

11 SUSTAINABLE CITIES  
AND COMMUNITIES



SUSTAINABILITY REPORT  
TAMKANG UNIVERSITY

2020  
SUSTAINABLE CITIES  
& COMMUNITIES





# SUSTAINABLE CITIES AND COMMUNITIES

## Support art and heritage

TKU is committed to creating an environmentally friendly and ecological campus, providing community residents with sports and recreational areas, and a high-quality learning environment for outdoor teaching in local primary and secondary schools; the Maritime Museum, Carrie Chang Art's Center, the Library, and the beautified green campus that are open to the public free of charge to provide full play to the effect of the local welfare. Actively through the designation of the environmental education field, the campus will be constructed as an environmental education base for visiting and learning by primary and secondary schools in the North Coast area. In this action, teaching faculties and students assisted the sustainable campus planning and setting up in the Tamsui area, assisted in obtaining funding, and moved towards the construction of a sustainable environmental network in Tamsui.

There are 35 monuments and historical buildings in the Tamsui area. The teaching faculties and students of TKU actively participate in the process of designating these cultural assets and protecting the area. TKU is also closely related to two historic sites in Tamsui: one is a systematic historic site on the Huwei Waterway, where the pumping chamber is located

next to the Kanan slope; the second is the historic site You-Ren Yu Cemetery, which links the calligraphy inscriptions left by Mr. You-Ren Yu on the TKU campus. In addition, the "Maritime Museum" of the university is the core museum of the TKU Environmental Education Base. It is also a member of the family of the Tamsui Museum of New Taipei City, and one of the attractions visited by cultural buses at the potential point of the Tamsui World Heritage Site.

In terms of the maintenance of intangible assets, the university produced its first local study of "Tamsui Studies", a Tamsui documentary, the local publication, and the construction of the topic website, etc., recording the rich cultural experience of daily Tamsui. Among them, the Tamsui Wiki has accumulated a significant amount of information about Tamsui for a long time, and it has become a gathering place for Tamsui's local information. In terms of providing art exhibitions, the Carrie Chang Arts Exhibition Hall is open for regular exhibitions, and the performances held in the center are open to Tamsui residents to request tickets to visit. The students of the experimental theater-used adult issues for their creative presentations and invited adults from the Tamsui area to participate.

## **Public access to buildings**

The garden-like Tamsui campus has been a no-boundary campus from the beginning. It is open to the public and visitors to walk in and out freely, therefore people in the community enjoys taking advantage of the beautiful environment of the university for recreation or sports. The places with the most architectural features and cultural and historical significance are as follows:

1. The Chinese Palace-Styled Classrooms & Chueh-Sheng Garden: This building is in sight after walking through the "slope of overcoming difficulties," which is a path one must pass by to enter the Tamsui campus. The Chinese Palace-Styled Classrooms was built in 1954 in a classical palace-styled building with green tiles and red walls. With imitation of the Song Dynasty, the "Chueh-Sheng Garden" was designed by the courtyard as a place where people often rest.
2. Maritime Museum (Ship-Shaped Architecture): The Maritime Museum was built in 1978 and has a history of more than 40 years, and the space has been transformed into a museum for 30 years. It is the first campus museum in Taiwan that sustainably promotes maritime education to the public and provides the public free tour and guided tour. The appearance of the ship-shaped building of the museum reflects the local hydrological characteristics of the university and its location and represents the image of the university carrying knowledge, which is very distinctive and rich in cultural significance.
3. The University Commons: a place where many community gatherings and large-scale activities are held, and it is also a scenic spot for visitors to enter. In the center of the square, there is a four-piece "bamboo scroll," which symbolizes an ancient booklet. When viewed from above, it looks like a rotating shaft in a motor, moving endlessly.
4. Monument to the Origin of Folk Songs: The Lee Shuan Che Monument located on the Shepherd's Meadow commemorates the pioneer of folk songs, Lee Shuan Che

called "Sing Your Songs" and advocated for young people to pass on folk songs and make our university the birthplace of Taiwanese folk songs, which builds the significance for future generations to "create their songs."

## Public access to libraries

1. The library is open to visitors outside the campus with their ID card or driver's license to exchange for a "temporary reading card" at the information counter.

(1) The Tamsui Campus Library has a 9-stories building with an area of more than 7,000-floor space. It has more than 2,900 reading seats, including an information retrieval area, learning sharing, and discussion space. The semi-open newspaper reading area provides Chinese and Western newspapers domestically and abroad. The reading areas are close by the window and are a comfortable environment for reading. The European Union Information Center (EUi) is set up in the building. In addition to the official publications of the European Union, it also provides books and periodicals of European and European research topics and publishes e-news (free subscription) for consultation and reading.

(2) World Reading Day activities are hosted every year, organizing thematic book fairs and speeches, promoting the reading atmosphere and the scholarly society, and opening to the public for participation.

2. Provide barrier-free facilities and information services.

(1) Environmental Aspects: the design of entrance and exit ramps of the main hall and study room, elevator and Braille signs, blind guide bricks, barrier-free toilets, and auxiliary handrails.

(2) Equipment: set up barrier-free resource rooms and fraternity seats on each floor.

(3) Services and Resources: customized resource utilization seminars may be provided in the library.

3. Organized the donation activity of outdated books and periodicals from time to time, free upon request.

## Public access to libraries

On the Tamsui campus, halls and pavilions belonging to the Carrie Chang Arts Center, the Black Swan Exhibition Hall, and many exhibition spaces are open to the public for free.

1. Exhibition Hall: every year, various high-level art exhibitions are regularly exhibited, providing free access for all faculty, staff, students, and the community.

2. Maritime Museum: a place filled with both education and knowledge. It is also a member of the International Association of Maritime Museums, exhibiting more than 60 ship models from all over the world, ancient and modern. The exhibition space also has various theme exhibitions on the environment, local culture and history, and student learning achievements, conveying con-

cepts such as environmental protection, ocean, and aesthetic education.

3. Calligraphy Research Room: located on the 3rd floor of the Maritime Museum, it collects calligraphy and calligraphy-related books from all over the world. Including more than 8,000 calligraphy books and materials in Chinese, Japanese, and Korean, and more than 2,000 calligraphy works. Many books and materials are quite precious. The calligraphy works in the exhibition are also open to the public for free viewing, and there is an experience area for the digital e-pen calligraphy and calligraphy system developed by the university. Free for the public to learn and experience the digital e-pens developed by TKU's cross-field cooperation.
4. Black Swan Exhibition Hall: all units of the university may apply for use, and all exhibitions held are open for free viewing by the public inside and outside the university.
5. Campus Art Landscape: many of the art collections of the university are displayed in the public spaces of all buildings in the university, and the campuses of Tamsui and Lanyang also display Ying Feng Yang (Global Village, Snow Mountain Tunnel Sculpture), works by masters such as Xiu-Qi Wang (Warm, Dolphins Mascot Milestone, Five Tiger Monument Sculptures, Reading Girls and Children), E He (Yellow River Mother), and Eitaro Sato (Traveler) are available for free viewing by the public.

## **Public access to green spaces**

To implement campus park to campus garden, the Tamsui campus has been a campus with no boundaries ever since the beginning

till the present day, allowing community residents and visitors to enter any time of the day. Every morning and evening, it is common for people in the community to take advantage of the beautiful environment of the campus for recreation or sports; the Lanyang campus is open for visitors to exchange their ID with an entrance badge to enter the campus from 8 AM to 6 PM every day. Some speeches and activities held on campus are also open to the public to participate free of charge. However, in 2020, the world suffers from the COVID-19 pandemic. The Tamsui campus has implemented campus access control and since April 6th, the university only retained 4 entrances and exits and set up control points to strictly control the flow of people. Until May 15th, in response to the government's lift on the pandemic policy, the university immediately adjusted the access control and temperature monitoring measures, lifting the access control of the Tamsui campus, and adjusted the scope of the temperature measurement building.

## **Arts and heritage contribution**

Art lectures, music performance activities, art teaching seminars, art workshops, are organized regularly by various units of the university. Graduation production exhibitions, film exhibitions, student learning achievements exhibitions, etc. are all provided for free viewing by community members. USR's seven major projects based in Tamsui are ongoing: the World Heritage Potential Site Project, the Ancient Battlefield Reconstruction Project of the Ching Dynasty-French War, the Tamsui River Mouth Art Tour Project, Tamsui Area Preservation Plan, Hometown Protection, Tamsui Historical Trail Construction, and the Establishment of Tamsui Studio for Local Art Enhancement. The Department of

Architecture conducts surveys and researches on the Bunun Jiaxin's old house in the Laku-laku River Basin, and conducts USR practical works in Yehliu Geopark; the digital e-pen developed by Carrie Chang Arts Center continues to develop and co-organized with off-campus units to write Spring Festival couplets through the e-pen APP on iPad to promote the art of calligraphy. In addition, TKU hosts New Year's writing conferences in the square in front of the Presidential Palace and the Grand Hotel, inviting calligraphers and people who love calligraphy to celebrate the new year. Displaying the Spring Festival couplet artwork by famous artists to the public; the Center for General Education and Core Curriculum held a "Miaoko Concert" at Yinshan Temple in TKU, Combining Tamsui's local art and cultural and religious groups, hosting outdoor open concerts, and integrate art and cultural activities into community life.

## Record and preserve cultural heritage

From March to July 2020, the Tamsui Wiki Museum research team led by the professor of the Department of Arts and Sciences of the College of Liberal Arts held the "Old Tamsui River, Sea and Mountain City- Kun-Huang Tsai Photography VR Exhibition" in the Maritime Museum of TKU. Combining virtual reality, physical posters, on-site commentary, etc., to give new life to old photos and achieve the benefits of memory inheritance and knowledge transmission; in October 2020, the professor of the Department of History from the College of Liberal Arts took the 1884 French War as an idea, combining with the local cuisine of Tamsui, and designed the cultural and creative cuisine "Huwei Banquet." Merging historical allusions with ingre-

dients, using culinary ingenuity, and presenting historical scenes and creative concepts as delicacies; in October 2020, the College of Liberal Arts will exhibit the results of the USR project at the Shanghai Medical Museum, including "USR Local Cultural and Creative Exhibition," "Kun-Huang Tsai Photography VR Interactive Zone," and "French War of the Ching Dynasty Battle of Shanghai Theme Zone," as well as the "Tamsui Cultural and Creative Board Game Exhibition Area" and other project results, the Vice President of Taiwan visited the exhibition; the Department of Chinese from the College of Liberal Arts published the 10th and 11th issues of the magazine *Tam Tam* in 2020, which conducted survey records of Tamsui traffic and the life of Tamsui elder residents after the Danhai light rail is inaugurated. In December 2020, it also conducted a 10-volume publication conference.

## Arts and heritage expenditure

The total university expenditure for the 2019 academic year is NT\$3,513,574,964, including:

- NT\$2,162,349,788 on personnel expenses
- NT\$1,351,225,176 on business expenses and other expenses

For the 2019 academic year, the expenses used to support arts and heritage are NT\$139,985,346, including:

The library (including the university's history museum) purchases books and muse-

ums, as well as human resource support and operation : NT\$121,984,552

Carrie Chang Arts Center art exhibition and human resource support and operation : NT\$8,120,338

Departmental exhibitions and campus open space maintenance and operation: NT\$9,880,456

College of Engineering: The Department of Computer Science and Information Engineering spent NT\$450,000 on the "TKU Scenic Robotic Interactive Navigation System.

College of Foreign Languages: Total expenditure is NT\$137,766.

## Sustainable practices

TKU meets the detailed indicators 11.4.1 to 11.4.9 to pursue the sustainable development of the human settlement environment, TKU was accredited and re-certified by the World Health Organization Collaborating Centre on Community Safety Promotion in 2008 and 2012 respectively, becoming the first college in the world to pass the certification. Since then, the university has adopted a "sustainable campus" as the core spirit of campus environmental management. Developing a blueprint for campus development plans based on the short, medium, and long-term, and create a safe and sustainable campus environment. The campus is located on a hillside and is not suitable for bicycles, so the development of public transportation is given priority to replace private transportation equipment; with fewer parking spaces on campus, more pedestrian sidewalks and areas have been added to provide a more comforta-

ble environment for faculty and staff to travel on campus.

In addition, the concept of sustainable development will be gradually introduced through the renewal of the student dormitory hardware architecture and the transformation of life behavior patterns; for instance, TKU's original large vehicle is responsible for the connection between campuses and MRT stations. However, old vehicles use diesel fuel which causes air pollution so the original large-scale vehicles are eliminated, and the bus industry is coordinated to use medium-sized low-floor buses to connect to the university. The service frequency is increased to 100 times the original frequency of morning, afternoon, and evening; with the U-bike shared single station, this greatly improves the convenience of Tamsui campus to and from MRT station and light rail station. It has also increased the willingness of faculty, staff, and even disabled individuals to utilize public transportation. The no-boundary campus with free entry and exit of personnel makes the campus the best relay point for residents of neighboring communities to and from the Tamsui MRT station, expanding the accessibility of public transportation services for surrounding residents.

### Sustainable practices targets

1. The commuting methods for teachers and students on the Tamsui campus are generally MRT and buses. Therefore, TKU decided to make buses available to the campus. Combining the Red 27 and Red 28 buses, setting up a shuttle bus between the Tamsui MRT station and the campus, with an average of 3-5 minutes, to meet the needs of faculty and students commuting; in addition, there are direct buses to downtown

Taipei and Tamsui, providing convenience for students and teaching faculties to enter and exit the campus into various urban areas. Around the MRT, individuals may use U-bike shared bicycles or walk (approximately 10 minutes) to the campus, reducing energy consumption, air pollution, and increasing mobility. Currently, the New Taipei City Government is coordinating the addition of electric bicycle sites.

2. Since 2016, it has co-organized the "TKU Bus Praising Campaign" with the Zhinan Bus Company for 5 consecutive years and encourages teaching faculties and students to take the bus to commute. Individuals who commuted have a chance to enter and draw prizes.
3. The Taipei campus is in the center of Taipei City, close to the Taipei MRT Dongmen Station, with multiple MRT and bus routes extending in all directions.

## **Promote sustainable commuting**

The Tamsui campus of TKU mainly relies on the Red 27 and Red 28 buses to and from the Tamsui MRT station. The Red 28 route has many passengers due to its short distance and shifts. Since 2015, the university has moved the starting point of the route to the center of the Tamsui campus (next to the administrative building) to provide more convenient ride opportunities for faculties and students. Starting in 2018, the New Taipei City Government Transportation Bureau has set up a U-bike shared bicycle station next to the entrance of Shuiyuan Street, which is free of charge for the first 30 minutes, providing a more economical choice between Tamsui campus and Tamsui MRT station or light rail TKU station. In addition, the university

signed an electric locomotive battery exchange station with Gogoro in October 2019, which is supported by teachers, students, and residents. With more than 5,000 people using this service per month, Gogoro later applied to increase the use of electricity, from 15kva to 35kva.

To increase the willingness of faculty, staff, and students to use the bus as a means of commuting, the university has co-organized the "TKU Bus Praising Campaign" with Zhinan Bus Company for 5 consecutive years since 2016. Encouraging faculties and staff to take the bus enthusiastically by taking more trips to win prizes.

## **Allow remote working**

In March 2020, in response to the infectious diseases, working diversions and remote working was inaugurated, the university adopted the following measures with the approval of the president:

1. All colleagues in the university set up a Line group;
2. For those who may not arrive on campus may work remotely from homes;
3. Supervisors at all levels command the members of the second-level units through the Line group and the pandemic prevention team.

On March 27th, the university announced the implementation of "Responding Measures to the Infectious Pneumonia," which stipulated the various requirements for diversion of remote working. All units immediately planned to complete the list of staff working in groups before March 31st and



learned the operations working off-campus and MS Teams.

Subsequently, due to this year's COVID-19 outbreak, the nationwide was upgraded to a three-level alert, TKU implemented remote office work in groups (group A/group B) from May 19th. The first and second-level supervisors and staff are also required to participate in the "Home Office Course" organized by the Office of Information Services to cooperate with the remote office planning:

1. MS Teams operation and application;
2. Remote desktop connection + software cloud adaptation course, 620 participants;
3. One Day in Office is an advanced training course, with 428 people participating;
4. Smart PDCA held a standard operating process implementation workshop with 191 participants.

A total of 4 courses and 16 sessions were offered with 1,771 participants.

The university attaches great importance to the welfare of colleagues. Winter vacations are given two weeks, and summer vacations are given one week. During the summer vacation from July to August, the weekly working hours were shortened to 28 hours, which is 12 hours less than the legal working hours per week. In addition, to cooperate with the promotion of pandemic prevention work, the temperature measurement personnel in each building and the "Pandemic prevention overtime" apply for compensatory time off on weekdays, the compensatory time off will be doubled; for those who take compensatory time off between July and August, the number of compensatory times off will be changed to

2.5 times. However, to ensure the normal operation of each unit's business, the upper limit of summertime off is 110 hours. If the remote party chooses "annual leave," one-half of the days on that Tuesday will be calculated as annual leave, and the other half will be given official leave.

## **Affordable housing for employees**

The staff dormitory on the Tamsui campus is divided into a dormitory for faculty and staff and a dormitory for female faculty and staff, providing accommodation for faculty and staff to apply for. There are 31 family dormitories and 22 female faculty dormitories. Starting from 2020, students will be given priority and emphasis in terms of the dormitory. Certain faculty and staff dormitories will be converted into student dormitories (SongTao Hall 4 and Hall 5). The Tamsui campus currently only provides 8 official dormitories, allocate to vice-president level or above, following the accommodation and management points established by the Office of General Affairs.

The staff dormitory on the Lanyang campus is divided into staff dormitory and official dormitory and provides accommodation applications for staff. The staff dormitory is divided into 28 single-style suites and 5 family-style suites; the official dormitory is a single elegant room, with a total of 8 rooms, and a barrier-free two-person suite is also provided.

## **Affordable housing for students**

In 2020, the university had a female dormitory in Songtao Building 1, 2, and 3, providing elegant rooms for 2 or 4 people,

with a total of 2,015 beds. In addition, the student dormitory of TKU Academy is rented off-campus. There are 3-4 suites with a total of 984 beds to provide accommodation for male and female students. Lanyang campus dormitory building (Jianxuan No. 1 Hall and Wenyuan No. 1 Hall) male and female student dormitories, providing elegant rooms for 2 people with a total of 825 beds. The accommodation counseling team of the Office of Student Affairs is responsible for student accommodation application, bed allocation, bed standby, and check-out services; to implement the service and counseling of the boarding students, the boarding students will be guided to establish a dormitory self-government association, and various activities are planned by the enthusiastic students on their initiative. Through organizing various activities, to help students adapt to the living life, provide counseling, caring care, and safety management, to create a warm and detailed accommodation environment, hope that students can live in peace of mind and learn happily.

## **Pedestrian priority on campus**

There is a dedicated pedestrian area on the Tamsui campus, which prohibits all types of vehicles from passing and creates a people-oriented, pedestrian-first space. The pedestrian walking area is mainly concentrated in the palace-styled classroom, the communication hall, the gymnasium, the conference hall, the north side of the commercial management building, areas near the Maritime Museum, Poster Street, the University Commons, and the road from the Foreign Language Building to Songtao Pavilion; the Office of General Affairs also plans to set up small catering shops next to some pedestrian areas, encouraging faculty, staff, and students to use. It also activates campus life functions and creates a high

-quality resting environment. In addition, since both the Tamsui campus and the Lanyang campus are located on hillsides, the speed limit of vehicles on campus is 20 km/h. Some road sections are also equipped with vehicle deceleration pads (slope) to avoid vehicle speeding and endangering pedestrian safety; under the guidance of the university's traffic safety education committee, further plans have been made to add speed measurement equipment to ensure campus safety.

## **Local authority collaboration**

A campus planning committee was organized to combine teachers with designing expertises and an architect firm, putting forward the "New East Village" park concept, and seeking funding support from the Ministry of Education to improve the student accommodation environment.

Outside the campus, the university cooperates with the local community to deliver the environmental planning with the Tamsui community as its service target. The relevant actions are as follows:

1. Art Tour into Secret Environment: Assisting the Tamsui Chipolin Foundation, rearranging and re-planning of the plaza.
2. Art Tour into Micro-Environment: Assisting Tamsui Xingren Elementary School in planning the surrounding learning paths, and leading students to use wooden structures in the "architecture class,"; leading students to participate in the planning discussion and competition of the Taipei City Social Housing.
3. TKU and the Tamsui Sub-District Cultural Promotion Association participated in the

"New Taipei City Community Planner Project" to upgrade idle corners within the block, organizing and beautify small spaces, and create friendly corners for senior citizens to form a systematic cultural and landscape living district.

## Planning development – new build standards

The university designs new buildings in compliance with TKU's green building standards. The so-called green building refers to the life cycle of the building (a series of processes from building materials production to building planning, design, construction, use, management, and demolition), it's also a building that consumes the least earth resources, uses the least energy, and produces the least waste. At present, the university has obtained the green building mark in the following places:

1. Tamsui Campus Hsu Shou-Chlien International Conference Center: in addition to the design standards of the building, it meets the relevant specifications of Chapter 17 Green Building Standards of Building Design and Construction of the Building Technical Regulations and has obtained a green building certificate, designed for a higher standard. In 2019, it was assessed by the Taiwan Construction Center of the consortium to comply with the Green Building Evaluation Manual-Basic Type (2015 Edition) specifications and obtained the Green Building Silver Mark Certificate.
2. The Lanyang campus administration building and dormitory building were awarded the Green Building Silver Certificate in 2007.

## Building on brownfield sites

According to the resolution of the campus planning committee of TKU, no new buildings will be built in the next 5 years (2020-2024). In the future, if there are new building plans for the Tamsui Campus, Taipei Campus, and Lanyang Campus, the old buildings will be prioritized to evaluate their durability and to revitalize and reuse the space. That is, the reconstruction of the original site is the main method, and the impervious pavement of the campus is not increased, which can reduce the impact of the campus environment and avoid the waste of building materials resources. In 2020, the university will rebuild the staff dormitories of Gang and Yi on Tamsui Campus into student dormitories of Songtao Hall 4 and Hall 5. Through the reuse of old buildings, based on the original dormitory space, the partitions and decorations are renovated to serve as a space for students' family-style accommodation. The process avoids the massive resource consumption caused by the demolition and reconstruction, and its spirit echoes with the neighboring education college building, which is also the reuse of the old building.



11 SUSTAINABLE CITIES  
AND COMMUNITIES



## SDG11：永續城市與社區

2020 年校外人士使用圖書館人數：32,444 人

2020 年參與藝術相關活動人次：14,148

2020 年入校接駁公車載客人次：97 萬 6,178 人次

2020 年度學校宿舍可提供床位數量：3,824 個



## 支持藝術與文化遺產

本校致力營造環保與生態校園，提供社區居民運動休憩場域，以及在地中小學戶外教學的優質學習環境；海事博物館、文錙藝術中心、圖書館，以及美化的綠色校園等，均免費開放社區民眾進入，發揮在地共好效應。積極透過環境教育場域的指定，建構校園成為北海岸地區中小學參訪學習的環境教育基地。在這個行動中，師生協助淡水地區永續的校園規劃與設置，協助爭取經費，朝建構淡水永續環境網絡的方向邁進。

淡水地區有 35 處古蹟與歷史建築，本校師生皆積極參與這些文化資產的指定過程與家鄉守護工作。學校與二處淡水古蹟亦密切相關：一個是滬尾水道的系統性古蹟，其中唧筒室位在克難坡旁；第二個是古蹟于右任墓園，連結了于右任先生在淡江校園中所留下來的書法題字。另外，本校「海事博物館」除了是為淡江環境教育基地的核心館之外，也是新北市淡水博物館家族的成員之一，以及假日淡水世界遺產潛力點的文化公車到訪的景點之一。

在無形資產的維護方面，本校首創「淡水學」的地方研究、大淡水紀錄片、地方刊物「淡淡」出版與議題網站建構等，紀錄了日常淡水的豐富文化經驗。其中，淡水維基館長期累積淡水的諸多資訊，已經成為淡水地方資料的匯集之地。本校在提供藝術展覽方面，文錙展覽廳開放定期舉辦展覽，演藝廳舉辦的表演活動均開放給淡水居民可以索票參觀。實驗劇場的學生以熟齡議題作為創作發表會，更邀請淡水地區的熟齡民眾參與同樂。

## 建築類文化遺產

如花園般的淡水校園自始即為無圍牆校園，開放社區民眾、訪客皆能以徒步方式自由進出，常見社區民眾利用本校優美之環境進行休憩或運動。最具建築特色與文史意義的場所如下：

1. 宮燈教室和覺軒花園：走完淡江初創時進入校園必經要道克難坡，映入眼簾的是興建於 1954 年間，碧瓦紅牆古典宮燈建築的宮燈教室，與其比鄰仿宋代庭園設計的「覺軒花園」，均是民眾常休憩之處。
2. 海事博物館：1978 年興建的商船學館有四十餘年歷史，空間改制為海事博物館亦已 30 年，為臺灣首座永續向公眾推廣海事教育的校園博物館，提供社會大眾免費參觀及導覽。博物館的船型建築外觀，體現學校與所在位置之地方水文特色，也代表乘載知識的大學意象，極具特色且富文化意義。

3. 書卷廣場：書卷廣場是諸多社團聚會及大型活動舉辦之處，也是許多民眾進入的景點。廣場中央有座四片繞圈之「竹卷」，象徵古代的簡冊，從上俯視，又像馬達中的轉軸，生生不息。
4. 民歌發源紀念碑：位於牧羊草坪的李雙澤紀念碑為紀念民歌先驅李雙澤以「唱自己的歌」為號召，鼓吹年輕人傳承民歌樂曲，讓本校成為台灣民歌發祥地，對於後代「創作自己的歌」意義非凡。

## 圖書館

1. 圖書館開放校外人士憑個人身分證或駕照等至詢問台換「臨時閱覽證」入館。
  - (1) 淡水校園圖書館樓高 9 層，使用面積七千餘建坪，設有閱覽席位超過 2,900 個，包含資訊檢索區、學習共享及討論空間等。半開放式的閱報區提供國內外中西文報紙，靠窗光線明亮，是一舒適、自在的閱報環境。館內設置歐盟資訊中心 (Eui)，除歐盟官方出版品外，亦提供歐洲與歐盟研究主題之書籍與期刊，並發行電子報（免費訂閱），開放各界人士諮詢利用。
  - (2) 每年舉辦世界閱讀日活動，辦理主題書展與演講，推動閱讀風氣與書香社會，並開放民眾參加。
2. 提供無障礙設施及資訊服務。
  - (1) 環境方面：總館及自習室進出口斜坡道設計、電梯及點字標示、導盲磚、無障礙廁所及輔助扶手。
  - (2) 設備方面：設置無障礙資源室及各樓層博愛座。
  - (3) 服務及資源方面：可提供客製化的資源利用講習，以使用館內資源。
3. 不定期舉辦汰舊書刊轉贈活動，開放免費索取。

## 博物館與展覽空間

淡水校園，包括文錙藝術中心所屬廳館、黑天鵝展示廳及諸多展覽空間，皆開放供大眾免費參觀。

1. 展覽廳：每年均定期展出各項高水準的藝術展覽，提供校內教職員生及社會大眾多場免費的美學饗宴。
2. 海事博物館：是一處兼具教育與知性的寶庫，亦是國際海事博物館協會會員，展示古今中外各國船隻模型六十餘艘。展覽空間也不定期有關於環境、在地文史及學生學習成果等各式主題展覽，傳達對於環保、海洋及美學教育等概念。
3. 書法研究室：位於海事博物館 3 樓，蒐羅世界各地書畫相關藏書，包含中、日文及韓文的書法書籍及資料約 8 千餘冊，書法作品二千餘件。許多書籍及資料均相當珍貴。展覽的書法作品，也開放讓大眾免費參觀，並設置有本校自行研發的數位 e 筆書畫系統體驗區，供大眾免費學習及體驗本校跨領域合作研發的數位 e 筆。
4. 黑天鵝展示廳：全校各單位均可申請使用，所舉辦的展覽，均開放讓校內外大眾免費參觀。
5. 校園藝術景觀：全校各大樓公共空間展覽許多本校收藏的藝術品，淡水和蘭陽校園亦展示楊英風（地球村、雪山隧道雕塑）、王秀杞（溫馨、海豚吉祥物里程碑、五虎碑雕塑、閱讀的女孩及小童）、何鄂（黃河母親）及佐藤榮太郎（旅者）等大師的作品，供大眾免費參觀。

## 開放空間與綠地

為落實校園公園化到校園花園化，淡水校園自始至今為無圍牆校園，開放社區民眾、訪客以徒步方式自由進出。每到清晨、黃昏，常見社區民眾利用本校優美之環境進行休憩或運動；蘭陽校園每日 8-18 時開放訪客換證進入參觀，校內舉行的部分演講和活動，亦開放一般民眾自由參加。惟 2020 年全球遭逢 covid-19 疫情，本校亦無法倖免於外，淡水校園破天荒實施校園門禁管制，自 4 月 6 日起全校僅保留 4 處出入口，並設立管制站嚴格控管人流進出。直到 5 月 15 日因應政府放寬防疫政策，本校隨即調整門禁管制及量測體溫措施，解除淡水校園門禁管制、調整量測體溫樓館範圍。

## 支持藝術與文化遺產

本校各單位定期舉辦的藝術講座、音樂展演活動、藝術教學研究會、藝術工作坊、畢業製作展演、影展、學生學習成果展等，均提供社區人士免費觀賞。USR 以淡水為基地開設的七大計劃持續進行中：世界遺產潛力點計畫、清法戰爭古戰場再造計畫、淡水河口藝遊網計畫、淡水區域保存計畫、家鄉守護、淡水歷史步道營造，以及成立淡水工作室，深化在地藝術。建築系進行拉庫拉庫流域布農族佳心舊社古蹟調查研究，並於野柳地質公

園進行 USR 實作作品；文錙藝術中心研發的數位 e 筆持續深化，與校外單位合辦以 iPad 透過 e 筆 APP 寫春聯，發揚書法藝術，並定期於總統府前廣場及圓山飯店舉辦新春開筆大會，邀請書法家暨愛好書法之各界人士參加揮毫賀新年，讓社會大眾欣賞名家展現的春聯藝術；通核中心於淡江鄞山寺舉辦「廟口音樂會」，結合淡水在地藝文與宗教團體，舉辦戶外開放性音樂會，將藝文活動融入社區生活。

## SDG 11.2.6 記錄與保存文化遺產

2020 年 3 月至 7 月，文學院資圖系教授帶領的淡水維基館研究團隊，於本校海事博物館舉辦「河海山城老淡水--蔡坤煌攝影 VR 展」，以虛實相整、數位策展之模式，結合虛擬實境 VR、實體海報、現場解說等，賦予老照片新生命，達到記憶傳承、知識傳播的效益；2020 年 10 月，文學院歷史學系教授以 1884 年清法戰爭為發想，結合淡水在地美食，設計文化創意料理「滬尾宴」，將歷史典故與食材結合，運用料理巧思，將歷史場景與創作理念，改以佳餚呈現；2020 年 10 月，文學院於滬尾偕醫館展出 USR 計畫成果，包括「USR 在地文創特展」、「蔡坤煌攝影 VR 互動區」、「清法戰爭滬尾之役主題區」，以及「大淡水文創桌遊展示區」等計畫成果，副總統特別蒞臨參觀；文學院中文系於 2020 年度出版雜誌《淡淡》第 10、11 期，進行淡海輕軌通車後的淡水交通、淡水銀髮族生活調查紀錄，另於 2020 年 12 月辦理 10 冊合刊輯發表會。

## 支持藝術和文化遺產方面的支出

2019 年度大學總支出為新臺幣 3513574964 元，包括：

人事費—新臺幣 2162349788 元

業務費及其他費用—新臺幣 1351225176 元

2019 年度大學用於支援藝術和遺產開支為新臺幣 139985346 元，其中包括：

圖書館（含校史館）購置圖書及博物等及人力支援運營—新臺幣 121984552 元

文錙藝術中心藝術展覽及人力支援運營—新臺幣 8120338 元

院系展覽和校園開放空間維護及運營—新臺幣 9880456 元

圖書館：(2019 學年度單位支付藝術與遺產的支出，含圖書博物及書刊等)79994276 元

工學院：資工系支出「淡江美景機器人互動式導覽系統」450000 元

外語學院：支出共計 137766 元。



# 永續的實踐

為了追求人居環境的永續發展，本校分別於 2008 年及 2012 年獲世界衛生組織社區安全推廣協進中心（World Health Organization Collaborating Centre on Community Safety Promotion）「國際安全學校」認證及再認證，成為全球第一所通過該認證的大專院校，自此本校即以「永續校園」作為校園環境管理的核心精神，依據短、中、長期制定校園發展計畫藍圖，營造安全、永續的校園環境。由於校園位於山坡地，並不適合單車行駛，因此優先發展大眾運輸取代私人運具；而校園內愈來愈少的停車格位，隨之增加的是愈來愈多的人車分道與行人徒步區範圍，提供教職員工生在校園裡更自在悠遊的環境。

此外，透過學生宿舍硬體建築的更新及生活行為模式的轉變，逐步導入永續發展的概念；舉例來說，本校原有大型交通車負責校園間及捷運站的接駁，但車齡老舊且使用柴油製造空氣汙染，因此淘汰原有大型交通車，改採協調公車業者以中型低底盤巴士入校接駁，服務班次增加到原有早午晚各一班次的 100 倍；搭配 U-bike 共享單車站的設置，大幅提升淡水校園往返捷運站和輕軌站的便利性，也提升了教職員工生，甚至身障朋友使用大眾運輸的意願。搭配人員自由出入的無圍牆校園，使得校園變成鄰近社區居民往返淡水捷運站的最佳中繼點，擴展了周邊居民享受大眾運輸服務的可及性。

## 設定目標

1. 本校淡水校園師生通勤方式普遍以捷運轉公車為主，因此，本校乃規劃公車可行至校內，結合紅 27、紅 28 路線公車，設置淡水捷運站與校園間的接駁車，平均 3-5 分鐘一班的車次，滿足教職員工生通勤的需求；此外，並設有公車直達台北市區及淡水市區，提供學生及教師進出校園至各市區便利性。捷運周邊也可選擇 Ubike 自行車、徒步方式（約 10 分鐘）到達校內，減少能源消耗、空氣汙染，並增加機動性。目前正協調新北市政府增設電動版自行車站點中。
2. 自 2016 年起連續 5 年與指南客運公司合辦「淡江公車讚活動」，以抽大獎方式鼓勵師生踴躍搭乘公車通勤、通學。
3. 台北校園位於台北市中心，緊鄰台北捷運東門站，多條捷運和公車的路線環境四通八達。

## 促進永續的通勤方式

本校淡水校園來往淡水捷運站，主要仰賴紅 27、紅 28 路線公車，其中紅 28 路線因為距離短、班次多，搭乘者眾多。本校自 2015 年起將路線起站移入淡水校園中心點（行政大樓旁），提供教職員生更方便的搭乘機會。2018 年起，新北市政府交通局於水源街門口旁設置 U-bike 共享單車站點，30 分鐘內免收費，提供淡水校園往返淡水捷運站或輕軌淡江大學站更經濟的選擇。另外，本校於 2019 年 10 月與 Gogoro 公司簽訂電動機車電池交換站，深受師生及當地居民支持，每月使用超過 5,000 人次，Gogoro 公司之後申請增加使用電力，由原來 15kva 增加至 35kva。

為了提升教職員工生使用公車作為通勤、通學交通工具之意願，本校自 2016 年起連續 5 年與指南客運公司合辦「淡江公車讚活動」，以搭乘愈多趟就能抽大獎方式，鼓勵教職員生踴躍搭乘公車。

## 遠距工作

本校 2020 年 3 月因應傳染病疫情分流及遠端辦公，經校長核示，採取下列措施：

1. 全校同仁成立 Line 群組；
2. 無法到校者，採居家遠距辦公；
3. 由各級主管經由 Line 群組及防疫小組指揮二級單位成員。

3 月 27 日公布實施「因應『嚴重特殊傳染性肺炎』應變措施」，明訂分流遠端辦公之各項規定，各單位隨即於 3 月 31 日前規劃完成職員分組上班名單，並學習異地辦公及 MS Teams 操作模式。

隨後，由於今年 COVID-19 疫情全國提升為三級警戒，本校自 5 月 19 日起實施分組(A 組/B 組)遠端辦公，並要求一、二級主管及職員，務必參加資訊處配合遠端辦公規劃之「居家辦公課程」：

1. MS Teams 操作及應用；
2. 遠端桌面連線+軟體雲屬適應課程，620 人參加；
3. One Day in Office 為進階訓練，428 人參加；
4. Smart PDCA 開會標準作業流程實作工作坊，191 人參加。

總計開設 4 門課程、16 場次，計 1,771 人次參加。

本校重視同仁福利，寒假給予兩週假期，暑假則給予一週休假。7-8 月暑假期間，每週工時更縮短為 28 小時，較法定工作時數每週減少 12 小時。另外，配合防疫工作之推動，各樓館量測體溫人員，「防疫加班」於平日申請補休者，補休時數以 1 倍計；若於 7-8 月間補休者，補休時數改以 2.5 倍計，但為確保各單位業務正常運作，暑假補休時數上限為 110 小時。遠端辦公選擇「休年資假」者，當週二分之一日數以年資假計算，另二分之一給予公假。

## 員工住宿

本校淡水校園員工宿舍分為教職員工眷舍及女性教職員工宿舍，提供教職員工申請住宿。原有眷舍計 31 間、女性教職員工宿舍計 22 間，2020 年起考量照顧學生優先，將部分教職員工宿舍改建為學生宿舍（松濤四、五館），故現今淡水校園僅提供公務宿舍 8 間，由管理單位總務處訂定淡江大學公務宿舍住宿及管理要點，提供副校長級以上配住，其餘開放特定職務且經專簽核准住宿者住宿。

蘭陽校園員工宿舍則分為教職員工宿舍及公務宿舍，提供教職員工住宿申請，教職員工宿舍分為單人式套房共計 28 間及家庭式套房共計 5 間；公務宿舍為單人雅房，共計 8 間，另提供 1 間無障礙兩人套房。

## 學生住宿

本校 2020 年有松濤一、二、三館女生宿舍，提供 2 人或 4 人雅房，共計 2,015 床。另於校外承租淡江學園學生宿舍，設有 3-4 人套房，共計 984 床提供男、女學生住宿。蘭陽校園宿舍大樓（建軒一館及文苑一館）男、女學生宿舍，提供 2 人雅房，共計 825 床。由學生事務處住宿輔導組負責學生住宿申請、床位編配、床位候補、退宿等相關業務；此外，為落實住宿生服務與輔導，輔導住宿生成立宿舍自治會，由熱心服務的同學義務籌劃各類活動，並透過舉辦各類活動，協助同學適應住宿生活，提供輔導、關懷照顧及安全管理，營造溫馨祥和的住宿環境，期使同學安心居住，快樂學習。

## 校園內行人優先權

淡水校園內劃設行人專用徒步區，禁止各式車輛通行，營造以人為本、行人優先的空間權利，行人徒步區主要集中在宮燈教室、傳播館、體育館與會文館之間、商管大樓北側、海事博物館旁、海報街與書卷廣場、外語大樓至松濤館前道路等區域；總務處並於部分行人徒步區旁規劃設置餐飲小店，除鼓勵全校教職員工生使用之外，更能活絡校園生活

機能，營造優質休憩環境。另外，由於淡水校園及蘭陽校園皆位處山坡地，校園內車輛速度限 20 公里/小時，部分路段亦搭配車輛減速墊（坡），避免車輛超速危害行人安全；近來在本校交通安全教育委員會指導下，進一步籌畫加入測速設備，確保校園行車安全。

## 與地方當局合作

於校內，組織校園規劃委員會，結合同設計專長之教師與建築師事務所，提出「新東村」園區構想，向教育部爭取經費支援改善學生住宿環境。

於校外，本校與在地合作，以淡水社區為服務對象，進行環境規劃，相關作為如下：

1. 藝遊密境：協助淡水齊柏林基金會，後方廣場整理與重新規劃。
2. 藝遊微境：協助淡水興仁國小規劃周圍通學路徑，並帶領同學於「構築課」以木構造施作；帶領同學參加台北市社會住宅之規劃討論與競圖。
3. 本校與淡水街道文化促進會，參與「新北市社區規畫師計畫」，盤點街區閒置小角落，將多處小空間整理美化，並營造高齡友善角落，形成系統性的文化地景生活街區。



## 新建物依循永續標準

本校遵照我國綠建築標章規範，設計新式建築。所稱綠建築係指在建築生命週期中（從建材生產到建築物規劃、設計、施工、使用、管理及拆除之一系列過程），消耗最少地球資源，使用最少能源及製造最少廢棄物的建築物。目前本校已取得綠建築標章者包含以下 2 處：

1. 淡水校園守謙國際會議中心：該建築之設計標準除了符合建築技術規則建築設計施工編第十七章綠建築基準之相關規範外，並已取得綠建築證書，為更高標準設計。2019 年經財團法人台灣建築中心評定符合綠建築評估手冊-基本型（2015 年版）規範，並獲得綠建築銀級標章證書。
2. 蘭陽校園行政大樓及宿舍大樓於 2007 年獲得綠建築銀級標章證書。

## 避免過度開發

依據本校校園規劃委員會決議，近 5 年（2020-2024 年）將不再新建新大樓。未來淡水校園、台北校園及蘭陽校園如有新建築計畫，將優先將舊建築物評估其耐久性並朝空間活化再利用為原則，即以原地現址重建為主，不增加校園非透水鋪面，可降低校園環境衝擊及避免建材資源浪費。例如 2020 年本校將淡水校園剛、毅棟職員工宿舍改建為松濤四、五館學生宿舍，即透過舊建築再利用，在原有的宿舍空間基礎下重新隔間、裝潢，作為提供學生家庭式住宿的空間，過程避免拆除重建所產生的大量資源消耗，其精神與隔壁相鄰同樣也是舊建築再利用的教育學院大樓相戶呼應。





# TAMKANG UNIVERSITY

No.151, Yingzhuan Rd.,  
Tamsui Dist., New Taipei City 251301,  
Taiwan (R.O.C.)  
Tel:+886-2-2621-5656