



HIỀN TÀI LÀ NGUYÊN KHÍ QUỐC GIA

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# NEWSLETTER

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NHA TRANG UNIVERSITY

## IN THIS ISSUE:

- 02 /** New collaborations
- 05 /** 24 Laotian students to take undergraduate programs at NTU
- 06 /** Training course on "Culture-based Fisheries"
- 08 /** The first composite floating restaurant in Khanh Hoa
- 10 /** Students with startups
- Insert /** Recovery from the Typhoon Damrey

During the last quarter of 2017, NTU welcomed delegations from the Pacific International Hotel Management School (PIHMS) (Dec 8), Guangdong Pharmaceutical University (GDPU) (Nov 27), Finland University (Nov 9) and the Association of Francophone Fisheries Schools (Nov 10). At the meetings, NTU and the visiting parties learned about each other's strengths and potentials to develop corresponding cooperation, especially in training, research, and student/faculty exchange.

With **PIHMS**: the two schools agreed on designing a jointmaster's program in Hospitality, as well as developing student and faculty exchange activities.

*The PIHMS is one of the leading centers in human resource training in hospitality and tourism in New Zealand.*



## NEW Collaborations

With **GDPU**: the parties will cooperate in conducting research on the application of fisheries products to medicine production; the application of IT in fisheries and medical management, and scientific information exchange and student exchanges (majoring in Foreign Languages and Tourism).

*The GDPU was founded in 1902. At present, it has more than 18,500 students enrolled in 44 undergraduate major subjects. Its strength is training in pharmaceuticals associated with medicine.*

With the **Association of Francophone Fisheries Schools**: During the meeting with its Secretary General, Dr. Marc Millette, NTU expressed its intention of joining the association soon to connect and collaborate more with the association's members.

*The Association of Francophone Fisheries Schools now has 70 member schools from 17 French-speaking countries in seven territories. The Association is responsible for supporting the development of the aquaculture and fisheries sector in French-speaking countries, and for providing members with training in the field of fisheries.*



With **Finland University**: the parties will collaborate in designing and offering Public Management course (with certificate after completion) and other short-term courses on public debt management, bad debt resolution, investment fund management, and network security for lecturers and students majoring in IT. In addition, they shared information about the academic environment in Finland, and requirements for scholarships.

*The Finland University has four member universities with about 57,000 students, including the University of Eastern Finland, the University of Tampere, the University of Turku, and the Åbo Akademi University. The design of the training programs reflects the findings of recent research. All the aforementioned universities are in the top 2% of global university rankings.*



## BILINGUAL PROGRAM IN TOURISM MANAGEMENT, FOOD TECHNOLOGY WITH MAINE UNIVERSITY, FRANCE

*November 28, 2017:* Prof. Lazhar Benyahia from the University of Maine, France, had a meeting with the NTU leaders. The institutions will cooperate in implementing a bilingual program (French – Vietnamese) in Tourism Management and Food Technology as well as enhancing faculty and student exchange.

Prof. Benyahia also presented an academic seminar for lecturers, master students and undergraduate students from the Faculty of Food Technology and the Institute of Biotechnology and Environment.

## COLLABORATIVE RESEARCH IN ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE WITH NATIONAL YUNLIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, TAIWAN

*November 6, 2017: a delegation from National Yunlin University of Science and Technology, Taiwan (YunTech) visited NTU.*

The two universities discussed modalities of cooperation. In particular, the Faculty of Information Technology and YunTech agreed to cooperate in the field of artificial intelligence computer science in the near future.

In addition, professors of YunTech interviewed three candidates from NTU for PhD scholarships (equivalent to USD 760 per month).



## REINFORCE THE PARTNERSHIP WITH SHANGHAI OCEAN UNIVERSITY

*Dec 14, 2017: a delegation from Shanghai Ocean University paid a visit to NTU.*

Since 2001, after signing the MoU, a lot of cooperative activities have been implemented, especially in training. Therefore, the visit offered an opportunity to reinforce our partnership, particularly in marine science and fisheries.

Some cooperative directions for the future were discussed, such as a joint training program (2+2, 3+1), exchanging students and faculty, research collaboration, information sharing about supporting policies and scholarships for students, and sending students to study Chinese at SHOU.

Both parties agreed to review the signed MoU and on preparing a new one.

## MOU SIGNING WITH KIEN GIANG DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT



*October 24, 2017: Institute of Aquaculture, NTU and KienGiang Department of Agriculture and Rural Development signed a MoU regarding the following activities:*

The Institute of Aquaculture will support Kien Giang province to design and implement a project on marine fish fingerling production under the framework of the governmental Rural and Mountainous Program hosted by the Ministry of Science and Technology.

The parties will finalize the project to realign aquaculture production in the direction of diversifying aquaculture products in accordance with domestic market demand during the period of 2019-2021 in Kien Giang.

The parties will cooperate in proposing projects and seeking funding sources from the state and local provinces.

The parties will support businesses in supplying qualified juvenile fish and traceability.

The two exchanged positive ideas about the strengths that each brought to the joint master's degree programs. They also had in-depth discussions about the possibility of developing an information center to link universities and companies in Vietnam and Taiwan.

NTOU and Institute of Aquaculture participated in a seminar to present research findings on aquaculture in Vietnam and Taiwan.

In addition, a group of exchange students from NTOU visited NTU from Nov 19 to Dec 2. At the same time, NTU planned to send five exchange students NTOU to participate in some short courses from January 22 to January 31, 2018.

## NATIONAL TAIWAN OCEAN UNIVERSITY (NTOU) TO NTU

*Nov 21, 2017: a delegation from NTOU visited NTU in an attempt to strengthen cooperative activities.*



# WELCOME

## 24 Laotian students to take undergraduate programs at NTU



*Dec 14, 2017: NTU hold a meeting to welcome 24 students from Laos to study at NTU. Leaders of NTU, the KhanhHoa Department of Foreign Affairs, and the KhanhHoa Department of Education & Training attended the meeting.*

During the academic year 2017-2018, Khanh Hoa province assigned NTU to receive and train 12 students from Champasak province and 12 students from Attapu province (Laos). After spending one year learning Vietnamese, they will spend a further four years in an undergraduate program.

The support and training for Laos not only contributes to strengthening the international cooperation in the field of training but also affirms the prestige of NTU.

*The undergraduate training for Laos is a result of the friendship program for the period 2017-2020, which was agreed between KhanhHoa People's Committee and the authorities of Champasak, Attapu.*



## TRAINING COURSE ON "CULTURE-BASED FISHERIES"

*Oct 30 - Nov 8, 2017: NTU in cooperation with the Network of Aquaculture Centres in Asia-Pacific (NACA), and the United Nations University – Fisheries Training Program in Iceland (UNU-FTP, Iceland) co-organized the training course on "Culture-based Fisheries". The training course was taught by international professors with the participation of 41 trainees from throughout Africa (Liberia, Namibia, Nigeria, Uganda, Zambia), Asia (Bangladesh, Cambodia, China, India, Indonesia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Thailand and Vietnam) and Australia, as well as many local and international students from Nha Trang University.*

The course provided the participants with basic knowledge about current practices and the relevance of culture-based fisheries; evaluation of water bodies for culture-based fisheries; establishing a management system; risk and risk management; stock practices and stocking assessment; and harvesting and marketing strategies.



*Culture-based fisheries (CBF) is a practice to enhance fish stocks in waters that do not have enough natural recruitment to sustain a fishery. CBF practices are usually applied in small water bodies such as village dams and irrigation reservoirs. Fish growth is driven by the natural productivity of the waters. Usually there is no feeding and the fish are left to forage on natural food supplies. Ownership and management of the stock distinguish CBF as form of extensive aquaculture. CBF practices can help farmers to improve their food production and income by harnessing the natural productivity of rural ecosystems (source: NACA webpage)*



## GRADUATION CEREMONY FOR GRADUATE STUDENTS

*October 22, 2017: NTU held the second graduation ceremony in 2017 for 200 graduate students from Master's and Doctoral programs.*

NTU awarded a doctoral degree in Engineering Dynamics and 199 masters degrees in the fields of Biotechnology, Food Technology, Aquaculture, Fishing Technology, Marine Ecosystems Management and Climate Change, Engineering, Business Administration, Agricultural Economics, and Development Economics.

*During the visit to NTU, the NTOU delegation and the Institute of Aquaculture, NTU co-organized a seminar to introduce new findings in aquaculture in Vietnam and Taiwan.*



## SEMINAR ON VIETNAMESE AND TAIWANESE AQUACULTURE

The highlight of the seminar was a presentation about *Smart and Precision Aquaculture Technology* which uses automated control systems for environmental management, health management and disease prevention to promote productivity and sustainability of aquaculture industry.

In addition, the speakers also presented many valuable research findings on the use of fish otolith to determine the age and stage of development of fish, and to assess the migration and structure of fish populations in Taiwan; Growth performance and hematological parameters of rainbow trout, *Oncorhynchus mykiss* fed varying dietary levels of carotenoprotein from by-products of the *Litopenaeus vannamei* shrimp processing industry in Vietnam; acclimation, preservation and mass culture of *Spirulina platensis* in seawater; and genetics and breeding in aquaculture – The case study of abalone culture in Taiwan and China.

## SEMINAR

### WORKSHOP ON “THEORY AND CRITERIA FOR ASSESSING THE DEVELOPMENT OF TOURISM HUMAN RESOURCE IN KHANH HOA PROVINCE IN THE CONTEXT OF INTERNATIONAL INTEGRATION”

*The workshop is one of the activities of Dr. Le Chi Cong's research project “Developing human resources for tourism Khanh Hoa in the context of international integration”. Dr. Le Chi Cong serves in the Faculty of Economics, NTU.*



Experts and researchers from the Faculty of Tourism and Hospitality, National Economics University, leaders of relevant Khanh Hoa departments, and representatives of 20 tourism businesses in Khanh Hoa attended.

Among the shortcomings of tourism development in, is the deficit in both quality and number of skilled people, up to management level. Therefore, in addition

to devising solutions to increase the number of tourists and revenue, it is necessary to focus on investment in human resources to ensure sustainable development. At the workshop, the reports presented issues related to the opinions, roles, evaluation criteria, and experiences in Vietnam and abroad regarding tourism human resource development in the context of international integration.

## COMPOSITE FISHING VESSELS THROUGH THE TYPHOON DAMREY

*The design and construction of the composite vessel recently proved its sturdiness during Typhoon Damrey that hit Khanh Hoa on Nov 4, 2017.*

In an extremely adverse weather, the typhoon sank many fishing boats at sea. At this time, the vessel Hung Thinh 06 and many wooden logistic service boats of fishermen, Mr. Vo Van Lanh were taking refuge in Quy Nhon port. Under the impact of winds and waves, the wooden ones were capsized and sank. In contrast, although Hung Thinh 06 was driven ashore, it suffered very little damage.

From a technical point of view, the stability and durability of the composite vessel are significantly better than a wooden vessel. The Hung Thinh vessel (built by NTU) has a safety factor of  $K > 1$ , which ensures that it will not capsize even at a 12<sup>th</sup> level wind speed. The thickness of the hull is also nearly doubled compared to its design, helping increase the carrying capacity of the vessel from 2 to 2.5 times compared to the design. In addition, the material of the vessel is a combination of high durable Polyester resin with KCC fiberglass, which created

durability higher than the standard composite. Last but not least, the hull was casted which helped prevent water penetration.

The "survival" of the Hung Thinh 06 during Typhoon Damrey is testimony to the safety of composite vessels. We hope in future, especially with the support from the Government's Decree 67, more and more composite fishing vessels will be made in Vietnam, with high levels of sturdiness to protect the lives and properties of fishermen.



## The superiority of COMPOSITE

## THE FIRST COMPOSITE FLOATING RESTAURANT IN KHANH HOA

*December 16, 2017: a floating restaurant named Nhan Lan was successfully launched after 2 months of construction.*

The floating restaurant is 16-meter long, 8.5-meter wide, and one-meter high. The base is comprised of 3 vertical floats and 4 horizontal floats linked into a solid block. The deck area is 134 square meters with 10 table rows. It is large enough to seat 100 customers, and there are shelves for luggage. Nhan Lan is equipped with safety equipment such as water and fire alarm, life-saving equipment, ventilation, electricity and signals, which meet the safety standards prescribed by the Vietnam Register.

Nhan Lan was designed and built according to specifications devised by a research project of Institute of Shipbuilding (UNINSHIP) under the approval of the Vietnam Register.

The successful launch of a safe composite floating restaurant helped businesses solved the problem that was faced by businesses when improvised floating restaurants were banned for safety reasons.



*December 7, 2017: To develop students' patriotic feelings about Vietnam's sea and islands, the Youth Union and Student Association held a music performance, that attracted more than 1,000 students.*

Various kinds of performances were staged, such as dancing and singing about the sea and islands. The gala created a joyful atmosphere and contributed to arousing patriotism and national pride together with a sense of national sovereignty about the islands.



The club, which has more than 100 members, has various groups such as piano, flute, guitar, violin, chorus, drum, etc. At first, the club had a difficulty in finding instructors. Since then, experienced members as well as the university's leaders and staff members have supported the club.

*Music is a part of life. It is a great tool for relieving stress and generating emotions. With students in the Music Club, the passion for music is galvanized and becomes an indispensable part of daily life.*

After nearly one year of operation, the members of the club have been able to perform in the important ceremonies of the university. Hopefully, the club will continue to develop and to nurture love for music in NTU.

## STUDENTS WITH STARTUPS

*In November and December of 2017, the Center of Business Relations and Student Support collaborated with businesses in Khanh Hoa to organize startup workshops and courses for students.*

Leaders of organizations and enterprises in Khanh Hoa (Dell Vietnam, Tien Phong Bank - Nha Trang Branch, Anh Sang Investment and Development JSC, Lotus JSC, Vietcombank Nha Trang, Me Trang Coffee JSC, Khanh Hoa Young Businessman Association) introduced to students some successful start-up models and also shared valuable experiences on how to mobilize resources for start-ups; startups in the industrial revolution 4.0; qualities to start a business; business planning, market analysis, how to pitch and overcoming difficulties in the beginning. Thanks to this advise, students are better informed about start-ups, which fosters their attitude to learn and make dreams come true.



*"Startups" is currently a burgeoning movement, especially among young people in Vietnam. On November 26, 2017, the Prime Minister approved the project "Supporting startups among students up to 2025"*

## MY SCHOOL IS NO. 1 COMPULSORY ACTIVITY OF VIETNAM MISS UNIVERSITY IN 2017



*October 12, 2017: NTU's Youth Union and Students' Union organized the contest "My school is No. 1", in co-operation with the contest "Vietnam Miss University" during 2017. Participants included representatives of the Vietnam Youth Union of Province, relevant units, and more than 500 students of NTU.*

Hundreds of female students participated in the beauty contest "Seeking the beauty of intelligence". Photographs of the top 20 contestants were posted on the website, so that people could vote for them.

In addition, more than 200 students participated in the flashmob performance entitled "I love my country". This flashmob clip was posted

on the website of the contest competing for votes in competition with clips from other universities.

The event contributed to creating a healthy and interesting playground for students. At the same time, the activity helped promote universities and colleges as well as famous places of each region in Vietnam.



## COOKING CONTEST TO CELEBRATE VIETNAMESE WOMEN'S DAY

**October 20, 2017:** Celebrating the 87<sup>th</sup> anniversary of the Vietnam Women's Union (20/10/1930 - 20/10/2017, 20 teams from unions participated in the cooking competition with the theme "Whole hearted cooks".

The delicious dishes that represented the cultural identity of Vietnam showed the talent, the ingenuity, as well as the love of the men for the woman. In the joyful atmosphere of the contest, after evaluation by judges, the organizers awarded two first prizes to the inter-Union of Departments of Undergraduate Studies, Science and Technology, External Cooperation, and the Union of Faculty of Economics.



## LAUNCHING HA GIANG 01 CANOE

**December, 2017:** the Institute of Ship Research and Development (UNINSHIP) launched Ha Giang canoes for tourism in the Northwest Highlands of Vietnam. The canoes are 9 m long, 2.75m wide and 1.25m high. It has a 40Hp machine capacity, which makes it capable of carrying 10 passengers and 2 crewmembers. The canoe is designed to be absolutely waterproof, with an anti-sinking structure that ensures safety for users, especially in the rainy season.



## THE POTENTIAL CPA CONTEST (2<sup>ND</sup> ROUND)

**October 24, 2017:** NTU in collaboration with the University of Economics, HCMC, organized the second round of the 16<sup>th</sup> CPA (Certified Public Accountants) contest for students majoring in accounting and finance - banking. The 14 best contestants were selected for the third round in Ho Chi Minh City.



# RECOVERY

## *from the Typhoon Damrey*



*Nov 4, 2017: a tropical typhoon named Damrey made landfall in Khanh Hoa province. It had wind speeds at the 12<sup>th</sup> level, with gusts up to the 14<sup>th</sup> level. This was the strongest typhoon in for the latest 20 years. The typhoon caused significant damage to both people and property, throughout the province.*

At NTU, the typhoon blew off roofs, broke glass, and severely damaged lecture buildings (G1, G2, G5, and G8), the administration building, laboratories, meeting rooms and halls, and aquaculture farms in Ninh Phung and Cam Ranh. A lot of equipment such as computers, television, projectors, furniture, and laboratory facilities were damaged by the rain. Dozens of old trees in the campus were uprooted.

After the typhoon, all staff members and students came together to deal with the severe consequences of the storm. The buildings were repaired, the campus was cleaned, and the trees were removed or replanted. However, several facilities were so severely damaged that they have not been fully restored, even now.



After the storm, on November 13, 2017, a delegation from the Ministry of Education Training visited, gave encouragement, offered support of VND 100 million to NTU. In addition, the of KhanhHoa province also decided to provide funds to NTU to rebuild the covering walls of the aquaculture farm in Ninh Phung, which collapsed in the typhoon.

Although they were occupied with repairing the damages caused by the storm, the university's leaders also gave their attention to the plight of students and staff members who had suffered losses during the storm. The NTU Labor Union gave financial support of VND 63 million in total to staff members to fix damages during the typhoon. To support students whose families were seriously affected by the typhoon, the NTU Youth Union and Students' Association offered free food and drinks, and the Vietnam Youth and Students Association in Japan (VYSA) awarded 22 scholarships to students.





TRƯỜNG ĐẠI HỌC NHA TRANG  
NHA TRANG UNIVERSITY



# Chúc Mừng Năm Mới Happy New Year 2018

*Kính chúc Quý vị một năm mới an khang thịnh vượng!  
Trân trọng cảm ơn Quý vị đã đồng hành cùng chúng tôi.*

*We wish you a happy and prosperous New Year!  
Thank you for your help and support.*

SỰ KIỆN  
SẮP TỚI



1. Training course on qualitative methodology in medical (Feb 5 - March 5, 2018)
2. Lunar New Year Celebration (February, 2018)



[www.ntu.edu.vn](http://www.ntu.edu.vn)



+84 258 2471303



[dea@ntu.edu.vn](mailto:dea@ntu.edu.vn)