ANNUAL REPORT
2018
THE MISSION OF THE WORLD MARITIME UNIVERSITY (WMU) IS TO BE THE WORLD CENTRE OF EXCELLENCE IN POSTGRADUATE MARITIME AND OCEANS EDUCATION, PROFESSIONAL TRAINING AND RESEARCH, WHILE BUILDING GLOBAL CAPACITY AND PROMOTING SUSTAINABLE DEVELOPMENT.

WHO WE ARE

WMU is based in Malmö, Sweden. It is a postgraduate maritime university founded in 1983 by the International Maritime Organization (IMO), a specialized agency of the United Nations. The University was established to address a shortage of well-qualified, highly educated maritime experts, particularly in developing countries.

The aim of WMU is to further enhance the objectives and goals of IMO, IMO member States and the maritime industry globally through education, research, and capacity building on maritime and related ocean affairs to ensure safe, secure, and efficient shipping on clean oceans and promote a sustainable maritime industry for the long term.

WMU offers unique postgraduate education programmes as well as professional development courses building global capacity and meeting the highest standards in maritime and oceans affairs. With nearly 5,000 alumni, of which 1,029 are women, from 168 countries across the globe, WMU graduates have a significant impact on the global maritime industry. In addition, the University undertakes wide-ranging research in maritime and ocean studies in support of maritime capacity building and works closely with the IMO and key stakeholders including maritime and port administrations, the maritime industry and non-governmental organizations.

As part of the IMO and a member of the United Nations (UN) family, WMU is committed to the UN 2030 Agenda for Sustainable Development (UN SDGs).
As the Chancellor of the World Maritime University (WMU), it is an honour for me to present the 2018 Annual Report on behalf of the University’s Board of Governors and Executive Board. I thank them for their dedication and hard work on behalf of the University.

This report is a reflection of the achievements of WMU during 2018, in delivering on its mandate. The University’s excellence in maritime and oceans education, research and capacity-building, contributes to IMO’s work and safeguards the uniform interpretation and effective implementation of the IMO conventions and related instruments. It also ensures the timely identification of, and effectively addresses, the challenges and trends in the maritime and ocean sectors.

The University, which began its work in supporting IMO by educating maritime experts, particularly from developing countries, has evolved to effectively supporting the implementation of global standards and promoting a level playing field in the maritime sector. Since its founding in 1983, WMU has developed into a truly outstanding academic institution: a university for the maritime and oceans world, dedicated to advancing maritime and ocean education, research and capacity-building.

Today, WMU graduates are found in all sectors of the maritime and port industries. Some have occupied high-level positions as Prime Ministers, ministers and deputy ministers, ambassadors, representatives of their countries at IMO and presidents of maritime academies, while many others hold senior positions in their maritime and port administrations, as senior surveyors and in shipping companies. I am very proud of the WMU global network, as a graduate of WMU myself, and I appreciate the strength of this professional network of highly skilled, dedicated maritime and ocean leaders.

The graduating Class of 2018 included 267 graduates from 71 countries: this is made up of 124 MSc graduates from the Malmö headquarters and 58 MSc graduates from the China programme (a combined total of 182 Master of Science graduates), two PhD graduates, and 83 graduates from the distance learning programmes (this includes 14 LLM graduates). With the graduation of the Class of 2018, the total number of WMU graduates is now 4,919 from 168 countries. While recognizing the need to do more to improve gender balance, it is worth emphasizing the particularly important contribution the University is making to the UN Sustainable Development Goal 5 (SDG 5) on Gender Equality - with a third of its graduates being highly skilled women professionals.

I am very pleased to note that with the inauguration of the WMU-Sasakawa Global Ocean Institute in 2018, WMU has taken the lead, and is already making a concrete contribution to, the achievement of SDG 14 concerning the conservation and sustainable use of the oceans. The Global Ocean Institute is founded on a vision to bring to life a convergence platform, where policy makers, the scientific community, regulators, industry actors, academics, and representatives of civil society can meet to discuss how best to manage and use ocean spaces and their resources for the sustainable development of present and future generations.

I also wish to express my appreciation and gratitude to the President, Dr. Cleopatra Doumbia-Henry, and her staff, for making WMU the embodiment of excellence in delivering post-graduate maritime and oceans education, knowledge sharing, research and capacity building in the maritime and ocean sectors. The exceptional work of the University is the cornerstone of the new Stewards of the Sea campaign launched in 2018 to secure the University’s financial sustainability and academic independence, and to ensure the continuation of its services for future generations of maritime and ocean leaders.

On behalf of IMO, the University, past and future maritime and ocean leaders, and beneficiaries around the globe, I wish to express my sincere appreciation to the many dedicated donors who enable WMU to continue building momentum for positive change, as a powerful convener of stakeholders, fulfilling its education, research and capacity-building commitments under its Charter, and contributing to the implementation of the UN SDGs for the benefit of humankind.
In my capacity as President of the World Maritime University, I am pleased to present the 2018 Annual Report that highlights activities and milestones achieved throughout the 35th Anniversary year, and the year in which the IMO celebrated its 70th Anniversary.

Throughout 2018, we continued to pursue the implementation of WMU’s Strategic Plan 2016-2019, which includes a strong focus on the University’s contribution to the achievement of the United Nations 2030 Sustainable Development Agenda and related Sustainable Development Goals. Recognizing that all the Goals are interrelated and indivisible, WMU contributes directly and tangibly to the implementation of the Goals focused on education; gender equality; ensuring the availability of clean water and sanitation; ensuring access to affordable, reliable, sustainable and modern energy for all; promoting and forming the rule of law, and ensuring peaceful and inclusive societies.

In 2018, WMU reached a significant milestone of achieving the 1000th female graduate. An award to the 1000th female graduate was presented in October 2018 at the ITF Transport Federation Workers’ Union (ITF), World Congress in Singapore. The Report was officially launched at the IMO on 16 January 2019 and has been very well received. We continued to engage with major stakeholders on maritime and ocean research, and released two new publications in our WMU Book Series as well as four issues of the WMU Journal in Maritime Affairs. Two calls for papers for special issues of the Journal were launched on “The Maritime Industry – Addressing Corruption” and on “Empowering Women in the Maritime Community.” Our simulation laboratory was enhanced with a contribution from the German Government, and the inaugural report from the historic MARE survey initiative to study global maritime training practices, investment and thought was released.

Several events in 2018 expanded the reputation and influence of the University. In April, as a partner in the EU-funded GoLNG project, WMU hosted Liquefied Natural Gas (LNG) training, offered by the Baltic Sea Region (BSR) Competence Centre. In addition to the inauguration of the Global Ocean Institute in May, WMU also hosted the Second Meeting of Range States for the European Eel on 15-16 May, and on 28 May a Workshop on Trends and Challenges in Maritime Energy Management. In June, the WMU-KMI seminar was hosted in Busan, Korea with the theme “Maritime Industry 4.0: Technology, Education and Business Model”. In August, the OceansTrends 2018 Scientific Seminar was offered at WMU in cooperation with the University of Nantes. The fourth, and final, Inter-regional Workshop on Risk Assessment Tools for Pollution Preparedness and Response under the OpenRisk project, of which WMU is a partner, was hosted by WMU in October. In November, WMU hosted a marine spatial planning (MSP) training session within the framework of the NorthSEE project of which WMU is one of the partners. In December, the City of Malmö, WMU, the Marine Educational Center in Malmö and IOC-UNESCO partnered in delivering the Ocean Literacy Conference to inspire and debate marine education and ocean literacy from a local perspective, focusing in particular on coastal cities, and promoting marine education at an early age.

The year 2018 was no doubt an intense and exciting year, with WMU witnessing incredible growth. In recognizing the success of the University over the past 35 years, I particularly want to thank the Government of Sweden, the City of Malmö, the hosts of WMU, for their continued generosity, including the financial support for the University’s operations and making available to it the facilities, including for the Global Ocean Institute, that enable us to function. Sincere thanks are also extended to all of our donors to ensure the long-term financial sustainability of the University. To make the WMU Global Ocean Institute a reality, and to its mission.

I would also like to express a special thanks to the WMU Fellowship donors who have made it possible for so many of the graduates in the Class of 2018 to study at WMU - with 30 fellowships awarded by The Nippon Foundation, 10 fellowships awarded by Norad, five fellowships awarded by the Government of Germany, five fellowships awarded by TETA of South Africa, five by the ITF Seafarers’ Trust, and as well as fellowships made available by the TK Foundation, ICS and other industry donors, as well as by the Governments of the UK and the Netherlands, to name but a few. The support of our donors is critical to fulfilling our education and capacity building mission and making global positive change possible through educating the maritime and ocean leaders of today and tomorrow.

As we reflect on 35 years of WMU’s landmark education and global maritime capacity building efforts, and the accomplishments throughout 2018, we also look to the future with optimism for the support of our stakeholders to ensure the success of the University.

WMU is one of the partners. In December, the City of Malmö, WMU, the Marine Educational Center in Malmö and IOC-UNESCO partnered in delivering the Ocean Literacy Conference to inspire and debate marine education and ocean literacy from a local perspective, focusing in particular on coastal cities, and promoting marine education at an early age.

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2018 HIGHLIGHTS

March

Gender Parity Record
ITL Class of 2019 in Shanghai sets a WMU record for gender parity with female students representing 50% of the enrolment.

April

Go LNG Training
As a partner in the GoLNG project, on 26 to 28 April, WMU hosted liquefied natural gas (LNG) training, offered by the Baltic Sea Region (BSR) Competence Centre through the GoLNG project.

May

MarTID 2018 Report Released
The inaugural report from the historic MarTID survey initiative to study global maritime training practices, investment and thought was released on 5 May.

WMU Global Ocean Conference
From 8 to 9 May, the WMU Global Ocean Conference was held to inform the priority for the newly inaugurated WMU-Sasakawa Global Ocean Institute and to develop strategies to ensure active engagement by stakeholders with the new Institute.

Trends and Challenges in Maritime Energy Management Workshop
As part of the Nordic Ocean Energy Week, WMU hosted the Trends and Challenges in Maritime Energy Management Workshop on 22 May to examine opportunities and challenges in the field of maritime energy with the aim of achieving an energy efficient and low carbon future for the maritime industry.

June

World Oceans Day Coastline Clean-up
In recognition of World Oceans Day and the 2018 theme of “Clean Our Ocean”, on 9 June, WMU joined with the City of Malmö and the Sea-U Marine Science Centre on cleaning up Malmö’s coastline.

ISO Seminar on Marine Environment Protection
On 13 June, the International Organization for Standardization’s (ISO) Technical Committee 8 on Ships and Marine Technology, Subcommittee 2 on Marine Environment Protection (ISO TC8 SC2), in collaboration with their annual meeting that was hosted at WMU from 11-13 June, held a seminar for WMU faculty and students.

Maritime Welfare (MARI-WEL) Professional Development Programme Launched
On 29 June, the ITF Seafarers’ Trust and WMU announced the MARI-WEL seafarer welfare training distance learning programme designed to equip maritime professionals with key skills and knowledge to support the welfare of seafarers.

July

WMU 35th Anniversary
4 July marked 35 years of WMU contributing to global maritime education, research and capacity building since being founded by the IMO in 1983.

August

China Programme Graduations
On 25 and 26 August, graduation ceremonies were held in Shanghai and Dalian for a total of 58 students. One third were female graduates bringing the total number of female graduates from WMU’s China campuses to over 200.

OceansTrends Seminar
From 29 to 30 August, the OceansTrends 2018 Scientific Seminar, Conservation and Sustainable Use of the Ocean, brought together over 150 participants to WMU from more than 60 countries in cooperation with the University of Harris.

September

2018 Academic Year Begins, Malmö
The academic year started in Malmö on 10 September with a week-long orientation programme, followed by the inauguration of the Class of 2019 on 17 September with 126 Malmö-based MSc students from 57 countries.

November

Inter-regional Workshop on Risk Assessment
The fourth and final, Inter-regional Workshop on Risk Assessment Tools for Pollution Preparedness and Response under the OpenRisk project, of which WMU is a partner, was hosted by WMU on 30 October 2018.

December

North Sea Marine Spatial Planning Training
From 21-22 November, WMU hosted a marine spatial planning (MSP) training session within the framework of the NorthSEE project of which WMU is one of the partners. The training focused on transnational cooperation in MSP between the North Sea countries with an emphasis on transnational shipping.

Ocean Literacy Conference
Organized by the City of Malmö and WMU in cooperation with the Marine Educational Center in Malmö and IOC-UNESCO, the Ocean Literacy Conference took place from 6 to 7 December to inspire and debate marine education and ocean literacy from a local perspective, focusing in particular on coastal cities, and to promote marine education at an early age.
GOVERNANCE AND LEADERSHIP

WMU IS GOVERNED BY A CHARTER ADOPTED BY THE IMO ASSEMBLY, WHICH IS MADE UP OF DELEGATIONS FROM 174 IMO MEMBER STATES AND 3 ASSOCIATE MEMBERS.

THE WMU REVISED CHARTER, ADOPTED BY THE 30TH SESSION OF THE IMO ASSEMBLY IN DECEMBER 2017, SETS THE COURSE FOR THE NEXT DECADE.

In accordance with the Charter, WMU’s governance structure consists of a Board of Governors (BoG) and an Executive Board (EB). The IMO Secretary-General is the WMU ex-officio Chancellor. The President directs and administers the University.

The BoG meets once a year and is responsible for exercising due governance of the University, ensuring the effectiveness and continuity of its operations, protecting the autonomous nature of the University within the framework of the IMO, and ensuring the maintenance of the highest academic and professional standards. The BoG is composed of up to 30 members who are appointed by the IMO Secretary-General for a renewable period of three years. The BoG meets annually and is chaired by the Chancellor. The reports approved by the BoG are submitted to IMO Council. The Chairperson of the Executive Board, the President of the University as well as the ex-officio member from the Government of Sweden attend meetings of the BoG.

The EB is composed of up to 11 members, 8 of whom are appointed by the BoG, while the IMO Secretary-General appoints the Chairperson of the EB. They have a renewable two-year term of office. The EB meets three times a year. In addition to performing functions specified in the Charter, it facilitates the work of the University; provides oversight between sessions of the BoG; monitors the implementation of the decisions of the Board of Governors; and gives directions and guidelines as necessary.

OUR STUDENTS

WITH 4,919 ALUMNI FROM 168 COUNTRIES, WMU HAS A REMARKABLE PRESENCE IN THE MARITIME SECTOR.

WMU graduates hold key positions in ministries, as heads of ports, heads of maritime education institutes and as director generals. Many represent their countries at international organizations, including the IMO and in the industry. The alumni maintain close ties with each other creating a unique maritime global network that increases by ~350 graduates annually.

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<thead>
<tr>
<th>Enrolled Students</th>
<th>2017</th>
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<tbody>
<tr>
<td>Malmö</td>
<td>124</td>
<td>133</td>
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<tr>
<td>PhD (continuing)</td>
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<tr>
<td>Dalian</td>
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<tr>
<td>Shanghai</td>
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<tr>
<td>M.Phil.</td>
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<tr>
<td>Marine Insurance</td>
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<td>15</td>
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<td>55</td>
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<tr>
<td>LLM</td>
<td>24</td>
<td>23</td>
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<tr>
<td>ESSP</td>
<td>(9 ESSP only)</td>
<td>(12 ESSP only)</td>
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<td>Total</td>
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<td>347</td>
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The President is appointed by the Secretary-General of the IMO to direct and administer the University, in accordance with the University’s Statutes, Regulations and Rules, strategic directions and plans. The President presides over the Academic Council, which assists in the coordination, promotion and implementation of the academic work programme of the University. The President is assisted by the Vice President International, the Vice President Academic, the Chief Operations Officer, and the Director of the Global Ocean Institute.

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ENROLLED STUDENTS 2017 versus 2018

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The total number of female graduates to date is 1,029 including 599 female graduates of the Malmö MSc programme.

267 2018 WMU GRADUATES
OUR PROGRAMMES

PhD in Maritime Affairs – Malmö, Sweden

Designed as a flexible research degree related to the IMO mission of safety, security and environmental protection, the PhD programme involves 3-6 years of study on a full or part-time basis at WMU or elsewhere. Specializations include:

- Maritime Administration: Law, Policy & Security
- Maritime Education & Training: Human and Organizational Development
- Maritime Energy Research
- Marine Environmental Research
- Maritime Risk & System Safety
- Shipping & Port Management
- Ocean Policy and Management

PhD students are either self-funded or supported by research projects. The PhD programme provides the University with both an income stream from tuition fees and significantly increases its publication and citation listings.

MSc in Maritime Affairs – Malmö, Sweden

Student enrolment in 2018 was 123 on the flagship Malmö-based MSc programme, including six students who joined the accelerated programme in January 2018. The proportion of MSc students (Malmö) who are funded by their employer, government, or from personal resources is an indicator of the University’s financial health. In 2018, 10 students (7.5%) were privately funded.

The MSc programme in Malmö offers:

- Maritime Safety & Environmental Administration
- Maritime Law & Policy
- Maritime Education & Training
- Port Management
- Shipping Management & Logistics
- Maritime Energy Management
- Ocean Sustainability, Governance & Management

In 2018, more than 100 visiting Professors and Guest Lectures from around the world have contributed to the work of WMU. These visiting maritime professionals provide unique and invaluable insight into the maritime industry and are a guarantor for practice-informed research and teaching at WMU.

2018 Malmö MSc – Enrolments by type of funding

<table>
<thead>
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<td>Donor funded students</td>
<td>93</td>
</tr>
<tr>
<td>Government/company funded students</td>
<td>30</td>
</tr>
<tr>
<td>Self-funded students</td>
<td>10</td>
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</tbody>
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2018 Graduates by Programme

<table>
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<td>PhD</td>
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<td>Total</td>
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MSc Outreach in China

Enrolment in the outreach MSc programme in Shanghai remained steady with a slight increase of 28 students enrolled in 2018 as opposed to 27 in 2017. It is of note that the Class of 2019 for the programme in Shanghai reached a WMU record for gender parity with female students representing 50 per cent of the enrolment. Decreased enrolment in Dalian, from 33 in 2017 to 17 in 2018, was due to a change of government policy, which affected many students. Despite the 2018 enrolment decrease in Dalian, it continues to be a strong interest in the China programmes.

Established in 2005, the outreach MSc programmes in China were designed to extend WMU’s professional education to a new and thriving clientele from the region and beyond and to meet the maritime industry’s demand for high-level specialized professionals in China’s maritime market. The MSc in International Transport & Logistics (ITL) is delivered in Shanghai in cooperation with Shanghai Maritime University. The MSc in Maritime Safety & Environmental Management (MSEM) is delivered in Dalian in cooperation with Dalian Maritime University. The 15-month intensive programmes are taught entirely in English and the entry requirements, grading system and quality assurance process are those in force at WMU.

MPhil

In 2017, WMU and the International Maritime Law Institute (IMLI), sister institutions founded by the IMO, welcomed the first student in the Master of Philosophy (MPhil) programme in International Maritime Law and Ocean Policy. The unique, two-year programme offers students the chance to spend their first academic year in Malmö, following WMU’s specialization in Ocean Sustainability, Governance and Management (OSGM), and the second academic year in Malta, following IMLI’s LLM programme. The MPhil has been designed to provide a unique learning opportunity for maritime professionals who aim to shape the future of the world’s oceans in accordance with Goal 14 of the UN 2030 Agenda for Sustainable Development. Graduates of the programme are expected to play an important role in developing national ocean governance policies to reflect the latest international initiatives, rules and regulations.

Distance Learning

WMU collaborates with internationally renowned partners to deliver a variety of distance learning programmes including an LLM and several Postgraduate Diplomas (PgDips). Partnerships with the Lloyd’s Maritime Academy and DNV GL Maritime Academy have resulted in five distance learning programmes that address current topics of critical importance in the maritime industry with a blended-learning approach. The new Maritime Safety and Security PgDip, designed in collaboration with DNV GL, had its first graduates in 2018 with 11 students.

The distance learning programmes offered in 2018 by WMU and our partners include:

Masters Degree

- LLM in International Maritime Law*
- Postgraduate Diplomas
  - International Maritime Law*
  - Marine Insurance*
  - Executive Maritime Management**
  - Maritime Safety and Security**

- in partnership with Lloyd’s Maritime Academy
- in partnership with DNV GL Maritime Academy

Executive and Professional Development Courses

WMU delivers Executive and Professional Development Courses (EPDCs) around the world, providing an opportunity for career updating and knowledge-sharing for maritime professionals. EPDCs range in length from a few days to several weeks and the blend of academic expertise and hands-on practical experience can be immediately applied in the workplace. Topics addressed meet current and future needs of the maritime market, particularly in key IMO-mandated areas. EPDCs can be customized to meet the educational requirements of a particular organization.

In 2018 the demand from the maritime industry for EPDCs was lower than in 2017. In 2018, courses were delivered in Germany, Poland and Sweden. Five EPDCs were delivered to four clients with 79 participants over 11 training days for a total of 77 training hours. In the previous year, six EPDCs were delivered to five clients with 119 participants over 19 days for a total of 119 hours.

English & Study Skills Programme (ESSP) – Malmö, Sweden

A new promotional effort for the ESSP was made in 2016. Open to students joining WMU’s standard MSc programme, or to independent students, the 3-month English & Study Skills Programme (ESSP) curriculum is designed to upgrade the English language competencies of the participants to postgraduate level. The programme begins in June and in 2018, 18 per cent of the Malmö MSc students joined the ESSP.
The WMU-Sasakawa Global Ocean Institute was inaugurated on 8 May 2018 with the generous support from The Nippon Foundation, the Governments of Sweden, Canada, and Germany, as well as the City of Malmö. The vision of the Institute is to act as an independent focal point for the ocean science-policy-law-industry-society interface where policy makers, the scientific community, regulators, industry actors, academics, and representatives of civil society meet to discuss how best to manage and use ocean spaces and their resources in accordance with the United Nations 2030 Agenda for Sustainable Development. In delivering the mission of the Institute, faculty and staff at the Institute undertake evidence-based research, capacity building programmes and outreach on a broad range of topics in contemporary ocean affairs.

The research undertaken by the Institute provides new perspectives on how to address the manifold threats facing the ocean. The Institute sets out to seek answers and to build knowledge that facilitates the conservation and sustainable use of the ocean and its resources. The Institute is committed to furthering ocean education and capacity building and contributes to WMU’s portfolio of postgraduate academic offerings including the PhD and MSc programmes. A core contribution is made by faculty and staff to the delivery of the Ocean Sustainability, Governance and Management (OSGM) MSc specialization. The capacity-building approach of the Institute focuses on lifelong learning, professionalism and engaging leadership skills in diverse cultural and social settings in accordance with the Charter of the United Nations.

Research was prioritized in the WMU Strategic Vision Plan 2016-2019. WMU undertakes research work for IMO and other UN agencies, the EU and for maritime organizations and the industry worldwide. In 2018 our research cooperation was strengthened and a major Research Agenda for the University was developed.

There are currently four maritime Research Groups established at WMU:
• Maritime Education & Training, Human and Organizational Development (METHOD)
• Maritime Energy (MarEner)
• Marine Environmental Research (MER)
• Maritime Risk and System Safety (MarRiSa)

In 2018, the Research Groups had continued success in attracting funding from a number of sources for research projects and consultancies. These projects generate significant gross income to WMU and enable the recruitment of research associates and research assistants whose employment costs are met from research contracts. As a result of the research efforts, the University not only contributes valuable knowledge to the maritime community, but also benefits from an enhanced publication record, reputation and international impact. In 2018, WMU research projects generated revenue worth USD 1.6 million.

WMU research has a real life impact and is guided by current challenges in the maritime and ocean sector. This was once again proven when in November 2018 WMU played a lead role together with IMO Staff in conducting a Hazard Identification (HAZID)/Scoping Exercise to identify safety issues pertaining to passenger ships on non-international voyages in Indonesia. The exercise was hosted by Indonesia’s Directorate General of Sea Transportation within the Ministry of Transportation and organized by the IMO and the United Nations Development Programme (UNDP). WMU's baseline research provided the basis for discussions of domestic ferry safety issues in Indonesia and enabled a holistic overview of the current situation. A comprehensive report providing recommendations on how to improve ferry safety in Indonesia with lessons learned for other countries will be published in 2019.
In 2018, the highlight of WMU events was the inauguration of the WMU-Sasakawa Global Ocean Institute (GOI) in tandem with the WMU 35th Anniversary dinner and followed by the hosting of the Global Ocean Conference that took place from 8 to 9 May. The WMU-Sasakawa Global Ocean Institute (GOI) was officially inaugurated on 8 May. The new Institute will act as an independent focal point for ocean-related research, dialogue and capacity-building. The celebrations were marked by a gathering of over 250 distinguished speakers and invitees from over 50 countries around the globe. The successful WMU Global Ocean Conference, from 8 to 9 May, brought together over 250 distinguished speakers and invitees from more than 50 countries. The outcomes of the conference served to inform the priorities of the GOI as well as strategies to ensure active engagement by stakeholders with the new Institute.

WMU partnered with several organizations on the delivery of events throughout 2018. WMU hosted a Liquefied Natural Gas (LNG) training workshop, offered by the Baltic Sea Region (BSR) Competence Centre through the GoLNG project, on 25 and 26 April.

From 15-16 May, WMU hosted the Second Meeting of Range States for the European Eel. The workshop was co-organized by the Convention on the Conservation of Migratory Species of Wild Animals (CMS) Secretariat and the Sargasso Sea Commission. The purpose of the workshop was to identify and prioritize the gaps in conservation and management efforts and chart a forward way.

As part of the Nordic Clean Energy Week, WMU hosted the Trends and Challenges in Maritime Energy Management Workshop on 22 May. The workshop brought together 50 participants and provided a forum for maritime stakeholders to examine opportunities and challenges in the field of maritime energy with the aim of achieving energy efficient and low carbon future for the maritime industry.

From 4 to 8 June, WMU participated for the third time with a booth at Posidonia, one of the largest gatherings for the global shipping industry that takes place biannually in Greece.

On 13 June, the International Organization for Standardization’s (ISO) Technical Committee 8 on Ships and Marine Technology, Subcommittee 2 on Marine Environment Protection (ISO TC8 SC2), in conjunction with their annual meeting that was hosted at WMU from 11-13 June, held a seminar for WMU faculty and students. The seminar provided an outline of the activities of the ISO TC8 SC2 as well as updated information on marine environment protection issues focused on by the International Maritime Organization (IMO) and the ISO.

The third annual KMI-WMU Seminar with the Korea Maritime Institute (KMI) took place in Busan, Korea on 28 June. The seminar was entitled Maritime Industry 4.0: Technology, Education and Business Model and included 50 participants.

From 29 to 30 August, the OceansTrends 2018 Scientific Seminar brought together over 150 participants from more than 60 countries. The Seminar focused on “Conservation and Sustainable Use of the Ocean - Supportive Technologies and Future Trends” and was offered in cooperation with the University of Nantes within the framework of the European programme Human Sea, funded by the European Research Council (ERC Advanced Grant 2013, n° 340770).

WMU partnered with the Marine Educational Association of Maritime Universities worldwide. Inter-agency seminars and workshops contributed to an intensified collaboration with UN maritime and oceans stakeholders. Internally, procedures were streamlined to achieve a more strategic approach to partnership development in support of the University’s mission and ensuring its long-term financial sustainability. In 2018, 21 Memoranda of Understanding with partners from government, private sector, academia, international organizations and foundations were successfully negotiated, signed and implemented.
HUMAN RESOURCES

IN 2018, THE INTERNATIONAL FACULTY CONSISTED OF 22 FULL-TIME AND 100 VISITING PROFESSORS FROM 30 COUNTRIES.

The WMU Faculty and Administration were strengthened in 2018 with the addition of nine new staff members: two Professors, two Assistant Professors, and a Lecturer. The University also welcomed a Research Officer, and two Associate Research Officers to support research projects at WMU.

Visiting Professors are an integral part of the academic experience at WMU. In 2018, over 100 Visiting Professors taught in the Malmö MSc programme, many from international organizations including the International Maritime Organization (IMO), the International Labour Organization (ILO), the UN Environment World Conservation Monitoring Centre (UNEP-WCMC), the United Nations Conference on Trade and Development (UNCTAD), the Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization (IOC-UNESCO), the World Wildlife Fund (WWF), the World Trade Organization (WTO) and the European Maritime Safety Agency (EMSA).

STAFF GROUP BY GENDER AS OF 31 DECEMBER 2018

<table>
<thead>
<tr>
<th>Group</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>31</td>
<td>11</td>
<td>42</td>
</tr>
<tr>
<td>General Service</td>
<td>2</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Research</td>
<td>3</td>
<td>8</td>
<td>11</td>
</tr>
</tbody>
</table>

- Professional: 26% Female
- General Service: 88% Female
- Research: 72% Female
CONTRIBUTIONS TO THE UN 2030 SUSTAINABLE DEVELOPMENT AGENDA

The United Nations (UN) 2030 Agenda for Sustainable Development, adopted by the UN General Assembly in 2015, includes a bold set of Sustainable Development Goals (UN SDGs). The 17 Goals and their targets are intended, inter alia, to guide the global efforts to end poverty, promote prosperity and well-being for all, protect the environment and address climate change.

Through its well-established education, capacity building and research agenda and recognizing that all the Goals are interrelated and indivisible, in 2018 WMU continued its direct and tangible contribution to the implementation of Global Goals 4, 5, 7, 8, 9, 13, 14, 16 and 17.

WMU’s proactive approach to Goal 5 of the SDGs regarding gender equality and the empowerment of women continued in 2018. Until the late 1990s, female students made up less than 5% of the Malmö intake. A recruitment strategy with strong support from fellowship donors has resulted in the proportion of female students rising to around a third of the annual intake in 2018. In addition, almost a quarter of WMU faculty are female.

INDUSTRY LIAISON GROUP

The shipping industry requires a cadre of well-educated, trained and skilled professionals to support the moving of 80% of the world trade. Mutually beneficial relationships between WMU as the preeminent maritime academic institution and the maritime industry are therefore indispensable.

To facilitate the WMU-industry partnership, it was decided in 2017 that the President, supported by an Advisory Group, should establish an Industry Liaison Group (ILG) involving key industry stakeholders reflecting a wide variety of maritime and oceans industry, value chain actors and expertise. Throughout 2018, the President met with senior management from across the maritime and ocean industries to informally discuss the ILG and to prepare WMU for a meaningful and holistic engagement with the private sector. The ILG is to create and strengthen mutually beneficial strategic relationships and partnerships between the university and maritime industry stakeholders, including in the area of research. It is also to serve as an expert information source on key trends and developments in the industry and to further support WMU’s mission and its contribution to the UN Sustainable Development Goals.

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**2018 ENROLMENT BY GENDER**

<table>
<thead>
<tr>
<th>Location</th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malmö</td>
<td>42</td>
<td>34</td>
<td>8</td>
</tr>
<tr>
<td>Shanghai ITL</td>
<td>31</td>
<td>25</td>
<td>6</td>
</tr>
<tr>
<td>Dalian MSEM</td>
<td>10</td>
<td>6</td>
<td>4</td>
</tr>
</tbody>
</table>

**2018 GRADUATES BY GENDER**

<table>
<thead>
<tr>
<th>Location</th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malmö</td>
<td>34</td>
<td>27</td>
<td>7</td>
</tr>
<tr>
<td>Shanghai ITL</td>
<td>24</td>
<td>19</td>
<td>5</td>
</tr>
<tr>
<td>Dalian MSEM</td>
<td>15</td>
<td>10</td>
<td>5</td>
</tr>
</tbody>
</table>
In support of the WMU Endowment Fund efforts, the Stewards of the Sea campaign was developed throughout 2018 to achieve the strategic objective of long-term financial stability, independence and sustainability of the University and to provide education, training, research, scholarship and capacity building in maritime and ocean related matters for government officials and industry stakeholders, particularly those in developing countries.

Supported by the Endowment Fund Committees and a resources mobilization and communication specialist, the University devised an Institutional Advancement and Communications Plan as the basis for strategic and systematic engagement with potential donors across a range of funding opportunities, including giving to the WMU Endowment Fund. In addition, strategic communication for external engagement was developed and included in a dedicated WMU Business Case brochure titled “Stewards of the Sea”. The implementation of Phase two of the Stewards of the Sea campaign began at the close of 2018 and will continue in 2019 with targeted outreach to foundations, high net worth individuals, the private sector and governments.

The following donors provided fellowships in 2018

The Nippon Foundation of Japan (30)
Government of Norway (13)
International Maritime Organization (11 + 1 co-funded)
ITF Seafarers’ Trust (5)
Government of Germany (5)
Australian Maritime Safety Authority (4)
Government of the Republic of Korea (4)
TK Foundation (4)
Government of The Netherlands (3 + 1 co-funded)
Orients Fond (3)
Government of the United Kingdom (2)
International Chamber of Shipping (2)
Stena Rederi AB (2)
Gard AS (1)
MPA Academy Singapore (1)
DONATIONS IN 2018

Contributions
Government of Sweden
Malmö City
The Nippon Foundation
Government of Canada
Government of Cyprus
Government of the Republic of Korea
Government of Malaysia
INMARSAT
DNV GL

Fellowships and Fees
International Maritime Organization
IMO Global Project

Governments
Argentina – Argentine Coast Guard
Australian Maritime Safety Authority
Kingdom of Bahrain MTT
Chile – Chilean Navy
China
– Dalian Maritime University
– Shanghai Maritime University
– Ministry of Transport
Colombian Navy
Germany – Ministry of Transport
Indonesia Endowment Fund for Education
Government of Indonesia
General Company of Ports Iraq
Republic of Korea
– Busan Port Authority
– Central Government
– Korea Institute of Maritime and Fisheries Technology
– Korean Register of Shipping

Mexican Navy
Government of the Netherlands
Nigerian Maritime Administration and Safety Agency
Norway – Norad
Panama – Institute for the Formation and Use of Human Resources
Peru Coast Guard
Philippines
– Coast Guard
– Philippine Merchant Marine Academy
– Philippine Ports Authority
Kingdom of Saudi Arabia
Maritime and Port Authority of Singapore
South Africa – Transport Education Training Authority
Republic of Turkey
Government of the United Kingdom

Industry
Azerbaijan Caspian Shipping Company
GARD
Indonesia Port Corporation
International Chamber of Shipping
International Transport Federation
Maersk
Svenska Rederi AB

Non-Governmental Organizations
ITF Seafarers’ Trust
Korea Maritime Pilots’ Association
The Nippon Foundation
Orients Fond
TK Foundation
World Nuclear Transport Institute

FIELD STUDIES

Students in the Malmö MSc benefit from a unique programme of field studies at host organizations such as shipping companies, port authorities, maritime administrations and other governmental and non-governmental organizations around the world. Cooperation with a range of global institutions offers students a unique opportunity to experience the application of the latest theories and technologies in real-life maritime situations, and to forge bonds with a network of maritime professionals worldwide. Field studies are a highlight of the WMU experience and vary each year by specialization. In 2018, students benefited from the generosity of field study host organizations in Chile, China, Denmark, Finland, Germany, Greece, Italy, Japan, Republic of Korea, Norway, the Philippines, Singapore, Sweden and the United Kingdom.

HONORARY AWARDS

At the Class of 2018 graduation ceremony on 4 November, WMU’s Chancellor and the IMO Secretary-General, Mr. Kitack Lim, conferred several honorary awards. Doctor of Science, honoris causa was awarded to Ms Isabella Lövin, Deputy Prime Minister of Sweden and International Development Cooperation and Climate, in recognition of her outstanding work and deep commitment to safeguarding the future of the world’s oceans.

Dr Olof Linden was awarded Professor Emeritus in recognition of his service to WMU as a Professor for almost fifteen years, as holder of The Nippon Foundation Chair in Marine Environmental Management, and as head of the Marine Environment and Ocean Management specialization and as Director of Research and the Doctoral Programme.

Dr Michael Ircha was awarded Honorary Professor in recognition of his service to WMU as a Visiting Professor for twenty years, and supporting and mentoring generations of WMU students, both in Malmö and in Shanghai, in his specialist field of ports and logistics.

Mr Fidel Reyes Melendez was awarded Outstanding Alumnus in recognition of his service as a member of WMU’s Board of Governors since 2015, his support of WMU through his role as Director of the International Office at Peru’s DICAPI, and his personal support and work for the WMU Regional Conference for the Americas in 2017.

Mr Iván Valenzuela Bosne was awarded Outstanding Alumnus in recognition of his lengthy service as a Visiting Professor at WMU, as an active member of the Board of Governors since 2012, and having served with great distinction as Director of Maritime Safety, Security and Operations in DIRECTEMAR, Chile’s maritime administration.
FINANCES

The Government of Sweden and the City of Malmö continue to provide considerable support to the University. All donors that provide contributions to the operational budget, student fellowships, Visiting Professors and field study opportunities are greatly appreciated including in-kind contributions that support the financing and core activities of the University.

Financial Outcome (General Fund) for the years 2016 to 2018 (in thousand USD)

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donor Contributions</td>
<td>4,240</td>
<td>5,341</td>
<td>5,286</td>
</tr>
<tr>
<td>Fellowship and Fees</td>
<td>5,714</td>
<td>7,076</td>
<td>6,544</td>
</tr>
<tr>
<td>Commercial and Reserve Generating Activities</td>
<td>1,590</td>
<td>1,694</td>
<td>1,386</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>452</td>
<td>512</td>
<td>575</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>11,997</td>
<td>14,622</td>
<td>13,790</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditure</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff and other Personnel Costs</td>
<td>6,299</td>
<td>7,619</td>
<td>7,410</td>
</tr>
<tr>
<td>Travel</td>
<td>529</td>
<td>630</td>
<td>715</td>
</tr>
<tr>
<td>Supplies, Consumables and Other Running Costs</td>
<td>1,047</td>
<td>1,192</td>
<td>1,201</td>
</tr>
<tr>
<td>Cost of Sales of Inventory</td>
<td>9</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Outsourced Services</td>
<td>373</td>
<td>405</td>
<td>462</td>
</tr>
<tr>
<td>Student Direct and Training Costs</td>
<td>2,596</td>
<td>3,216</td>
<td>2,860</td>
</tr>
<tr>
<td>Depreciation</td>
<td>201</td>
<td>222</td>
<td>159</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>485</td>
<td>543</td>
<td>221</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>11,519</td>
<td>13,838</td>
<td>13,039</td>
</tr>
</tbody>
</table>

| Surplus                          | 478   | 784   | 784   |
| Currency Exchange Difference     | 926   | 0     | 1,234 |
| **Transferred to Reserves**      | 1,404 | 784   | 1,985 |

The 2018 Financial outcome reported total revenue of USD 13.8 million and total expenditure of 13.0 million. The total amount transferred to the reserves was USD 2.0 million.

The University is steadily building up its Reserve Fund, attributed to the surplus it generated in recent years which is transferred to form part of the Reserve and Fund Balances. The Reserve and Fund Balances of USD 9.9 million correspond to a 19% increase compared to the end balance of 2017 of USD 8.3 million.

The Reserve and Fund Balances of USD 9.9 million can cover 75% or 9 months of sustainable support for a calendar year of operation for the University.

<table>
<thead>
<tr>
<th>Donors</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government of Sweden</td>
<td>18%</td>
<td>16%</td>
</tr>
<tr>
<td>The Nippon Foundation</td>
<td>19%</td>
<td>23%</td>
</tr>
<tr>
<td>Self-financed</td>
<td></td>
<td>2%</td>
</tr>
<tr>
<td>Government of the Philippines</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>IMO Global Project</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Ministry of Transport, China</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Republic of Korea/IMO</td>
<td>3%</td>
<td>1%</td>
</tr>
<tr>
<td>Government of Norway</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Swedish Agency for Water and Marine Management (SwAM)</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>International Transport Federation Seafarers' Trust</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Ministry of Transport, Germany</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>TK Foundation, UK</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>SSDA</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Dalian Maritime University</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>Government of Canada</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Stena Rederi AB</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>IMMA/DMS</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Orientes Fond</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Others</td>
<td>17%</td>
<td>22%</td>
</tr>
<tr>
<td>Malmö City (in-kind, equivalent to)</td>
<td>18%</td>
<td>14%</td>
</tr>
<tr>
<td>United States (in-kind, equivalent to)</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>

The 2018 figures are based on the actual receipt of contributions while the 2019 figures represent the forecasted budget for receipt of contributions.
The World Maritime University was established in 1983 within the framework of the International Maritime Organization, a specialized agency of the United Nations.