

**STUDY TOUR 2024:  
TAIWAN & AUSTRALIA**

**INFORMATION PACKAGE STUDY TOUR 2024:  
General Information Package**



# PACIFIC PERSPECTIVES

‘No Engineer is an Island’



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## INTRODUCTION

Currently, five students from the University of Twente are organizing a study tour concerning Civil Engineering. The study tour is an intercontinental tour, which is organized once every two years by study association ConceptT for Civil Engineering students at the University of Twente. After traveling to China, India, South-Africa, Brazil, Indonesia, Argentina & Uruguay, America, Japan, and the United Arab Emirates & South Korea we will visit Taiwan and Australia this time. The theme of the study tour is “Pacific Perspectives” and it will take place in October 2024. Approximately 28 motivated master student participants including the organizing committee and 2 supervisors will join the tour.

### University of Twente

Before explaining more about this study tour, the University of Twente will be introduced. The University of Twente is a research university where technical developments and their importance to individuals and society are at the forefront. The university is located at the east of the Netherlands and differs by other universities in the way education is performed. Most universities mainly focus on lectures and theoretical knowledge. At the University of Twente the program is split in modules of 10 weeks each. These modules of course include theoretical knowledge but it also addresses a real-world problem, putting the theoretical knowledge into practice. Through this approach, students will be well prepared for their work field.

### Civil Engineering

The study tour will be organized together with the educational department of the University of Twente, especially the faculty of Civil Engineering. The department of Civil Engineering at the University of Twente mainly focuses on the management part of civil engineering. This is split into three departments:

- Construction Engineering and Management
- Water Engineering and Management
- Traffic Engineering and Management

### Study Tour

The goal of this study tour is to become familiar with both Taiwan and Australia with a focus on their academic environment, companies relate to civil engineering and cultural assets. This will be done by visiting approximately 20 excursions in Taiwan and Australia. The experience that are gained with this tour ensure that students have a better understanding of problems and can have a different view on solving these problems. Companies related to civil engineering also benefit to such a study tour by sharing knowledge and experiences

But why did we choose for both the Taiwan and Australia? Taiwan is a small island nation in East Asia that has made impressive strides in economic and technological development in recent years. Taiwan undergoes a lot of different natural disasters, like earthquakes and typhoons. Therefore, there are a lot of civil engineering challenges to protect the island against this. Australia, on the other hand, is a vast and sparsely populated continent with a rich history and diverse culture. Sydney and Melbourne are two of Australia's largest and most dynamic cities, with thriving economies and bustling urban environments that require innovative civil engineering solutions.



## INTRODUCTION

The theme “no engineer is an island” is a reference to the famous quote by John Donne: ‘No man is an island’ as the same is especially true for engineering and engineers themselves. Engineers are involved in mankind by the innovations they bring. This team focuses on the fact that engineering is about teamwork and team efforts, often multi-cultural, as engineering is a feat that cannot be done alone by a single engineer or country. Every engineer, country and island brings its own perspective and input to the field of civil engineering and engineering in general.

### Countries & Cities

We are planning to visit Taipei in Taiwan and Sydney and Melbourne in Australia

We will visit Taipei, the capital city of Taiwan, which is a hub of innovation and technology in East Asia. In addition to exploring its world-renowned tech companies and research institutions. There is an opportunity to visit some of its most iconic landmarks, such as Taipei 101 and the National Palace Museum.

In Australia, we will visit Sydney and Melbourne, two of the country's largest and most dynamic cities. In Sydney, there is a lot to explore: its famous harbor and iconic Opera House, as well as its innovative infrastructure projects, such as the Sydney Metro and the WestConnex motorway. In Melbourne, there is a lot to learn about its thriving arts and culture scene, as well as its innovative approaches to urban planning and transportation, such as the Melbourne Metro Tunnel and the Yarra Trams network.

## VISIT

Visits of different kinds of organizations are essential to carry out the research. There will be a final report about the findings before and during the study tour. The findings obtained during the study tour should come from all excursions done in the United Arab Emirates and South Korea. All organizations that contribute to this tour will receive the final report of the research and the visits that are made.

### Expectations Visit

To get a good impression of what your company does, it is useful if this visit would include:

- A presentation from your side.
- A presentation by us about the background of the University of Twente related to the theme.
- Room for discussion.
- If it is possible, it would be nice to visit a project as well or have a case about challenges you face within certain projects.

Of course, we are open for suggestions or other plans for a visit as we strive to make each visit an unique experience.



## VISIT

### City Planning

The study tour will take place in October 2024. We will stay about one week in the Taiwan, followed up by two weeks in Australia. We will visit Taiwan in between 30 September - 8 October and Australia between 8 - 20 October. In Australia we will visit Sydney in the first week and in the second week we will visit Melbourne.

### Benefits Hosting Organization

For participants of the study tour, a visit to a company, consultancy, university or government agency would be helpful to get new insights on several aspects of Civil Engineering. These insights can be gained during the discussion sessions with both students and supervisors from the University of Twente. We will be well informed about the situations in Taiwan and Australia before the study tour is carried out. Nevertheless our view could be different as your view. Furthermore, your organization will be better known by participants and participating organizations in the Netherlands, Taiwan, and Australia. All organizations that contribute to this tour will receive the final report of our research and the visits we made.

For further information or questions you can always call the Chiefs of Excursions:

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