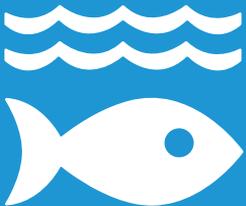




# SDG REPORT 2024-2025

SUSTAINABLE DEVELOPMENT GOALS



# SDG 11 SUSTAINABLE CITIES AND COMMUNITIES



- 1** FREE PUBLIC ACCESS TO GREEN AND OPEN SPACES
- 2** SAFEGUARDING THAI AND DISPLACED PEOPLE'S CULTURAL HERITAGE
- 3** ACTION PLAN ON SUSTAINABLE COMMUTING
- 4** COLLABORATION FOR ADDRESSING AFFORDABLE HOUSING NEEDS



11 SUSTAINABLE CITIES AND COMMUNITIES



# MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

## FREE PUBLIC ACCESS TO BUILDINGS AND MUSEUMS

### HERITAGE LANDSCAPE



TOOMPANG ARCHEOLOGICAL SITE

### GREEN SPACES



WALAILAK BOTANIC PARK

## SUSTAINABLE COMMUNICATION AT WU



BICYCLE ROUTES

57

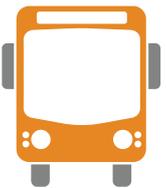


PEDESTRIANS

58

ELECTRIC VEHICLES USED ON CAMPUS

364



BUS POOLING SERVICES

2



ELECTRIC SHUTTLE BUS

12



## AFFORDABLE HOUSING FOR ALL



7,253

STUDENTS



1,161

STAFF



15

LOCAL COMMUNITIES

## THE NORA 12-POSTURE LEARNING PROGRAM



WU AWARDED AS A DEDICATED ORGANIZATION FOR CULTURAL PRESERVATION



Toompang Archaeological Site

## FREE PUBLIC ACCESS TO GREEN AND OPEN SPACES

Characterizing the devotion to sustainability and community well-being, Walailak University (WU) provides free public access to the open spaces and green spaces. These areas are thoughtfully designed to promote recreation, education, and environmental stewardship while fostering harmony between people and nature.

includes cycling and jogging tracks, yoga spaces, and scenic areas for relaxation. Walailak Botanic Park, at 853,760 square meters, offers attractions like the Canopy Walkway and Bota Sky Tower, creating a vibrant hub for leisure and education. The French-style garden adds elegance and biodiversity to the campus.

### Open Spaces for Community and Recreation

BOTA Market Open Space serves as a free-for-all venue for events, performances, and social gatherings, uniting students, staff, and the public. The Tent Area provides camping opportunities in serene, natural surroundings, while BOTA Home & Camp supports seminars and training with SHA-certified facilities. The Aerobic Area encourages health and fitness activities in a beautiful setting.



Bota Sky Tower



### Seasonal Events and Attractions

In 2024, Walailak Botanic Park hosted the "Tulip Festival Botanic Park" at the Temperate House. Visitors experienced a cool, air-conditioned environment showcasing a variety of temperate plants, including vibrant tulips in five colors: purple, red, white, pink, and yellow. The festival also featured other ornamental plants such as butterfly flowers, dwarf zinnias, impatiens, and orchids. The WBP included access to five additional greenhouses: Bromeliad House, Calathea and Canna House, Fern House, Foliage and Anthurium House, and Cactus Dome.

### Green Spaces for Exploration and Relaxation

Walailak Park, spanning 408,000 square meters, is Thailand's largest university park. It

# SAFEGUARDING THAI AND DISPLACED PEOPLE'S CULTURAL HERITAGE

Preserving local, regional, and national cultures, as well as the cultures of displaced communities, has long been a priority for WU. Situated in southern Thailand, a region rich in cultural heritage, the university recognizes its responsibility to safeguard these traditions as part of its role in cultural stewardship.

Nora, a traditional dance-drama from southern Thailand, represents the region's lifestyle, beliefs, and wisdom. To ensure its preservation in the digital age, WU has introduced the innovative Nora 12-Posture Learning Program, blending tradition with technology, Nora Walailak.

Using Motion Capture technology, the program digitally records the foundational 12 postures of Nora as passed down by National Artist Yok Chubua. These movements are transformed into an interactive learning system, allowing learners to practice in real time with corrective feedback.



SCAN QR CODE  
AR NORA WALAILAK

WU has also established Nora Youth Training Centers in Chumphon and Phatthalung provinces to nurture a new generation of performers. These centers act as cultural hubs, promoting Nora as both an art form and a living heritage.

Moreover, The University was honored with the "Dedicated Organization for Preserving Culture" award from the Ministry of Culture of Thailand in recognition of its efforts to preserve the Menora Dance.

## Preserving Local and Regional Cultural Heritage

Beyond Nora, WU organizes various activities to celebrate local cultures, including traditional performances by students from the WU Dance

Club and the Faculty of Education and Liberal Arts. These performances include:

**"Aryachamoklan" Performance:** Showcasing the ancient Moklan civilization through artistic dance and traditional choreography.

**"Lai Thom Muang Nakhon" Performance:** Highlighting the craftsmanship of Nakhon Si Thammarat's traditional nielloware, a hallmark of regional identity.

**"Natthaya Bucha Nora Songkrueng" Performance:** A creative portrayal of the origins of Nora, integrating poetry, music, and choreography to represent Southern identity.

These efforts inspire pride in regional traditions and culture and reinforce WU's commitment to cultural preservation.

## Promoting National Cultural Heritage

At the national level, WU actively upholds key Thai traditions through events such as:

• **Walailak Songkran Festival:** Celebrating the Thai New Year with traditional practices like pouring water to honor elders and cultural activities that strengthen community ties.

• **Loy Krathong Festival:** Engaging participants in the traditional floating of krathongs, emphasizing the connection between communities and nature while celebrating Thai cultural beauty.



## Preserving Heritage of Displaced Communities

WU also works to preserve the heritage of displaced or minority communities, such as the Mani ethnic group, an indigenous people in southern Thailand. WU established the Mani Ethnographic Museum, documenting their lifestyle, knowledge,



and natural resource management. This initiative is part of the Royal Project on Plant Genetic Conservation, which raises awareness about cultural and ecological preservation.



WU's multifaceted efforts—from safeguarding the Nora dance through cutting-edge technology, nurturing youth performers, and celebrating regional artistry, to honoring national traditions and preserving the heritage of displaced communities—demonstrate its unwavering commitment to cultural stewardship. By integrating innovation with tradition and fostering community engagement, The university ensures that diverse cultural heritages continue to thrive for future generations. These initiatives safeguard intangible cultural heritage as a hub for cultural research, collaboration, and sustainable community development.

## ACTION PLAN ON SUSTAINABLE COMMUTING

WU is a leader in sustainable commuting, implementing innovative policies and environmental initiatives to reduce its carbon footprint. WU promotes eco-friendly commuting for students, staff, and the wider community.

### Promoting National Cultural Heritage

In 2024, WU undertook key actions to reduce greenhouse gas emissions and improve mobility:

- Electric Shuttle Services:** A fleet of 12 electric shuttles and golf carts operates on five major routes, connecting academic buildings, dormitories, sports facilities, the university hospital, and Walailak Botanic Park. These shuttles, which accommodate around 7,000 passengers daily, provide 330 zero-emission trips per day and feature a real-time tracking system for efficiency.



- Pedestrian Pathways:** The expansion and enhancement of covered walkways facilitate seamless connections between key campus areas,

encouraging walking as a sustainable and healthy commuting alternative.



- Bicycle Lanes:** Dedicated bike lanes have been established to promote cycling as a safe, eco-friendly commuting option.

- Electric Vehicles (EVs):** WU has significantly expanded its fleet of electric cars, buses, motorcycles, scooters, and mopeds to reduce on-campus emissions and dependence on fossil fuels.

- Carpooling and Vanpooling Programs:** Shared transit options have been introduced to alleviate traffic congestion, minimize fuel consumption, and foster community interaction among students and faculty.

### Major Actions in 2024

- Expansion of Pedestrian Walkways:** Additional walkways, especially around Walailak Botanic Park, have improved accessibility and encouraged walking and outdoor activities.

- Increased Adoption of Electric Scooters:** The growing use of electric scooters and mopeds has



further reduced emissions and contributed to a cleaner campus environment.

- **Restricted Vehicle Access:** The university has designated certain areas as low-traffic zones to promote pedestrian-friendly spaces and reduce congestion.

Through its comprehensive actions in 2024, including electric shuttles, expanded pedestrian

and cycling infrastructure, EV adoption, and shared transit programs—WU has strengthened its role as a leader in sustainable commuting. These initiatives not only reduce greenhouse gas emissions and traffic congestion but also promote healthier lifestyles and foster a greener, more connected campus community. They also show the WU’s sustainable communication on campus.

## COLLABORATION FOR ADDRESSING AFFORDABLE HOUSING NEEDS

The University continues to demonstrate its commitment to social responsibility and community development by collaborating with local authorities to plan to ensure that local residents are able to access affordable housing. Since its establishment in 1992, the university has utilized its vast 20,800,000-square-meter campus for academic purposes while supporting communities through initiatives like the Satit Walailak Pattana Community Project.

### Collaborative Housing Solutions

In 2024, WU partnered with the Agricultural Land Reform Office, the Ministry of Agriculture and Cooperatives, and local officials from Tha Sala District and Nakhon Si Thammarat Province to develop housing solutions for low-income residents. Together, they allocated land and constructed affordable homes for 15 disadvantaged individuals in the Satit Walailak Community.



WU actively supported the initiative by clearing land and providing financial assistance for building materials, ensuring residents could access safe

and affordable housing while addressing a vital regional need.

### Enhancing Community Development

Beyond housing, WU collaborates with local authorities on broader community development initiatives, guided by the principle of “Increasing income, creating jobs, and developing people.” These programs include:

- **Education and Training:** Expanding educational opportunities for local residents.
- **Health and Wellness:** Improving public health services and infrastructure.
- **Resource and Environmental Management:** Promoting sustainable land use and environmental stewardship.
- **Cultural Enrichment:** Celebrating and preserving local traditions and heritage.

### Commitment to Sustainable Development

WU’s collaboration with local authorities ensures that development aligns with sustainable land use and long-term planning goals. By addressing housing needs and promoting socio-economic growth, the university fosters a thriving, inclusive community where residents enjoy an improved quality of life.

This ongoing partnership underscores the power of working together to tackle critical planning and development challenges, securing a brighter future for the region.