

## CPD Guided Tour



Organised by Environment & Sustainable Development Committee  
Supported by PGBC and BEAM Society

# CPD Guided Tour: 低碳本地遊：大潭水務文物 Tai Tam Waterworks Heritage Tour

4 Jan 2025 (Saturday)  
9:30-13:00

1883-8



Online Registration Form  
**Registration Deadline: 29 December 2024**

**Language**  
Cantonese

**CPD Hours**  
3.5 hours

**Admission Fee**  
HKD 100

**Quota**  
30

**Itinerary**  
[Tai Tam Waterworks Heritage  
Tour Itinerary .pdf](#)

## WSD Tai Tam Tour

Tai Tam Reservoir is a group of reservoirs located in Tai Tam Country Park, consisting of Tai Tam Upper Reservoir, Tai Tam Byewash Reservoir, Tai Tam Intermediate Reservoir, and Tai Tam Tuk Reservoir, which was built between 1883 and 1917. After more than a century, Tai Tam Reservoir is still operating for the water supply in Hong Kong. The visit will enlighten the participants on the history of waterworks heritage with the story of people and buildings along the Tai Tam Waterworks Heritage Trail. **Some of the closed buildings will be opened for visit in guided tour assisted by Water Supplies Department (WSD).**

## Tai Tam Scheme

The Tai Tam Scheme was started early in 1872 and was shelved 1874 because of depression of economy. The scheme was continued later in 1882 and virtually completed in 1888. Yet again, the supply was proved insufficient and the building of the Tai Tam Tuk dam began between 1912 and 1917. In the 1880s, two gentlemen namely Robert Leigh and James Orange associated with the architectural history of Hong Kong were involved in the Tai Tam Scheme.

## Robert Leigh

In 1879, Robert Leigh took a draughtman's job in the Hong Kong Government. In 1882, when Hong Kong's demand for water grew beyond the capacity of Pokfulam Reservoir, Leigh was assigned to oversee construction of Tai Tam Reservoir. But he left the job shortly.

## James Orange

James Orange was then recruited to be a resident professional on the Tai Tam Reservoir project. Orange supervised the Upper Reservoir completed in 1888 with its magnificent masonry dam, while designing the slightly lower Byewash Reservoir which further increased water storage capacity. In 1890, Orange joined Leigh's architectural practice in the private sector.

## Sustainable Design

The Tai Tam Reservoirs are regarded as one of the city's most beautiful and enduring infrastructure projects. Dr Lee Hoyin, formerly director of the Conservation Division at The University of Hong Kong, described Tai Tam Reservoir as an amazing piece of engineering and there's a poetic, almost ancient elegance to its structure. And it still works!

WSD Tour Leaders

## WSD Representatives



Organizer

**Ar. Yvonne IEONG**

Chair of HKIA Environment & Sustainable Development Committee



Advisor

**Ar. Prof. KS Wong**, GBS, JP

Chair of Wu Zhi Qiao (Bridge to China) Charitable Foundation  
Former Secretary for the Environment, HKSARG



香港建築師學會  
The Hong Kong Institute of Architects

Supporting organizations:



HKIA Circular: 109/2024  
CPD Circular: 74/2024