



聖若瑟大學
UNIVERSITY OF
SAINT JOSEPH
MACAO



2023/24

UNIVERSITY OF
SAINT JOSEPH

SUSTAINABILITY REPORT

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INTRODUCTION

The United Nations’ [Sustainable Development Goals](#) (SDGs) are a call to action to tackle the main challenges facing humanity and our planet today. The SDGs propose a blueprint identifying opportunities to make our world more inclusive, peaceful, and sustainable by 2030.

Universities are important drivers for the realization of these goals, due to our role in shaping and empowering the next generation, creating a bridge between research and industry, serving as a platform for debate, contributing to policy development, and disseminating competences and skills to the wider community.

The University of Saint Joseph (USJ) assumes the commitment to contribute to sustainability as part of our core [mission and strategy](#) of promoting a caring and ethically responsible, economically, socially, and environmentally sustainable society.

USJ contributes to the SDGs in three ways: (1) by conducting and disseminating impactful SDG related research; (2) by embedding the SDGs in our campus life through teaching and learning, our operations, and our internal policies; and (3) by community engagement and outreach activities.

UNIVERSITY OF SAINT JOSEPH



USJ

Helping shape a sustainable,
peaceful and green future.





SDG 1

NO POVERTY

End poverty in all its forms everywhere

SELECTED RESEARCH

Diakite, A. D. (2023). Perspectives of Local Communities on the Impact of Chinese Aid: A Case Study of China's Aid Projects in the Education Sector in Guinea. *Journal of Globalization Studies*, 14(2), 85-103.

SDG 1

NO POVERTY

End poverty in all its forms everywhere

EQUAL ACCESS

At USJ, we are aware that education is a powerful tool for addressing poverty. Equal access to education can help students from low-income backgrounds find success, build more resilient communities, and create positive change. To promote accessibility, USJ has established [policies](#) for admission and success targets, as well as [financial](#), [housing](#), [academic](#), and [counselling](#) support measures targeting local and international students from low-income backgrounds.

As the COVID-19 epidemic worsened in our region at the start of 2020, several students faced unexpected financial pressures. In response, USJ quickly established a [Hardship Fund](#) to help release students from those pressures and allow them to continue their studies. In the 2023-2024 academic year, 103 [scholarships and fellowships](#) were awarded; a little over 5% of our low-income students received financial aid, among whom 71% were from developing countries.

ENTREPRENEURSHIP AND SUSTAINABLE BUSINESSES

Sustainable businesses contribute to economic development and positively impact the community. USJ partners with the local [government and other organisations](#) to provide opportunities for entrepreneurs to develop sustainable businesses. We are committed to offering start-up opportunities through training programmes, capital investment, resource allocation, sharing of space, and networking.

In the 2023-2024 academic year, several key activities took place, including the expansion of networks by the [Macao Spin Incubator](#) through [visits](#) to the Macao Government and Consulates in Macau. These efforts aim to promote economic development and innovation. Additionally, we co-hosted a [seminar](#), which was marked by the signing ceremony of the Establishment of the USJ Sino-Lusophone Business Incubation Base. This seminar is designed to support young entrepreneurs and cultivate innovation.



In the 2023-2024 academic year, a little over **5%** of our students were low-income students receiving financial aid, among which 71% of them were from developing countries.

ACCESS TO BASIC SERVICES

To promote access to basic resources – such as food, water, and housing – for economically marginalised groups, our students engaged in volunteer [teaching programme](#) in the academic year 2023-2024. Additionally, USJ students attended an [Info-Session](#). Our students benefitted from their participation by gaining valuable understanding of different startup support programmes.

NEWS & EVENTS

News & Events	Release Date
USJ Students Volunteer in English Teaching Programme in Saint Paul Institute, Cambodia	Jun 2024
Macau Spin Incubator Expands Network through Visits to Macao Government and Consulates in Macao SAR	Mar 2024
USJ Macao and De La Salle Group Institutions in the Philippines Forge Academic Partnership for Collaborative Enrichment and Innovation	Mar 2024
USJ held Career Fair 2024 with the theme “Career Exploration”	Mar 2024
USJ launches Sino-Lusophone Business Incubation Base	Feb 2024
Signing Ceremony of the establishment of the USJ Sino-Lusophone Business Incubation Base and the “Macao Youth Innovation and Entrepreneurship Policy Seminar”	Feb 2024
USJ visited Guangdong-Macao In-Depth Cooperation Zone in Hengqin	Dec 2023
BBA Students Attend Info-Session to Learn About Start-Up Support Programmes in HK & Macao	Nov 2023

News & Events	Release Date
Consulate-General of France in Hong Kong and Macao visits USJ and Delivers Scholarships for Study and Research Opportunities	Nov 2023
103 Scholarships and Fellowships Awarded at the 2023/24 USJ Community Scholarships and Fellowships Award Ceremony	Oct 2023
Faculty of Business and Law adds new Guangzhou Partners to its GBA Network	Oct 2023
FBL Masters’ Talk Discusses Guangzhou-Nansha “10 New Measures” for Young Entrepreneurs	Sep 2023



SDG 2

ZERO HUNGER

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

SELECTED RESEARCH

Lampo, A., & Sun, H. T. (2023). Acceptance of Insects as Food: An Exploratory Study of Young Consumers in Macau. *Indian Journal of Entomology*, 1–7.

Figueira-de-Lemos, F., Silva, S. C., Pinto, R. P., & Kury, B. (2024). Impacts and Trends on Global Supply Chain After COVID-19 Outbreak. *Thunderbird International Business Review*, 66(6), 531-547.

SDG 2

ZERO HUNGER

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

DINING SERVICES

Lack of access to food is a leading cause of death worldwide ([UN](#), 2021). Although Macao is a relatively wealthy city, USJ recognises the different needs of students from various socio-economic backgrounds and with different eating habits. To ensure that students and staff have equitable access to healthy, nutritious and affordable food, we are making efforts to improve our canteen services. These services cater not only to USJ members but also to students and staff of a [local secondary school](#). We are increasing the availability of healthy, affordable, and sustainable food choices, including vegetarian and vegan options.

To contribute to reducing food waste, a [food waste monitoring](#) system has been introduced in our campus canteen. USJ is demonstrating its commitment to sustainable practices by organising public lectures on [food waste](#) and [water footprints](#). These initiatives support the global goal of achieving zero hunger.

In the academic year 2023-2024, USJ offered a course on [sustainable food production](#), which is in line with SDG 2's goal of achieving food security, improving nutrition and encouraging sustainable agriculture.

FOOD WASTE REDUCTION

“Food Waste is a global tragedy,” stated Inger Andersen, Executive Director of the [United Nations Environment Programme](#). According to the latest [Food Waste Index Report 2024](#) by the UNEP, approximately 19% of the food available to consumers was wasted, totalling around 1.05 billion tonnes in 2022. Additionally, around 13% of food is lost in the supply chain, from post-harvest processes up to the point of sale.

NEWS & EVENTS

News & Events	Release Date
Public Lecture Winnow: Revolutionizing Sustainable Food Waste Management with AI	Jun 2024
Public Lecture An Introduction to Water Footprints: Changing Paradigms on Water Management Using Food Consumption Patterns	Jan 2024
ESST 2023 Symposium on Environmental Science and Sustainable Technology	Oct 2023



3 GOOD HEALTH AND WELL-BEING



SDG 3

GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

SELECTED RESEARCH

Ribeiro, P., Marques, J. A. L., Pordeus, D., Zacarias, L., Leite, C. F., Sobreira-Neto, M. A., Peixoto, A. A., de Oliveira, A., Madeiro, J. P. do V., & Rodrigues, P. M. (2024). Machine learning-based cardiac activity non-linear analysis for discriminating COVID-19 patients with different degrees of severity. *Biomedical Signal Processing and Control*, 87, 105558. <https://doi.org/10.1016/j.bspc.2023.105558>

Ng, S. O. K. M., & Caires, C. S. (2023, November). Empirical Studies on the Conditions of Achieving Interactive Mindfulness Through Virtual Reality Single User Experience in Macao. In *International Conference on Entertainment Computing* (pp. 329-334). Singapore: Springer Nature Singapore.

SDG 3

GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

MENTAL-HEALTH EDUCATION

Mental Health and well-being are essential for a sustainable society. In the 2023-2024 academic year, over 8% of our students graduated with degrees in the field of Psychology, equipped to enhance the mental health and well-being of their communities.

POLICIES AND SUPPORT SERVICES

USJ is a [smoke-free campus](#) as smoking is not allowed on campus. This is in compliance with the [Macao Regime for Prevention and Control of Tobacco Use](#). The use of tobacco products is prohibited in enclosed buildings and facilities, as well as during events, both indoors and outdoors. Under the [Alcohol and Illegal Substances Policy](#), USJ is committed to maintaining an environment that is free from substance abuse.

COLLABORATIONS

Partnerships are important in making progress on the Sustainable Development Goals (SDGs). USJ partners with the Macao government and other organisations to enhance the health of Macao's population.

In the 2023-2024 academic year, USJ promoted good health and well-being through several initiatives. One of the initiatives is the [USJ Blood Drive 2024](#), an annual event that encourages the USJ community to contribute to health and wellness. Additionally, USJ joined the [GBA Physical Education and Sport Development Alliance](#), which focuses on enhancing physical education and sports development. Furthermore, USJ [collaborated with a local enterprise](#), Macau Konghon Biomedical Technology Development Group Co. Ltd, to establish a Joint Research Institute, which aims at advancing research and development in biomedical technology to successfully tackle the community's health needs.

HEALTH SERVICE

We provide mental health support to the community at a reduced rate through our [counselling services](#). These services also provide referrals to academic mentoring services. We also promote physical health through our sports facilities shared with a [local secondary school](#).

8%



In the 2023-2024 academic year, over **8%** of our students graduated with degrees in the field of Psychology.

NEWS & EVENTS

News & Events	Release Date
FHS’s Department of Social Work holds Self-Discovery Workshop for Students	Jul 2024
The Social Welfare Bureau Hosted a Seminar on Gambling Prevention for Social Work Students	Jun 2024
Survey Student Life in USJ for the Academic Year 2023/2024	May 2024
OSAA Hosted an “Exam Support Station” to Spread Positivity During Finals Season	May 2024
USJ Macao participate in the “17th AUAP Learning and Sharing Forum on Health and 9th Allied Health Sciences Symposium (AHSS)” and signed a MoU with Southville International School and Colleges (SISC), Philippines	May 2024
President of the Mental Health Commission of Macao, Dr. Ho Chi Weng, Shares his Expertise with Social Work students	May 2024
USJ and UCP Collaborates in Project on Families and Technology	May 2024
USJ Holds Opening Ceremony of “USJ-Kong Hon Academy for Cellular Nutrition and Health” and The First Cellular Health Research Symposium	Apr 2024
BeCool Anti-Drugs Preventive Talk in USJ	Apr 2024

News & Events	Release Date
USJ Faculty of Health Sciences shares “Ageing Society” with young people	Apr 2024
USJ’s Department of Social Work Co-organises “World Social Work Day Seminar” with Professional Council of Macao Social Workers and Women’s General Association of Macau	Apr 2024
The Department of Social Work of the Faculty of Health Sciences conducted a Self-Exploration Workshop for the students of CDSJ 5	Apr 2024
USJ Blood Drive 2024	Mar 2024
USJ and Macau Konghon Biomedical Technology Development Group Co. Ltd. Signs Memorandum of Academic Cooperation	Jan 2024
2023 International Symposium on Children and Youth Health and Well-being	Nov 2023
USJ becomes new Committee Member of the GBA Physical Education and Sport Development Alliance	Nov 2023
USJ and Doctoral Think Tank Organise International Young Doctoral Forum to Promote the Development of the Healthcare Industry	Nov 2023
USJ Holds Third Forum of Psychology	Nov 2023

News & Events	Release Date
<u>Sustainable Business Series The Business of Health and Well-being Round Table – Rethinking to Promote a Better Quality of Health and Well-being in the Workplace</u>	Nov 2023
<u>USJ and ARTM Forge Strong Partnership in Social Development Initiatives</u>	Nov 2023
<u>2023 “Along with Youth” Forum on SEN and Inclusive Education Development</u>	Nov 2023
<u>International Young Doctoral Forum: Development and Opportunities of Macao’s Big Health and Medical Tourism Industry</u>	Nov 2023
<u>FBL’s Prof. Florence Lei Shares Expertise at Macau Slot’s Annual Responsible Gambling Workshop</u>	Nov 2023
<u>USJ’s International Symposium addresses Challenges and Explores Strategies for Sustainable Well-being in Children and Youth</u>	Nov 2023
<u>“2023 Greater Bay Area Children and Youth Development Roundtable” held successfully at USJ</u>	Oct 2023
<u>World Mental Health Day USJ & Caritas Lifehope Hotline</u>	Oct 2023
<u>2023 Guangdong–Hong Kong–Macao Greater Bay Area “Children and Youth Development Roundtable”</u>	Oct 2023
<u>USJ Qualitative Research Team Provides Training on Qualitative Data Analysis for SKH</u>	Oct 2023



News & Events	Release Date
<u>The Faculty of Health Sciences and Caritas Lifehope Hotline Hold Session on Mental Health</u>	Oct 2023
<u>“Food in a Flash” Research Findings Presented at Press Conference</u>	Sep 2023
<u>Macao Observatory for Social Development and Rotaract D3450 Holds Lecture on Mental Health</u>	Sep 2023



4 QUALITY EDUCATION



SDG 4

QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

SELECTED RESEARCH

Lobo Marques. (2023). The (non) standardized classroom – the analysis of three different cultures in the higher education systems – Angola, Brazil and Macau SAR, China. In *Disentangled Vision on Higher Education: Preparing the Generation Next* (pp. 329–351). Peter Lang. <https://www.peterlang.com/document/1266828>

Tagulao, K. A. (2022). Nature-Based Solutions for Environmental Education in the East Asian Context. In C. Vasconcelos & C. S. C. Calheiros (Eds.), *Enhancing Environmental Education Through Nature-Based Solutions* (pp. 361–370). Springer International Publishing. https://doi.org/10.1007/978-3-030-91843-9_21

SDG 4

QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

FIRST GENERATION STUDENTS

Obtaining a higher education degree is important for breaking cycles of exclusion. In the 2023-2024 academic year, about 3% of our enrolled students reported they were the first in their immediate families to enrol in university.

TEACHER TRAINING

USJ invests greatly in the training of the next generation of teachers. In the 2023-2024 academic year, slightly more than 43% of our graduates obtained teaching qualifications, among which a fraction above 43% of graduates obtained primary school teaching qualifications.

LIFELONG LEARNING

To support the integration of learning throughout life, USJ offers a variety of services and activities targeting the wider community. Our [policy](#) ensures that all services and activities are accessible to all, regardless of age, ethnicity, religion, disability, or gender. Our educational [outreach programme for prison inmates](#), running since 2009, provides incarcerated individuals access to higher education and contributes to their eventual reintegration into society.

The [University Library](#) is open to the community, welcoming readers even if they are not students or staff members. USJ provides [public events](#), [vocational training programmes](#), and [education outreach activities](#) for the community's continued learning.

3%



In 2023-2024 academic year, about **3%** of our enrolled students reported they were the first in their immediate families to enrol in university.

43%



In the 2023-2024 academic year, slightly more than **43%** of our graduates obtained teaching qualifications, among which a fraction above **43%** of graduates obtained primary school teaching qualifications.

DEDICATION TO QUALITY EDUCATION

USJ is dedicated to delivering inclusive, quality education through a range of educational programmes and initiatives. [USJ Rector, Rev'd Prof. Stephen Morgan](#), is a [member](#) of the [Macao Higher Education Committee](#). During the academic year 2023-2024, we organised several

activities, including field visits, study tours, workshops and lectures. Notably, we concluded a [2024 Summer Student Researcher Training Programme](#), underscoring our commitment to supporting student research and innovation. Additionally, a [Seminar on the Future of Teacher Education](#) was held to promote a culture of continuous learning.

NEWS & EVENTS

News & Events	Release Date
USJ Student Attends the 9th AUAP Global Leadership Program in Bangkok, Thailand	Aug 2024
2024 Summer Student Researcher Training Programme Concludes	Aug 2024
Study Tour Programme for Visiting Medical Students from Shaoxing University Opening Ceremony at USJ	Jul 2024
The “CLEAR Project Team visits partner kindergartens to explore the development of early literacy	Jul 2024
Exploring Wuhan: USJ Delegation Visited Mainland’s Universities and Enhanced Exchange Opportunities	Jun 2024
USJ Students Receive Excellence Award in Youth National Education Competition	Jun 2024
USJ Organises Visit to National Security Education Exhibition for Staff and Students	Jun 2024

News & Events	Release Date
The Department of Social Work provided a training workshop for teachers of Escola Choi Nong Chi Tai	May 2024
Pioneering Inclusive Education Initiatives Conclude Successfully at Salesiano School and Choi Nong School	May 2024
School of Education hosted the “10th Anniversary Celebration of the Postgraduate Diploma in Education Programme” and the “Seminar on the Future of Teacher Education”	May 2024
Exploring Nansha: OSAA organised a two-day learning tour to the Greater Bay Area	May 2024
PGDE Public Lecture on “The Evolving Roles and Adaptability of Teachers”	May 2024
The Department of Social Work of the Faculty of Health Sciences conducted a Self-Exploration Workshop for the students of CDSJ 5	Apr 2024
CDSJ5 F5 Students Experience USJ Campus Life	Apr 2024
Experiential Learning: USJ Students Onboard on the “MV Xue Long 2” in Hong Kong	Apr 2024
The World of Seagrasses and Mangroves: Engaging Young Minds at TIS	Mar 2024
Bachelor of Education Students Host Engaging Workshop at Fátima School	Mar 2024

News & Events	Release Date
[Mais Magazine] USJ em Portugal: Uma ponte para o futuro do intercâmbio académico e cultural	Mar 2024
BBA Field Visit to Tak Seng On and BNU	Feb 2024
USJ Students Excel in Macao-Wide English Essay Competition 2024	Feb 2024
USJ Qualitative Research Team Continues to Provide Training on Qualitative Data Analysis for Sheng Kung Hui (SKH)	Feb 2024
Delegation led by Secretary-General of the Permanent Secretariat of the Forum Macao visits USJ	Jan 2024
Photo Competition In Celebration of the 24th Anniversary of the Establishment of the Macao Special Administrative Region	Jan 2024
DLCRE/GEGCLEAR'S Online Parent Seminars Project Concluded With Success	Dec 2023
USJ Students and Teachers Visit Guangzhou Universities for Exchange and Learning in the Greater Bay Area	Dec 2023
USJ SA Business Club's Experience Trip to Guangzhou Panyu Polytechnic	Dec 2023
Counselor Zhang Yiqun presented a public lecture at USJ	Dec 2023



News & Events	Release Date
<u>USJ Hosts Educational Exchange for Delegation from Dong Zong Malaysia</u>	Dec 2023
<u>BBA Students Attends Info-Session to Learn About Start-Up Support Programmes in HK & Macao</u>	Nov 2023
<u>USJ holds 2023 Mainland Students' Symposium</u>	Nov 2023
<u>USJ School of Education Participated in the IV Uniservitate Global Symposium</u>	Nov 2023
<u>USJ Students Learn About Green Practices at Sands China's Eco-Sustainability Tour</u>	Nov 2023
<u>USJ Delegation Visited Hunan on a National Development Learning and Exchange Tour</u>	Nov 2023
<u>Students Attended Inspiring Live Theatre Performance 'Da Di Zhi Guang' Macau Tour</u>	Oct 2023





SDG 5

GENDER EQUALITY

Achieve gender equality and empower all women and girls

SELECTED RESEARCH

Harsløf, I., & Zuev, D. (2022). Temporary transnational labour mobility and gendered individualization in Europe. *Mobilities*, 0(0), 1–18. <https://doi.org/10.1080/17450101.2022.2092417>

SDG 5

GENDER EQUALITY

Achieve gender equality and empower all women and girls

EQUAL ACCESS TO EDUCATION AND WORK

Gender equality is necessary for a more fair and sustainable society. An important contribution to that goal is equal access to education and employment opportunities. Our policies on [Admission](#), [Equality and Diversity](#), [Non-discrimination](#) and [Anti-harassment](#) are designed to ensure equal access and prevent discrimination based on gender or sexual orientation. We also have established [appeal processes](#) to promote transparency and accountability.

To support families, USJ has a generous maternity and paternity paid [leave policy](#) for the staff. USJ established a [partnership with a nursery](#) that provides childcare facilities at reduced rates for our staff, making it easier for parents to choose to actively participate in the job market.

In the 2023-2024 academic year, about 58% of our total student body were female, around 27% of our total staff were female, and slightly above 21% of our staff in senior positions were female.

Slightly above **21%** of our staff in senior positions were female.



DEDICATION TO ADVANCING GENDER EQUALITY

During the academic year 2023-2024, USJ organised various events and initiatives designed to create an inclusive and equitable learning environment that promotes gender equality for all. One of these initiatives was a workshop organised through a partnership between the [Macao Language Exchange and Culture Promotion Association \(LECPA\)](#) and the USJ Green Committee titled "[Gender & Culture](#)".

Additionally, a [talk](#) delivered by USJ's female Vice-rector, Dr. Teresa, was also organised to celebrate the International Women's Day. These initiatives highlight our dedication to advancing gender equality and supporting women in leadership roles.

27%

Around **27%** of our total staff were female.



58%

About **58%** of our total student body were female.



NEWS & EVENTS

News & Events	Release Date
Gender Equality Workshop: Gender & Culture	Apr 2024
Vice-Rector Dr. Teresa talks on “Invest in Women – Accelerate Progress”	Mar 2024





SDG 6

CLEAN WATER AND SANITATION

Ensure availability and sustainable management
of water and sanitation for all

SELECTED RESEARCH

Tagulao, K. A., Bernardo, A. B. I., Kei, L. H., & Calheiros, C. S. C. (2022). Mangrove Conservation in Macao SAR, China: The Role of Environmental Education among School Students. *International Journal of Environmental Research and Public Health*, 19(6), 3147. <https://doi.org/10.3390/ijerph19063147>

SDG 6

CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and
sanitation for all

WATER STEWARDSHIP

Water is an essential and finite resource that should be protected. At USJ, we are committed to our Green Campus [Environmental Action Plan](#), which incorporates rainwater harvesting and recycling systems. As an environmentally conscious institution, the USJ campus features water dispensers on each floor of the academic building and twelve in the residential hall, totalling nineteen water dispensers. These water dispensers provide access to free drinking water and encourage students and staff to use reusable water bottles, reducing plastic consumption and waste. This initiative highlights the University's considerable efforts towards achieving SDG 6, which aims to ensure access to clean water and sanitation.

WATER CONSERVATION

USJ supports water conservation off campus and collaborates with the local government and NGOs to ensure clean water resources are maintained. Much of our Institute of Science and Environment's direct action is focused on [mangrove conservation](#). Among the many ecosystem benefits of mangroves, coastal protection and their ability to filter toxic materials make them crucial battlegrounds in the fight for the conservation of water resources.

In the academic year 2023-2024, USJ engaged in different initiatives to promote clean water. One of the initiatives included a [visit](#) to [Suez](#) and [Macao Water](#), which provided valuable insights into innovative solutions for water conservation and sanitation. Additionally, USJ organised a study visit to the [T-Park Sludge Incinerator](#), which stressed the importance of sustainable waste management practices, contributing to cleaner water and healthier ecosystems.



SDG 7

AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all

SELECTED RESEARCH

Lampo, A. and Silva, S.C. (2024), "Diffusion of Technologies: Delivering on the Promises of Battery Electric Vehicles", van Tulder, R., Grøgaard, B. and Lunnan, R. (Ed.) *Walking the Talk? MNEs Transitioning Towards a Sustainable World (Progress in International Business Research, Vol. 18)*, Emerald Publishing Limited, Leeds, pp. 223-235. <https://doi.org/10.1108/S1745-886220240000018016>

Weng Chi Lei, & Tai, O. T. (2023). *Impacts of Policies and Infrastructure on the Usage of Electric Vehicles in Macao* [Conference]. 2023 Symposium on Environmental Science and Sustainable Technology (ESST2023), University of Saint Joseph, Macao, China. https://ise.usj.edu.mo/wp-content/uploads/2023/10/ESST2023-AbstractBooklet_2023-10-19-lres.pdf

SDG 7

AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all

EFFICIENT FACILITIES

Excessive use of fossil fuels is the major cause of climate change in the world today. At USJ, we are committed to using alternative and cleaner energy sources, such as solar panels, and solar-powered water heating, and to reducing our energy needs through the use of low energy consumption and LED bulbs. Launched in 2019, our fully equipped [Green Campus](#) incorporates green technologies for the reduction of energy consumption, including solar power electricity panels, solar-powered hot water heating, energy recovery in ventilation systems and chillers, low consumption bulbs and LED bulbs, low transmission glazing,

crossflow ventilation chimneys, rainwater harvesting and recycling systems, ledger green strips and fins, and rooftop gardens.

CLEAN ENERGY INITIATIVES

In the academic year 2023-2024, USJ highlighted the importance of affordable and clean energy by organising [study visit](#) and [event](#) providing insights into innovative technologies that convert waste into clean energy and renewable energy solutions, emphasising our commitment to affordable and sustainable clean energy.

NEWS & EVENTS

News & Events	Release Date
MESM Students Explore Innovative Waste-to-Energy Facility on Hong Kong Study Visit	Feb 2024
ESST 2023 Symposium on Environmental Science and Sustainable Technology	Oct 2023

SDG 7

7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



SDG 8

DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SELECTED RESEARCH

Silva, M. R. (2023). Human Resource Management and Employee Relations in Angola: Challenges and Opportunities. Employee Relations and Trade Unions in Africa: A Critical Approach, 1-26. https://doi.org/10.1007/978-3-031-26825-0_1

Lei, W. C. & Lampo, A. (2024). Fintech Adoption: A Study of Users in the Guangdong-Macao In-Depth Cooperation Zone in Hengqin (China). *The INTI Journal*, 2024(02), 1-6. <http://eprints.intimal.edu.my/1912/>

SDG 8

DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

EMPLOYMENT PRACTICES

Promoting an inclusive and fair workplace is essential in creating decent work environments and fostering economic growth. Our policies on [Equality and Diversity](#), [Non-discrimination](#) and [Anti-harassment](#), ensure equal access to employment and prevent discrimination based on age, physical ability, gender, sexual orientation, economic status, ethnicity, religious affiliation, or political persuasion. [Appeal processes](#) are also in place to promote transparency and accountability. USJ is committed to paying all our staff above the Macao living wage. We are dedicated to the eradication of human trafficking, slavery and other abuses of freedom and rights, as reflected in the [USJ Anti-Slavery Statement](#). USJ strongly oppose such practices in all the university operations and supply chains.

STUDENT WORK PLACEMENT

In the 2023-2024 academic year, over 21% of our students participated in work placements or internships. We continue to seek more opportunities for work placements or internships with local and international companies and organisations in different industrial sectors in Macau. Through these initiatives, our students will be well-prepared to face the challenges of the global workplace.

In 2023-2024 academic year, over **21%** of our students participated in work placements or internships.



NEWS & EVENTS

News & Events	Release Date
<u>Asia Pacific Social Work Student Conference 2024</u>	Jul 2024
<u>SSEME 2024 2nd International Conference on Social Sciences, Economics, Management, and Education in Qingdao, China</u>	Jul 2024
<u>DOCTORAL TALKS IN CITY “UNESCO MIL CITIES: A Citizen-Centred Development Paradigm”</u>	Jun 2024
<u>SUSTAINABLE FUTURES Department of Architecture and Design Lecture Series Spring 2024</u>	May 2024
<u>Macau Spin Incubator Expands Network through Visits to Macao Government and Consulates in Macao SAR</u>	Mar 2024
<u>USJ launches Sino-Lusophone Business Incubation Base</u>	Feb 2024
<u>Signing Ceremony of the establishment of the USJ Sino-Lusophone Business Incubation Base and the “Macao Youth Innovation and Entrepreneurship Policy Seminar”</u>	Feb 2024
<u>USJ visited Guangdong-Macao In-Depth Cooperation Zone in Hengqin</u>	Dec 2023
<u>USJ explores collaboration with Zhuhai Court of International Arbitration (Hengqin International Arbitration Center)</u>	Nov 2023



NEWS & EVENTS

News & Events	Release Date
<u>Sustainable Business Series The Business of Health and Well-being Round Table – Rethinking to Promote a Better Quality of Health and Well-being in the Workplace</u>	Nov 2023
<u>Faculty of Business and Law adds new Guangzhou Partners to its GBA Network</u>	Oct 2023
<u>FBL Masters' Talk Discusses Guangzhou-Nansha "10 New Measures" for Young Entrepreneurs</u>	Sep 2023



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



SDG 9

INDUSTRY AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation

SELECTED RESEARCH

Korzyński, P., Silva, S. C. e, Górska, A. M., & Mazurek, G. (2024). Trust in AI and Top Management Support in Generative-AI Adoption. *Journal of Computer Information Systems*, 1-15. <https://doi.org/10.1080/08874417.2024.2401986>

Liang, S., Jin, J., Du, W., & Qu, S. (2023). A multi-channel text sentiment analysis model integrating pre-training mechanism. *Information Technology and Control*, 52(2), 263-275. <https://doi.org/10.5755/I01.itc.52.2.31803>

SDG 9

INDUSTRY AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation

Infrastructure provides the basic physical facilities essential to business and society; industrialisation drives economic growth and job creation, thereby reducing income inequality; and innovation expands the technological capabilities of industrial sectors and leads to the development of new skills.

We showcased our [Institute for Data Engineering and Sciences \(IDEAS\)](#) works at the “[2023 Science and Technology Week and Exhibition](#).” The exhibition highlighted cutting-edge projects and research from USJ, demonstrating our commitment to fostering scientific advancements and technological innovation.

KEY INNOVATIVE COLLABORATIONS AND ACHIEVEMENTS

USJ affirms its commitment to SDG 9 by forging cooperations/collaborations that promote sustainable industry, innovation, and infrastructure. Throughout the academic year 2023-2024, USJ signed agreements/MoUs/cooperations with different entities, including one that [established a Joint Research Institute](#). This initiative aims to advance research in cellular nutrition and health, promoting cutting-edge scientific breakthroughs.

NEWS & EVENTS

News & Events	Release Date
SSEME 2024 2nd International Conference on Social Sciences, Economics, Management, and Education in Qingdao, China	Jul 2024
SUSTAINABLE FUTURES Department of Architecture and Design Lecture Series Spring 2024	May 2024
USJ Holds Opening Ceremony of “USJ-Kong Hon Academy for Cellular Nutrition and Health” and The First Cellular Health Research Symposium	Apr 2024
Conference Business Communication Strategies Through Support For Creative Industries. Empirical Cases of Portugal and China	Mar 2024
USJ and Macau Konghon Biomedical Technology Development Group Co. Ltd. Signs Memorandum of Academic Cooperation	Jan 2024
Department of Architecture and Design Workshop Series 2023-24 ROBOTIC ARTS	Dec 2023
Department of Architecture and Design Workshop Series 2023-24 DIGITAL MAPPING	Dec 2023
Department of Architecture and Design Lecture Series 2023-24 “Study on Topologies for Disquiet E(m)bodies”	Dec 2023
Department of Architecture and Design Lecture Series 2023-24 “Fiction and Fabrication”	Dec 2023

News & Events	Release Date
Department of Architecture and Design Lecture Series 2023-24 “Grotto Retreat Xiyaotou – a play of privacy & connectivity with context”	Dec 2023
Department of Architecture and Design Workshop Series 2023-24 FOAM TOPOLOGIES	Nov – Dec 2023
USJ and Doctoral Think Tank Organise International Young Doctoral Forum to Promote the Development of the Healthcare Industry	Nov 2023
USJ participates in “THE Innovation and Impact Summit” Contributing to Sustainable Development	Nov 2023
International Young Doctoral Forum: Development and Opportunities of Macao’s Big Health and Medical Tourism Industry	Nov 2023
USJ-IDEAS Works Showcased at “2023 Science and Technology Week 2023 and Exhibition of Achievements in Science and Technology Innovation”	Oct 2023
USJ elected to Vice-Presidency of the National Integration Community of IT Application Innovative Industry and Education	Oct 2023
USJ Organizes International Symposium on Open Innovation in Portugal	Oct 2023

News & Events	Release Date
USJ-ISE Marine and Environmental Science and Technology Exchange and Study Tour	Sep 2023
Supporting the Digital Transformation of the Cultural and Exhibition Tourism Industry in the GBA – Metaverse Forum held at USJ	Sep 2023
USJ Welcomes New Students for the New Academic Year 2023/24	Sep 2023





SDG 10

REDUCED INEQUALITIES

Reduce income inequality within and among countries

SELECTED RESEARCH

Wong Weng Si, C., & Vitor, M. dos S. T. (2023). The Never-Ending Task: A case study on Performing Arts with People with Intellectual Disabilities in Macau. Retrieved from <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220116>

Morrison, K. (2023). Conditional internationalism in Macau. Macau Business, pages 34-35. Retrieved from <https://www.macaubusiness.com/opinion-conditional-internationalism-in-macau1/>

SDG 10

REDUCED INEQUALITIES

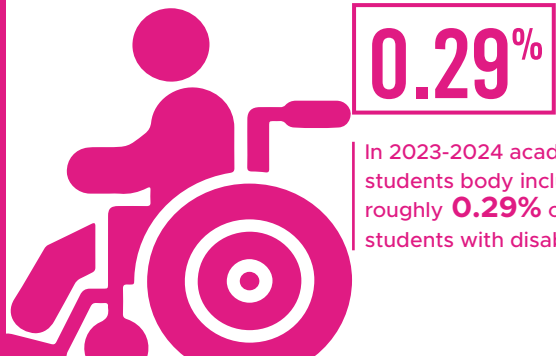
Reduce income inequality within and among countries

ACCESSIBILITY AND EQUALITY

Our policies on [Admission, Equality and Diversity](#), [Non-discrimination](#) and [Anti-harassment](#), ensure equal access and prevent discrimination based on ability, gender, sexual orientation, economic status, ethnicity, religious affiliation, or political persuasion. Obtaining a higher education degree is important for breaking cycles of exclusion, , and USJ is committed to providing students with a [diversified culture and environment](#).

For students in our care, we provide a wide range of support measures to meet the [financial](#), [housing](#), academic, and [counselling](#) needs of students from underrepresented groups, as well as [students with special needs](#). USJ promotes equal access to education and work for people with disabilities in accordance with the [Convention on the Rights of Persons with Disabilities](#).

In the 2023-2024 academic year, our student body included roughly 0.29% of students with disabilities, and almost 11% of our students originated from developing countries.



REDUCING INEQUALITY THROUGH EDUCATION

Our educational [outreach programme for prison inmates](#), running since 2009, has been allowing incarcerated individuals access to higher education and contributing to their reintegration into society. In March 2024, USJ proudly held a [Certificate Award Ceremony](#) at Coloane Prison for incarcerated individuals who participated in our [Prison Outreach Programme](#). This underscores our huge commitment to SDG 10.

To integrate education and social services to better support the rehabilitation and reintegration of inmates and ex-offenders through the “Activity Coordinators Internship Programme for Drug Rehabilitation Youth and Family Support Services”, our [Faculty of Health Sciences \(FHS\)](#) and [Noah’s Family Mutual Aid Association \(NFMA\)](#) signed a [cooperation agreement](#) during the academic year 2023-2024.

Almost **11%** of our students originated from developing countries.



NEWS & EVENTS

News & Events	Release Date
USJ Students Volunteer in English Teaching Programme in Saint Paul Institute, Cambodia	Jun 2024
Faculty of Health Sciences of USJ signed a cooperation agreement with the Noah’s Family Mutual Aid Association	Jun 2024
The Department of Social Work provided a training workshop for teachers of Escola Choi Nong Chi Tai	May 2024
Vice-rector Prof. Álvaro Barbosa Promotes USJ’s Academic Programmes and Scholarship Opportunities at San Sebastian College – Recoletos, Manila	May 2024
Bachelor of Education students visit Concordia School for Special Education	May 2024
USJ social work students attend workshop on children with SEN organised by SKH	Apr 2024
Inclusive Education Initiatives Take Flight at Salesiano School and Choi Nong School	Apr 2024
USJ Prison Outreach Programme Empowers Incarcerated Individuals through Education – Certificate Award Ceremony for the Academic Year 2022/2023 held in the Coloane Prison	Mar 2024
USJ Held a Series of Engaging and Innovative Workshops at Van Lang University in Vietnam	Dec 2023

News & Events	Release Date
2023 “Along with Youth” Forum on SEN and Inclusive Education Development	Nov 2023
USJ Music Club performed at the GBA Music Night 2023	Nov 2023
CESL Asia and Friends Sport Fun Day 2023	Nov 2023
ARTTECH FUSION 2023: Bridging Art and Technology for Sustainable Solutions	Oct 2023
SED’s Prof. Frances Lee Gives Talk at the “2023 Guangdong-Hong Kong-Macau Inclusive Education Forum” in Hong Kong	Oct 2023
A Mid-Autumn Festival With Mooncakes & Rides	Oct 2023
DIVERSAS: Diversity in Portuguese-Chinese Translation 1st Exhibition of the works of the students of the Bachelor in Portuguese-Chinese Translation Studies	Sep 2023
Palestra Dia Internacional da Tradução International Translation Day	Sep 2023
USJ Welcomes New Students for the New Academic Year 2023/24	Sep 2023

USJ educational outreach programme for prison inmates, running since 2009, has been allowing incarcerated individuals access to higher education and contributing to their reintegration into society

佈會

COMMUNITY PRESS CONFERENCE



麥侍文
PROF. STEPHEN MORGAN
聖若瑟大學校長
Rector of the University of Saint Joseph



劉舒文教授
PROF. HELEN LIU
聖若瑟大學
University of Saint Joseph

SDG 10

10 REDUCED INEQUALITIES





SDG 11

SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient, and sustainable

SELECTED RESEARCH

Chu, H. M.; Tsao K. K. (2023). *Challenges and Possibilities of Cultural Heritage: The Case of Portuguese Tiles (Azulejos) in Macau* (master dissertation, University of Saint Joseph). <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220128>

Un, C. W.; Pinheiro F. V. (2023). *UNITING-FRAGMENTED SPACES ARCHITECTURE CENTRALIZING HERITAGE INTERPRETATION* (master dissertation, University of Saint Joseph). <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220133>

SDG 11

SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient, and sustainable

TRANSPORTATION

The way people get around cities is an important indicator of sustainability. At USJ, we promote the use of public transportation. Our campus is conveniently [located](#) a short distance from bus stops. To encourage bicycle use, USJ installed a designated bicycle rack area for students and staff who commute to the University by bicycle.

HOUSING

USJ provides [affordable housing](#) to staff and students in our on-campus residential building, further conserving the time and energy otherwise spent commuting to and from the University.

COMMUNITY ENGAGEMENT

Sustainable businesses contribute to economic development and positively impact the community. USJ partners with the [government and other organisations](#) to provide entrepreneurial opportunities for the development of sustainable businesses. We are committed to offering start-up opportunities in terms of training, capital, resources, space, and networking.

In the 2023-2024 academic year, USJ hosted a spectacular [International Cultural Carnival](#), showcasing diverse

cultural traditions and encouraging social cohesion, which are essential components of sustainable urban communities. USJ participated in a [Conference](#) that provided valuable insight into sustainable digital preservation aligning with SDG 11: Sustainable Cities and Communities; Digital Heritage and Preservation strategies.

EXHIBITION AND WORKSHOP

USJ strives to provide our students with a sound academic foundation and to contribute to their integrated development as responsible global citizens. In the academic year 2023-2024, as part of our commitment to SDG 11, USJ celebrated the creative talents of communication and media graduates with an [Exhibition](#). The event was a celebration of the students' achievements and a testament to our commitment to nurturing young, creative minds and centred around capturing the fluidity of Macau's landscapes and the city's perpetual transformation. Our Department of Architecture and Design also held a [Workshop](#) on using cutting-edge digital tools and techniques to enhance urban planning and design. Participants learned to analyse spatial data, visualise urban environments, and develop innovative solutions for sustainable city planning.

NEWS & EVENTS

News & Events	Release Date
University of Saint Joseph Macao participates in the Resilient by Technology and Design 2024 Conference: Fostering Sustainability	Jul 2024
USJ's Faculty of Arts and Humanities participated in the Award Ceremony of the Macau Architectural Photography Competition 2024	Jul 2024
USJ Hosts Symposium Celebrating 100 Years of the “Primum Concilium Sinense” – The First Council of Bishops in Shanghai, China (1924)	Jul 2024
USJ Celebrates Creative Talents of Communication and Media Graduates with “Moviemment” Exhibition and Film Screening	May 2024
DLCRE/CLEAR held seminar for parents of Macau Baptist College K3 students	May 2024
Public Lecture Macau's Moving Images: Screening the SAR in the 21st Century	May 2024
USJ International Cultural Carnival 2024: Embracing the Charms of Multiculturalism	Apr 2024
USJ/ISE Joins the Portuguese National Association of Green Roofs (ANCV) to Expand Nature-Based Solutions in Urban Environments	Apr 2024
USJ Macao Hosts Spectacular International Cultural Carnival Celebrating Multiculturalism	Apr 2024

News & Events	Release Date
“Encountering the Tang Dynasty: A Golden Age on the Walls” Exhibition Opens in Macao at USJ	Apr 2024
Spectacular Chinese New Year Float Parade in Northern District Kicked-off at USJ Macao	Feb 2024
Celebrations of the 25th Anniversary of the Establishment of the Macao SAR & Parade for Celebration of the Year of the Dragon	Feb 2024
USJ Cultural Experience Activities 2024 – Celebration of Chinese New Year	Feb 2024
International students experience rich cultural heritage at Macao Museum	Jan 2024
“Towards a Living Waterfront Conference” with USJ's Prof. Nuno Soares as Keynote Speaker	Dec 2023
USJ Prof. Nuno Soares elected Vice-President of the Architects Association of Macau Board of Directors for 2024-2025	Dec 2023
Department of Architecture and Design Workshop Series 2023-24 DIGITAL MAPPING	Dec 2023
Department of Architecture and Design Lecture Series 2023-24 “Grotto Retreat Xiyatou – a play of privacy & connectivity with context”	Dec 2023

News & Events	Release Date
Department of Architecture and Design Lecture Series 2023-24 “Study on Topologies for Disquiet E(m)bodies”	Dec 2023
“Towards a Living Waterfront Conference – Urban Strategies and Conceptual Designs for Macau”	Dec 2023
USJ’s Prof. Nuno Soares elected General Secretary of the International Council of the Portuguese-Speaking Architects (CIALP)	Nov 2023
USJ Prof. Nuno Soares Re-Appointed as Member of the Macao SAR Council of Architecture, Engineering and Urbanism for 2023 – 2024	Nov 2023
Exhibition Celebrates Life and Contribution of “Chan Tze Por” – Pioneer of Education in Macao	Nov 2023
Public Lecture Macao’s images of change and contrasts: An ethnographic visual approach	Nov 2023
USJ’s Boundless Bamboo Pavilion Featured in the Latest Issue of Architecture Macau Magazine	Oct 2023
“Greater Bay Area Urban Design Awards 2022 Exhibition” Opening Ceremony	Sep 2023
CURB Center Hosts Exhibition of Award-Winning Urban Design Projects in the Greater Bay Area at USJ	Sep 2023





SDG 12

RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

SELECTED RESEARCH

Xian, S. T.; Lampo, Alessandro (2023). *Evaluating the Acceptance of Portuguese Residents Towards Chinese Electric Vehicles: the Role of the Country-of-Origin Effect* (Doctoral dissertation, University of Saint Joseph). <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220130>

Lei, Weng Chi & Tai, On. (2023). Impacts of Policies and Infrastructure on the Usage of Electric Vehicles in Macao. 10.13140/RG.2.2.13418.08641. https://ise.usj.edu.mo/wp-content/uploads/2023/10/ESST2023-AbstractBooklet_2023-10-19-lres.pdf

SDG 12

RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption and production patterns

USJ is committed to increasingly adopt and promote responsible production and consumption patterns. Some of these increases are described in our [Environmental Action Plan](#).

Our campus is equipped with waste sorting equipment, and we regularly promote our waste minimisation policy. For example, to minimise plastic waste, water dispensers on each floor of the academic building and twelve in the residential hall (totalling

nineteen water dispensers) were installed and designed to fill reusable water bottles. At USJ, we are structuring our environment to incentivise responsible consumption habits during our students' highly formative years.

In the academic year 2023-2024, USJ hosted a [Public Lecture](#) underlining the important role of water footprints in promoting responsible consumption and protecting our planet's precious resources.

NEWS & EVENTS

News & Events	Release Date
Public Lecture An Introduction to Water Footprints: Changing Paradigms on Water Management Using Food Consumption Patterns	Jan 2024
USJ's Boundless Bamboo Pavilion Featured in the Latest Issue of Architecture Macau Magazine	Oct 2023



SDG 13

CLIMATE ACTION

Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy

SELECTED RESEARCH

An, B. Y.; Lei, Weng Chi (2023). A STUDY OF GREEN FINANCIAL TECHNOLOGY ACCEPTANCE IN TONGZHOU DISTRICT OF BEIJING (Master dissertation, University of Saint Joseph). <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220131>

SDG 13

CLIMATE ACTION

Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy

CAMPUS LIFE

USJ, through its [Green Campus Environmental Action Programme](#), is one way we are demonstrating our commitment and making progress on Climate Action. This action programme focuses on Green Campus Operations by incorporating many green technologies, including rain water harvesting and recycling systems, ledger green strips and fins, roof gardens, low transmission glazing, cross-flow ventilation chimneys, solar electricity panels, solar hot water heating, energy recovery in ventilation systems and chillers, low consumption bulbs and LED bulbs. The aim is to create a sustainable and nature-connected campus for students and staff.

COMMUNITY ENGAGEMENT

Through the academic year 2023-2024, USJ organised several initiatives promoting a green living attitude and engaging the community in environmental education and activities. One of these initiatives included [Coastal Cleanup](#), which highlights our commitment to environmental protection, emphasising the importance of protecting marine environments and fostering community involvement in sustainability.

NEWS & EVENTS

News & Events	Release Date
USJ Leads Successful Coastal Cleanup Engaging Community Volunteers and Innovative Technology “SWEEP Macao”	Jul 2024
Summer 2024 Coastal Cleanup	Jul 2024
Prof. Nuno Soares wins Pionner Award for Green Architecture in Japan with Toi San Public Toilet project	Jul 2024
Public Lecture Winnow: Revolutionizing Sustainable Food Waste Management with AI	Jun 2024
Sino-Portugal Joint Lab for Marine and Environmental Sciences Launched with Symposium in Portugal	Jun 2024
Uniting for the Planet on Earth Day: A Day of Action and Inspiration with Colégio Mateus Ricci	Apr 2024
2024 Macau Secondary Students Model United Nations Conference	Apr 2024
USJ/ISE contributes to the newly launched “Karma of Oyster and Sea Creatures’ Exhibition” in Macao Maritime Museum	Apr 2024
ISE/USJ Draws Crowds at the 43rd Macau Green Week Carnival, Inspiring Community with Green Initiatives and Interactive Games	Mar 2024
The 43rd Macao Green Week ISE/USJ	Mar 2024

News & Events	Release Date
MESM Students Explore Innovative Waste-to-Energy Facility on Hong Kong Study Visit	Feb 2024
USJ and Colégio Mateus Ricci Partner for Environmental Advocacy	Feb 2024
USJ and De La Salle University-Dasmaringas Strengthen Ties through Sustainability Initiatives	Feb 2024
Macao’s Wetland Treasures: 2024 Biodiversity Photography Competition	Jan 2024
USJ Students Learn About Green Practices at Sands China’s Eco-Sustainability Tour	Nov 2023
Symposium on Environmental Science and Sustainable Technology – ESST2023 Successfully Held	Oct 2023
ARTTECH FUSION 2023: Bridging Art and Technology for Sustainable Solutions	Oct 2023
ESST 2023 Symposium on Environmental Science and Sustainable Technology	Oct 2023
ISE Hosts Another Successful Coastal Cleanup Event	Oct 2023
USJ holds the kick-off ceremony for the first Sino-Portugal Joint Laboratory for Marine and Environmental Sciences	Oct 2023
ISE staff and students explore Wetlands in Zhuhai	Oct 2023

SDG 13





SDG 14

LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

SELECTED RESEARCH

Saidu, M. B. Gonçalves, David; Castro, Paula M. L.; Moreira, Irina Sousa; (2023). *Isolation and Characterisation of Plastic Polyethylene Terephthalate (PET) Degrading and Polyhydroxyalkanoates (PHAS) Producing Bacteria From Soil and Water* (Doctoral dissertation, University of Saint Joseph & Universidade Catolica Portuguesa (Portugal)). <https://library-opac.usj.edu.mo/cgi-bin/koha/opac-detail.pl?biblionumber=220134>

SDG 14

LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

ENVIRONMENTAL OUTREACH

Through the 2023-2024 academic year, USJ held a series of environmental education activities, including our participation in the [43rd Macau Green Week Carnival](#), inspiring the community with green initiatives and interactive games. This event promotes environmental awareness and aligns with SDG 14 by encouraging sustainable practices that protect marine ecosystems.

DIRECT ACTION

Our Institute of Science and Environment (ISE) is unique in Macao for its academic focus. Much of the Institute's direct-action work is focused on [mangrove conservation](#). Mangroves provide numerous ecosystem benefits, coastal protection, and carbon sequestration, placing them at the forefront of climate change adaptation and mitigation measures.

In the academic year 2023-2024, we continued our ongoing commitment to [Mangrove Planting](#). Additionally, we organised several [Coastal Cleanups](#) to improve the cleanliness of Macao's coastal area, keeping our oceans safe and healthy.

PARTNERSHIPS

In the 2023-2024 academic year, USJ launched the [Sino-Portugal Joint Lab for Marine and Environmental Sciences](#)—between the [Institute of Science and Environment, USJ](#), [Centre of Biotechnology and Fine Chemistry of Universidade Católica Portuguesa \(CBQF-UCP\) Porto](#), [Instituto Português do Mar e da Atmosfera \(IPMA\)](#), and [Institute of Oceanology, Chinese Academy of Sciences \(IOCAS\)](#). The extensive objectives of this laboratory are to cultivate scientific cooperation between Portugal and China, through Macao, in the fields of marine and environmental sciences, promoting the development of a sustainable blue economy for the future.

On Earth Day 2024, we partnered with [Colégio Mateus Ricci](#) for a day of action and inspiration, emphasising the importance of climate action and environmental protection. This [event](#) aimed to engage students and the community in activities that promote sustainability.

NEWS & EVENTS

News & Events	Release Date
USJ Leads Successful Coastal Cleanup Engaging Community Volunteers and Innovative Technology “SWEEP Macao”	Jul 2024
Summer 2024 Coastal Cleanup	Jul 2024
Sino-Portugal Joint Lab for Marine and Environmental Sciences Launched with Symposium in Portugal	Jun 2024
Uniting for the Planet on Earth Day: A Day of Action and Inspiration with Colégio Mateus Ricci	Apr 2024
USJ/ISE contributes to the newly launched “Karma of Oyster and Sea Creatures’ Exhibition” in Macao Maritime Museum	Apr 2024
ISE/USJ Draws Crowds at the 43rd Macau Green Week Carnival, Inspiring Community with Green Initiatives and Interactive Games	Mar 2024
The 43rd Macao Green Week ISE/USJ	Mar 2024
Turning the Tide: 900 Mangroves Saplings Planted	Mar 2024
The World of Seagrasses and Mangroves: Engaging Young Minds at TIS	Mar 2024

News & Events	Release Date
USJ and Colégio Mateus Ricci Partner for Environmental Advocacy	Feb 2024
USJ and De La Salle University-Dasmarinas Strengthen Ties through Sustainability Initiatives	Feb 2024
Macao’s Wetland Treasures: 2024 Biodiversity Photography Competition	Jan 2024
Symposium on Environmental Science and Sustainable Technology – ESST2023 Successfully Held	Oct 2023
ISE Hosts Another Successful Coastal Cleanup Event	Oct 2023
ESST 2023 Symposium on Environmental Science and Sustainable Technology	Oct 2023
USJ holds the kick-off ceremony for the first Sino-Portugal Joint Laboratory for Marine and Environmental Sciences	Oct 2023
ISE staff and students explore Wetlands in Zhuhai	Sep 2023
USJ-ISE Marine and Environmental Science and Technology Exchange and Study Tour	Sep 2024

SDG 14



USJ Institute of Science and Environment
Animal/ Fish Facility





SDG 15

LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

SELECTED RESEARCH

Tagulao KA, Lai WI, Lebel A, Calheiros CSC. Evaluating the Potential of Mangrove Phytoremediation for Mitigating Coastal Water Eutrophication in Macao SAR: A Field and Mesocosm Study. *Sustainability*. 2023; 15(10):7830. <https://doi.org/10.3390/su15107830>

SDG 15

LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

GARDENS

In USJ we are committed to our Green Campus [Environmental Action Plan](#), which includes the use of green strip edgers and fins, and rooftop gardens.

the enhancement and protection of biodiversity in the local coastal wetland ecosystems, which protects Macao from damage done to the land by flooding. In the 2023-2024 academic year, through the [2024 Biodiversity Photography Competition](#), we offered the community an opportunity to learn about and appreciate the unique biodiversity of Macao's Wetlands. This initiative also fostered a deeper connection with

DIRECT ACTION

To promote local mangroves ecosystems, USJ, through the institute of science and Environment, conducts a series of activities for the rehabilitation and maintenance of ecosystems, as well as

NEWS & EVENTS

News & Events	Release Date
USJ Macao, Sino-Lusophone Business Development Centre Hengqin, and Quinta de Marmeleira signed partnership agreements to promote Macao's agricultural sector and cultural exchanges	Aug 2024
Summer 2024 Coastal Cleanup	Jul 2024
Experiential Learning: USJ Students Onboard on the “MV Xue Long 2” in Hong Kong	Apr 2024

NEWS & EVENTS

News & Events	Release Date
Uniting for the Planet on Earth Day: A Day of Action and Inspiration with Colégio Mateus Ricci	Apr 2024
USJ/ISE contributes to the newly launched “Karma of Oyster and Sea Creatures’ Exhibition” in Macao Maritime Museum	Apr 2024
The 43rd Macao Green Week ISE/USJ	Mar 2024
MESM Students Explore Innovative Waste-to-Energy Facility on Hong Kong Study Visit	Feb 2024
USJ and Colégio Mateus Ricci Partner for Environmental Advocacy	Feb 2024
USJ and De La Salle University-Dasmariñas Strengthen Ties through Sustainability Initiatives	Feb 2024
Macao’s Wetland Treasures: 2024 Biodiversity Photography Competition	Jan 2024
Public Lecture An Introduction to Water Footprints: Changing Paradigms on Water Management Using Food Consumption Patterns	Jan 2024
Symposium on Environmental Science and Sustainable Technology – ESST2023 Successfully Held	Oct 2023

News & Events	Release Date
ESST 2023 Symposium on Environmental Science and Sustainable Technology	Oct 2023
ISE Hosts Another Successful Coastal Cleanup Event	Oct 2023
USJ holds the kick-off ceremony for the first Sino-Portugal Joint Laboratory for Marine and Environmental Sciences	Oct 2023
ISE staff and students explore Wetlands in Zhuhai	Sep 2023



SDG 15



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



SDG 16

PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SELECTED RESEARCH

Diakite, A. D. (2024). Enforcement of arbitral awards in Macau. Document Retrieved from <https://www.lexisnexis.co.uk/legal/guidance/enforcement-of-arbitral-awards-in-macau>

Ho, H. W., & Phillips, J. (2023). Death of a salesman? the new junket regulation and practice in macau. Gaming Law Review, 27(8), 366-374. <https://www.liebertpub.com/doi/10.1089/glr2.2023.0018>

SDG 16

PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

CAMPUS LIFE

In the 2023-2024 academic year, USJ held the [Certificate Award Ceremony for Incarcerated Individuals](#) in the Coloane Prison. Our Department of Social Work also co-organised “[World Social Work Day Seminar](#)” with the [Professional Council of Macao Social Workers](#) and [Women's General Association of Macau](#).

POLICIES

To promote good governance, USJ has a policy to address the risk of [corruption and bribery](#), as well as a policy protecting [academic freedom](#).

STAKEHOLDER ENGAGEMENT

Strong institutions promote stakeholder participation. USJ is open to the contributions of industry, government, and other groups in society, and has a policy for the identification and [engagement](#) of diverse stakeholders. The contributions of our advisory boards are important to our understanding of the needs and resources of the community.

GOVERNANCE

The [USJSA Election 2023](#) demonstrates our commitment to promoting democratic participation and governance among the student body. By engaging the students in the election processes, we ensure that students participate in decision-making processes at the University. [The inauguration of the USJSA](#) serves as a platform to foster leadership and accountability among [student representatives](#).

NEWS & EVENTS

News & Events	Release Date
<u>Symposium “Macao Youth Summit 2024 – Ten Years of Youth Leadership”</u>	Aug 2024
<u>USJ Faculty of Health Sciences invited to participate in the Opening of Inmates and Juvenile Delinquents’ Handicraft Exhibition 2024</u>	Jul 2024
<u>Faculty of Health Sciences of USJ signed a cooperation agreement with the Noah’s Family Mutual Aid Association</u>	Jun 2024
<u>USJ’s Department of Social Work Co-organises “World Social Work Day Seminar” with Professional Council of Macao Social Workers and Women’s General Association of Macau</u>	Apr 2024
<u>The 8th Inauguration of USJ Students’ Association (USJSA)</u>	Jan 2024
<u>USJ attended the “Safe School Network” 15th Anniversary Crime Prevention Communication Meeting</u>	Dec 2023
<u>USJSA Election 2023 Results</u>	Nov 2023



17 PARTNERSHIPS
FOR THE GOALS



SDG 17

PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and
revitalize the global partnership for sustainable

SDG 17

PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the global
partnership for sustainability

POLICY DEVELOPMENT

The SDGs aim to tackle complex and multidimensional challenges requiring structural changes; therefore, partnerships are essential. USJ has established relationships with governmental and non-governmental organisations for policy development. For example, during the academic year 2023-2024, USJ has engaged in initiatives that support policy development by joining the [Macao – Hengqin Science and Technology Innovation Ecosystem](#). Engagement with the Science and Technology Innovation Ecosystem promotes policy development in technological innovation and sustainable development, supporting collaboration between academic institutions and industries.

COLLABORATIONS WITH NGOs FOR THE SDGs

USJ collaborates with a number of organisations for specific SDGs as part of our commitment to promoting social inclusion and strong institutions. For example, in the 2023-2024 academic year,

we explored [collaboration](#) with the [Zhuhai Court of International Arbitration \(ZCIA\)](#) ([Hengqin International Arbitration Center](#)) to enhance cooperation in legal matters and provide support for arbitration services for entities from the Guangdong Hong Kong Macau Greater Bay Area and Portuguese-Speaking Countries. Additionally, [an MoU](#) was signed with the [Macau Down Syndrome Association](#) to promote social inclusion and support vulnerable communities, aligning with the spirit of SDG 17.

In the academic year 2023-2024, USJ [participated](#) in the Global Sustainable Development Congress, an annual event organised by [Times Higher Education \(THE\)](#). Our participation aligns with a few Sustainable Development Goals (SDGs), particularly SDG 4, SDG 13 and SDG 17, as this outlines the important role education plays in addressing Sustainable Development Goals, the focus on sustainability in relation to climate actions and the partnership and collaborations forged during the congress.

NEWS & EVENTS

News & Events	Release Date
USJ Macao and Pontificia Università della Santa Croce Formalize Collaboration through the signing of a MoU	Aug 2024
USJ Delegation Visits Hanoi University and Ventures for Innovative Collaboration in Portuguese Studies	Jun 2024
USJ and Catholic Institute of Vietnam Signs MoU, Paving Ways for Opportune Collaborations in Macao and Vietnam	Jun 2024
USJ Macao Welcomes Visit from UNIFOR Brazil, Continuing Academic Collaboration	Jun 2024
Faculty of Health Sciences of USJ signed a cooperation agreement with the Noah’s Family Mutual Aid Association	Jun 2024
USJ and Catholic Institute of Paris Signs Agreement for Student and Staff Mobility	Jun 2024
USJ Macao and Sogang University, Seoul City, South Korea, signed an MOU to enhance the strategic partnerships	May 2024
The Macao & Vietnam Study Tour Workshop on “Sustainability and the City” Concludes, Fostering Collaboration and Inspiring Action	May 2024
USJ Macao and the Institute of Asian and African Studies of Lomonosov Moscow State University (Russia) signed a MoU to establish cooperation between both institutions	May 2024

News & Events	Release Date
USJ Macao signs collaboration protocol with Universidade de Aveiro	Apr 2024
USJ Macao Strengthens Collaborative Efforts with Malaysian Educational Institutions	Mar 2024
USJ and Macau Down Syndrome Association Signed Memorandum of Understanding	Mar 2024
USJ and Saint Louis College Bangkok signs MOU and Explores Initiatives in Healthcare Education and Psychology	Mar 2024
Asian Institute of Technology Thailand Visits USJ and Signs MOU, Forging New Opportunities	Mar 2024
USJ Macao and ISCAP-P.Porto Advance Academic Collaboration on New PhD Programme in Intercultural Studies for Innovation	Mar 2024
USJ Macao signed a MOU with Technical University of the Atlantic, Mindelo, São Vicente, Cape Verde	Feb 2024
USJ Delegation Explore Collaboration Opportunities with AIT Bangkok	Feb 2024
USJ and Hochschule Mainz University of Applied Science Explore Expansion of Partnership in Business	Jan 2024

News & Events	Release Date
<u>USJ Macao and Universidade Jean Piaget de Cabo Verde, Polo do Mindelo, signed a MOU to build strategic collaboration</u>	Jan 2024
<u>USJ explores collaboration with Zhuhai Court of International Arbitration (Hengqin International Arbitration Center)</u>	Nov 2023
<u>USJ Faculty of Business and Law Signed a MOU with ISCAL- Politécnico de Lisboa</u>	Nov 2023
<u>USJ Contributes to the Success of the Association of the Universities of Asia and the Pacific (AUAP) 36th Annual Conference Signing 5 MOUs and Delivering Compelling Presentations</u>	Nov 2023
<u>Strengthening Community Ties – USJ and Caritas Macau’s Transformative Engagement</u>	Nov 2023
<u>ASEACCU and AUAP signed MOU in the 36th International Conference & AUAP Annual Conference – Fostering Best Practices in Higher Education</u>	Nov 2023
<u>USJ And China Institute For Responsible Management Education And Sustainable Development Sign Agreement To Jointly Establish Macau Centre</u>	Nov 2023
<u>Youth Exchange Programme between China and Portuguese-speaking Countries concludes with success</u>	Nov 2023

News & Events	Release Date
<u>USJ and Instituto Português do Oriente (IPOR) signed a MOU</u>	Nov 2023
<u>USJ Signs Memorandum of Understanding With Van Lang University in Vietnam</u>	Oct 2023
<u>USJ and the Catholic University of Croatia Signs MOU</u>	Oct 2023

SDG PROGRESS

MAIN CONTRIBUTIONS AND DIRECTIONS FOR THE FUTURE.

With this report, we describe our efforts to pursue the SDGs through various sustainability activities in 2023/2024. The 17 United Nations [Sustainable Development Goals](#) (SDGs) can be grouped into 5 main areas according to the challenges they aim to address: People, Planet, Prosperity, Partnerships, and Peace. Our main contribution has been to the area of People.

MAIN CONTRIBUTION

We consider the Goals we have supported most have been in the area of People. Some highlights include our leading role in research and policy development for our [prison outreach program](#), and our focus on outreach activities that promote the [mental health and well-being](#) of the community.

PEOPLE



CONTRIBUTIONS AND ADVANCEMENTS

USJ has been making efforts to actively establish and participate in partnerships and collaborations for the SDGs, and to refine and improve our institutional SDG related policies. These efforts are paying off and will be extended in the future.

PARTNERSHIP



PEACE



DIRECTIONS FOR THE FUTURE

The main direction of our future efforts is toward the areas of “Planet” and “Prosperity.” USJ’s Institute of Science and Environment is unique in Macao for its academic focus and plays a vital role in research, monitoring, and intervention for [mangrove conservation](#) and aquatic ecosystems preservation. In the coming years, we aim to also increase contributions to land ecosystems preservation, with increased focus on the efficiency of our facilities and operations in order to better contribute to the other Planet related goals.

PLANET



Going forward, through our Faculty of Business and Law, we aim to also promote more community engagement regarding Goals related to prosperity and economic growth.

PROSPERITY



The present report has catalysed institutional reflection on our systemic efforts in the area of sustainability and we are using it to chart next steps and develop a plan for future actions.



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MACAO

SUSTAINABLE
DEVELOPMENT
GOALS