science, Groningen, The Netherlands. This event took place virtually through the Zoom application at 15.00 Central Indonesia Time on Monday (26/07/21). Melanie Steentjes and Lysbeth Hofstra have successfully carried out a study or research project for eight weeks at the Rappokalling Community Health Center, Makassar, starting from May 5 to June 23, 2021.

The Faculty of Nursing Unhas lecturers who were involved as research team members and supervisors; (1) Silvia Malasari, S.Kep., Ns., MN., (2) Kusri Kadar, S.Kp., MN., Ph.d., (3) Nurhaya Nurdin, S.Kep., Ns., MN., MPH and (4) Andi Fajrin Permana, S.Kep., Ns., M.Sc. One of the supervisors, Silvia Malasari, reported that Hanze University Inbound students researched at the Rappokalling Community Health Center with health promotion about Covid-19 which is being implemented at the Rappokalling Health Center.

"The population in the study was health students and health workers. During the research, the two students were advised and assisted by Unhas Medical Faculty teachers

who were also participating in the study," explained Silvia.

Head of Makassar Rappokalling Health Center, dr. Gusti Gunawan congratulated Hanze University students on the completion of their research projects. He hopes that student's knowledge and experience in the field will be beneficial to the community, particularly in their home country.

On the same occasion, the Dean of the Faculty of Nursing, Dr. Ariyanti Saleh, S.Kp., M. Si expressed her gratitude to the Hanze University students who have become part of the Faculty of Nursing.

"We will continue to play an active role in supporting international programs and in establishing excellent students who can play a role based on their competencies and expertise," explained Dr. Ariyanti.

Inbound Hanze University students also expressed their appreciation for the assistance provided in completing their research. They hope to visit UNHAS directly later.

source: www.unhas.ac.id

UNHAS GATHERED EXPERTS FROM VARIOUS COUNTRIES AT SEAWEED DEVELOPMENT WEBINAR



Unhas through its Graduate School in collaboration with The Center of Excellence for Marine Resilience and Sustainable Development (MARSAVE) and GENIALG presented a webinar entitled "Tropical Phyconomy Coalition Development". The webinar was conducted on Wednesday (07/07) through the Zoom Meeting application.

The webinar was officially opened by the Rector of Unhas Prof. Dr. Dwia Aries Tina Pulubuhu, MA. She expressed her appreciation to the Graduate School and the partners. "We hope that this pandemic can pass soon and researchers can visit Unhas directly to meet and discuss. Today's topic is very interesting to be discussed considering that in the process of cultivating seaweed in sub-tropical and tropical waters, of course, there are challenges to be faced," explained Prof. Dwia.

On the same occasion, the Dean of the Unhas Postgraduate School, Prof. Dr. Ir. Jamaluddin Jompa, Ph.D., presented "Opportunities for Strengthening the Indonesia Seaweed Penta-Helix through Collaboration". Other speakers, namely Dr. Loreta Robinson also shared her views on "Developing Cultivation Systems and Best Management Practices for Caribbean Carrageenophytes in USA Waters".

This webinar is divided into four sessions. For the first session, presenting 11 speakers. The participants who joined enthusiastically gave suggestions and views on seaweed cultivation as one of the potential commodities to improve people's welfare.

source: www.unhas.ac.id

UNHAS NEWS UPDATE TEAM

Dwia Aries Tina Pulubuhu
Mahatma Lanuru
Nurul Ichsani
Nur Fadhillah
Muhammad Reza Syamsuri
Hartina Mahardika
Kumara Tungga Dewa

Muhammad Nasrum Massi
Nur Arifah
Hidayatullah Yunus
Marningsih
Khaerunnisa Muhiro
Muhammad Imam Wahyuddin
Nasrah S

UNHAS FACULTY OF LAW AND UNIVERSITY OF CALIFORNIA AGREE ON DEVELOPMENT COOPERATION OF THE THREE PILLARS OF HIGHER EDUCATION



The Faculty of Law, Universitas Hasanuddin and Berkeley Law School, University of California have agreed to cooperate in developing the three pillars of higher education.

The agreement was stated in the virtual signing of a Memorandum of Understanding via a zoom application between the Dean of the Faculty of Law Unhas (Prof. Dr. Farida Patittingi, SH., M. Hum) and the Dean of UCB (Erwin Chemerinsky, BS, JD) on Tuesday (27/07). Also, present were the Vice Chancellor for Research, Innovation, and Partnership of Unhas (Prof. dr. Nasrum Massi, Ph.D.), Director of Partnership (Dr. Mahatma, ST., MSc), the Vice Deans, the Head and Secretary of the Quality Assurance Group, and the Head of the Unhas Study Programs.

In her speech, Prof. Farida expressed her appreciation and gratitude for the collaboration from both parties. She said that the collaboration was a breakthrough in developing

the quality of Unhas legal education and strengthening the basis and novelty of science.

On the same occasion, Prof. Nasrum Massi explained that Unhas continuously maximizes various achievements. One of them is awards both nationally and internationally, such as the Times Higher Education (THE) Impact Ranking of SDG's which managed to rank 79 in the world and 2 in Indonesia. He hopes that there will send of teaching staff from the Faculty of Law Unhas to the UCB Law School to add knowledge and experience.

source: www.unhas.ac.id

UNIVERSITAS HASANUDDIN INVOLVED IN FPCI'S SOUTHEAST ASIA LECTURE HALL PROGRAM



Universitas Hasanuddin is one of the State Universities involved in the Southeast Asia Lecture Hall program initiated by the Foreign Policy Community of Indonesia (FPCI). This involvement is under the virtual signing of a Memorandum of Understanding (MoU) through a zoom meeting application between the Unhas Chancellor (Prof. Dr. Dwia Aries Tina Pulubuhu, MA) and the Founder of FPCI (Dr. Dino Patti Djalal) on Wednesday (28/07).

Southeast Asia Lecture Hall is a program that aims to deliver world-class lectures by leading academics and experts in their fields to students and youth across Southeast Asia. The program is structured against the backdrop of the disparity in access to high-quality education in a region such as Southeast Asia.

Prof. Dwia welcomed the collaboration and involvement of Unhas in this program to encourage the younger generation of Indonesia to have wider experience and knowledge with lecturers from various fields of science from world-renowned universities. On the same

occasion, Dino explained that FPCI collaborated with around 50 campuses in Southeast Asia including Unhas to provide access to free and regular high-quality lectures from world-class educators with various fields of study.

Southeast Asia Lecture Hall provides a platform that can advance the emancipation of education, providing access to quality education for everyone with an internet connection. So, even though the participants are far away, have a good internet connection, they will study without even paying.

This program will be held every three weeks. Meanwhile, Unhas will send students to participate in each class for 10 classes. The number of students will be discussed and agreed upon at least 7 days before each class. This program is planned to involve more than 1,000 students from 11 Southeast Asian countries and will be implemented from August 2021 to March 2022.

source: www.unhas.ac.id

FACULTY OF DENTISTRY UNIVERSITAS HASANUDDIN HELD INTERNATIONAL WEBINAR ON FORENSIC ODONTOLOGY



The Faculty of Dentistry (FKG) of Universitas Hasanuddin (Unhas) held an international webinar entitled "The Role of Forensic Odontologist in Indonesia's Natural Disasters". The activity took place through the zoom meeting application which started at 14.00 WITA, Wednesday (7/7).

The webinar was officially opened by the Dean of Faculty of Dentistry Unhas, drg. Muhammad Ruslin, M.Kes., Ph.D., Sp.BM(K). "The use of dentistry to assist the process of identifying victims of mass disasters is very important because the identification of teeth has a high contribution in determining a person's identity. It is hoped that we will renew our knowledge regarding this topic," explained drg. Ruslin.

Afterwards, Rizky Merdieto Boedi, drg., MSc.FO (Research Post Graduate School of Dentistry, University of Dundee Department of Dentistry, Diponegoro University, Indonesia), delivered material on Dental Profiling in Palu Tsunami DVI Operation". He explained that the earthquake struck Central Sulawesi, which triggered a tsunami, liquefaction, and landslides resulting in many victims. With tropical climate conditions combined with exposure to seawater, the human body enters a state of

decay quickly, making visual identification impossible. Therefore, a dental profiling procedure, Dental charting, and age estimation were performed and photographs were taken.

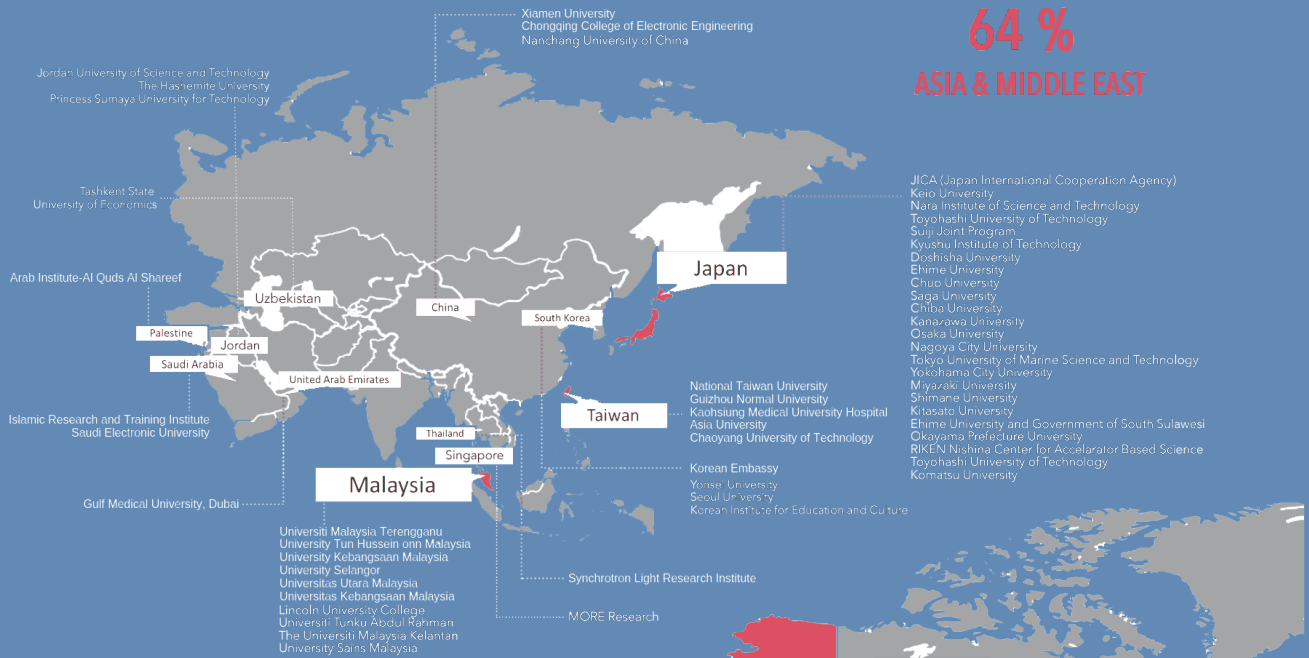
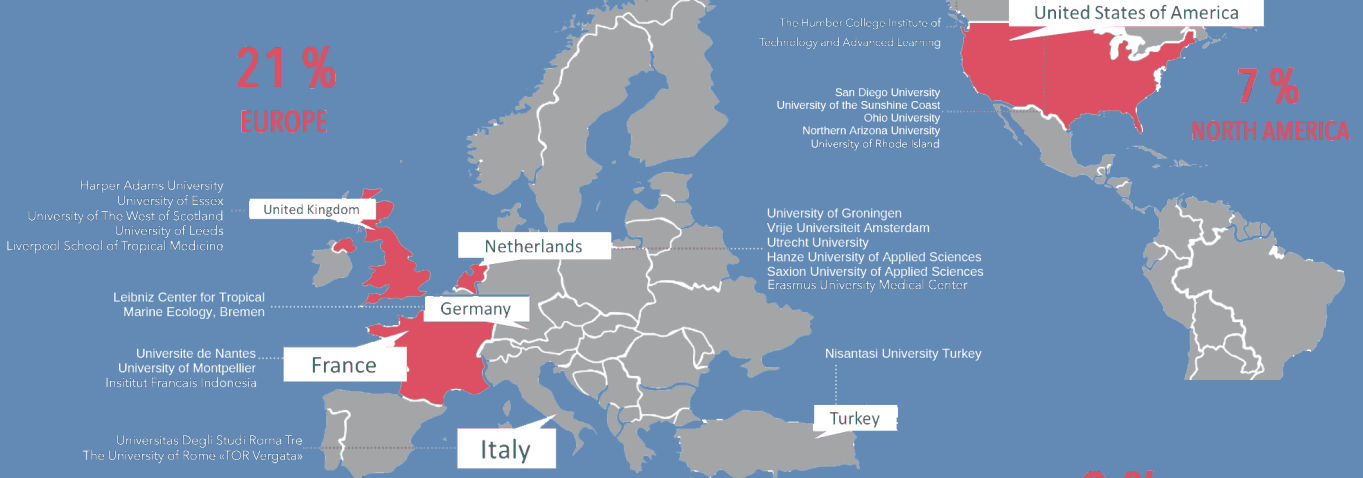
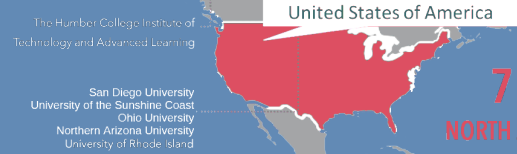
On the same occasion, Peter Sahelangi, drg., Sp.OF (K), DFM Senior Supt (Ret), (Department of Forensic and Medicolegal, Faculty of Medicine & Faculty of Dentistry, Universitas Hasanuddin) presented the material "Aceh Tsunami DVI Humanitarian Operation: Religious & Cultural point of View". He addressed that the identification of victims of mass disasters requires a DVI (Disaster Victim Identification) procedure because it has become a very important activity and is carried out in almost every incident that causes casualties. In the identification method, the victim's identity is carried out using dental facilities, one of which is by comparing post mortem data (the results of the victim's examination) and ante mortem data (previous dental data that the victim has made).

source: www.unhas.ac.id

ACTIVE PARTNERSHIP as of February 2021

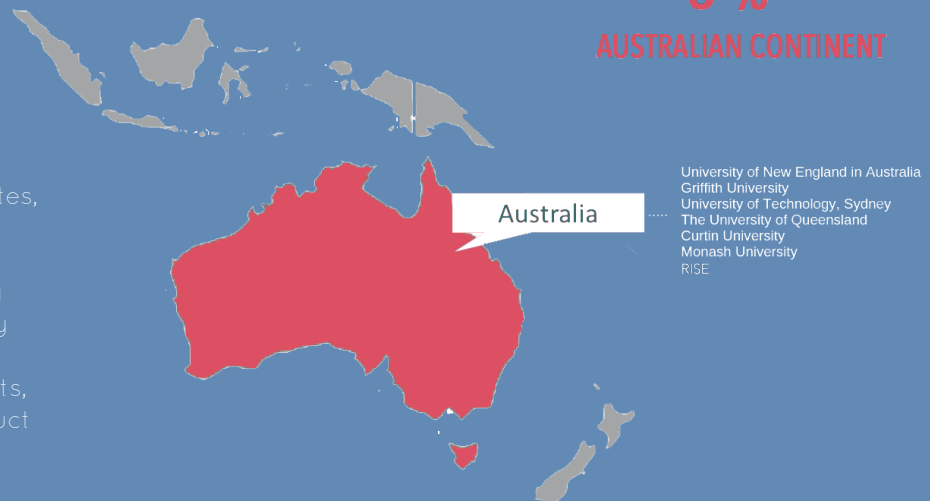
64 %

ASIA & MIDDLE EAST

21 %
EUROPE7 %
NORTH AMERICA

8 %

AUSTRALIAN CONTINENT



Universitas Hasanuddin currently has 85 active international partnerships comprising of Universities and Research Institutes, spread among the 4 continents.

We strive to give the best quality of education, as we continuously engage to establish cooperation through the exchanges of students, staff, academics, as well as conduct joint research and conferences.

FACULTY & STUDY PROGRAM

Universitas Hasanuddin consists of 15 Faculties covering wide varieties of majors in natural sciences, social sciences, engineering and many others.

- Faculty of Agriculture
- Faculty of Social & Political Sciences
- Faculty of Cultural Sciences
- Faculty of Mathematics & Natural Sciences
- Faculty of Economics & Business
- Faculty of Medicine
- Faculty of Law
- Faculty of Pharmacy
- Faculty of Dentistry
- Faculty of Forestry
- Faculty of Engineering
- Faculty of Animal Husbandry
- Faculty of Marine Sciences & Fisheries
- Faculty of Public Health
- Faculty of Nursing

Postgraduate Program at Unhas offers doctoral & master programs in wide range of majors including Health Sciences, Natural Science, Engineering and many others. Faculty of Postgraduate consists of 50 master study programs and 17 doctoral programs. The following lists are the master study program available at Unhas:

- Agricultural system
- Regional Planning and Development
- Environment management
- Resources economics
- Linguistics

- Economics Dev & Planning
- Dev. Administration
- Legal Science
- Agribusiness
- Chemistry
- Indonesian Language
- Urban Management
- Communication
- Bio Medic Science
- Sociology
- Financial Management
- Public Health
- Anthropology
- Gender and Development
- Master of Management
- Mechanical Engineering
- Civil Engineering
- Medical Specialist
- Pharmacy
- Master of Regional Finance
- Electrical Engineering
- Infrastructure Planning
- Transportation
- Agrotechnology
- Rural Planning & Dev.
- Agroindustry
- Geophysics
- Geology
- Marine Science
- Architecture
- Fisheries Science
- Accounting
- Mathematics

- Notary Affairs
- Forestry Science
- Food Science & Tech
- Agricultural Engineering
- Livestock Tech. & Science
- Plant PEST & Disease
- Nursing Science
- Political Science
- Midwifery
- Physics
- Biology
- English Language

The following lists are the doctorals available at Unhas :

- Agricultural Science
- Medical Science
- Linguistics
- Legal Science
- Economics
- Chemistry
- Civil Engineering
- Public Administration
- Public Health
- Anthropology
- Fisheries Science
- Architecture
- Mechanical Engineering
- Environmental & Geology
- Electrical Engineering
- Communication Science
- Pharmacy

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