

環境部環境管理署

「2024 年土壤及地下水技術交流活動 (含交流會議及現地參訪)」簡章

一、辦理目的

近年來經濟快速發展，導致東南亞當地產生環境污染問題，為因應此一情勢，我國政府以「新南向政策」作為現階段整體對外經貿戰略，且由於近年來留學臺灣之外籍生人數逐漸增加，代表各國對於環境保護問題相當重視。透過辦理「土壤及地下水技術交流活動(含交流會議及現地參訪)」，拓展在臺留學之外籍學生與本國籍學生對於環境保護之理念，進一步瞭解臺灣現行推動土水政策與發展技術，深化臺灣與東協國家環境夥伴合作網絡關係，達到共同培育我國與東協國家土水人才之目標。



二、辦理單位

(一) 主辦單位：環境部環境管理署土污基管會

(二) 執行單位：財團法人環境永續發展基金會

三、參與對象

邀請各大專校院環境、土木及地球科學領域相關科系之外籍研究生與本國籍研究生(包含碩士班及博士班)，且符合以下其一資格即可報名參加：

- 1、留學臺灣外籍研究生(以東協國家學生為優先，包含碩士班及博士班)。
- 2、就讀東協國家外籍研究生(以具有東協國家國籍為優先，包含碩士班及博士班)。
- 3、本國籍研究生(包含碩士班及博士班)。

四、活動議程

「2024 年土壤及地下水技術交流活動（含交流會議及現地參訪）」分為北、中、南區共計 3 個場次，每 1 場次皆為 2 天 1 夜活動。

（一）第一場次交流會議及現地參訪－北區

1. 交流會議

- (1) 日期：2024年5月13日（一）上午9時40分至下午5時。
- (2) 地點：集思北科大會議中心2樓貝塔廳（臺北市大安區忠孝東路三段1號2樓億光大樓），如圖1所示。
- (3) 參與人數：30人。
- (4) 會議語言：以英文為主，視需求安排口譯。

2. 現地參訪

- (1) 日期：2024年5月14日（二）上午9時30分至下午3時。
- (2) 地點：土壤博物館（國立臺灣大學內，臺北市大安區基隆路四段42巷）。
- (3) 參與人數：30人。
- (4) 活動語言：以英文為主，視需求安排口譯。

3. 交流會議及現地參訪議程如表1所示：

表 1 第一場次交流會議及現地參訪議程

時間	議程
第一天：土壤及地下水交流會議	
09:40-10:00	活動報到
10:00-10:15	環境部環境管理署 貴賓致詞
10:15-10:20	合影
10:20-11:00	議題1：臺灣土壤與地下水保護現況與願景
11:00-11:20	休息時間
11:20-12:00	議題2：淨零排放轉型下之綠色永續土水整治
12:00-13:00	午餐
13:00-13:30	2024年土壤及地下水調查整治研究競賽徵件說明會 (場次1－開放視訊共同參與)
13:30-14:10	議題3：土壤及地下水產業發展現況與未來挑戰
14:10-15:40	議題4：東協國家土壤與地下水保護現況(分組討論)
15:40-16:00	休息時間
16:00-17:00	綜合討論 學生學習分享
17:00-	接駁至主辦單位安排住宿地點
第二天：土壤及地下水之現地參訪	
09:30-10:00	參訪集合及路程
10:00-12:00	〈土壤博物館〉參訪及土壤採樣操作示範 (國立臺灣大學洋菇館1樓會議室)
12:00-14:00	午餐及路程
14:00-15:00	土壤及地下水污染防制之技術應用 (國立臺灣大學農業試驗場)
15:00-	接駁至臺北火車站

(二) 第二場次交流會議及現地參訪－中區

1. 交流會議

- (1) 日期：2024年7月15日（一）上午9時40分至下午5時。
- (2) 地點：集思新烏日會議中心4樓401富蘭克林廳（臺中市烏日區高鐵東一路26號），如圖2所示。
- (3) 參與人數：30人。
- (4) 會議語言：以英文為主，視需求安排口譯。

2. 現地參訪

- (1) 日期：2024年7月16日（二）上午9時30分至下午4時。
- (2) 地點：台灣土壤陳列館（農業部農業試驗所內，臺中市霧峰區中正路189號）。
- (3) 參與人數：30人。
- (4) 活動語言：以英文為主，視需求安排口譯。

3. 交流會議及現地參訪議程如表2所示：



表 2 第二場次交流會議及現地參訪議程

時間	議程
第一天：土壤及地下水交流會議	
09:40-10:00	活動報到
10:00-10:15	環境部環境管理署 貴賓致詞
10:15-10:20	合影
10:20-11:00	議題1：臺灣土壤與地下水保護現況與願景
11:00-11:20	休息時間
11:20-12:00	議題2：淨零排放轉型下之綠色永續土水整治
12:00-13:00	午餐
13:00-13:30	2024年土壤及地下水調查整治研究競賽徵件說明會 (場次2－開放視訊共同參與)
13:30-14:10	議題3：土壤及地下水產業發展現況與未來挑戰
14:10-15:40	議題4：東協國家土壤與地下水保護現況(分組討論)
15:40-16:00	休息時間
16:00-17:00	綜合討論 學生學習分享
17:00-	接駁至主辦單位安排住宿地點
第二天：土壤及地下水之現地參訪	
09:30-10:00	參訪集合
10:00-12:00	土壤簡易採樣設備介紹(議蘆會館2樓會議室)
12:00-14:00	午餐及路程
14:00-16:00	〈台灣土壤陳列館〉參訪(農業部農業試驗所內)
16:00-	接駁至新烏日火車站



(三) 第三場次交流會議及現地參訪－南區

1. 交流會議

- (1) 日期：2024年8月13日（二）上午9時40分至下午5時。
- (2) 地點：蓮潭會館大型會議室（高雄市左營區崇德路801號），如圖3所示。
- (3) 參與人數：30人。
- (4) 會議語言：以英文為主，視需求安排口譯。



2. 現地參訪

- (1) 日期：2024年8月14日（三）上午9時15分至下午4時30分。
- (2) 地點：中油高雄煉油廠環境教育園區（高雄市楠梓區左楠路2號）。
- (3) 參與人數：30人。
- (4) 活動語言：以英文為主，視需求安排口譯。

3. 交流會議及現地參訪議程如表3所示：



表 3 第三場次交流會議及現地參訪議程

時間	議程
第一天：土壤及地下水交流會議	
09:40-10:00	活動報到
10:00-10:10	行政院環境保護署 貴賓致詞
10:10-10:20	合影
10:20-11:00	議題1：臺灣土壤與地下水保護現況與願景
11:00-11:20	休息時間
11:20-12:00	議題2：淨零排放轉型下之綠色永續土水整治
12:00-13:00	午餐
13:00-13:30	2024年土壤及地下水調查整治研究競賽徵件說明會 (場次3—開放視訊共同參與)
13:30-14:10	議題3：土壤及地下水產業發展現況與未來挑戰
14:10-15:40	議題4：東協各國土壤與地下水保護現況(分組討論)
15:40-16:00	休息時間
16:00-17:00	綜合討論 學生學習分享
17:00-	至主辦單位安排住宿地點
第二天：土壤及地下水之現地參訪	
09:30-10:00	參訪集合及路程
10:00-12:00	〈中油高雄煉油廠環境教育園區〉參訪 (台灣中油股份有限公司宏南訓練教室202室)
12:00-13:30	午餐及路程
13:30-15:30	土壤及地下水採樣設備介紹 (台灣中油股份有限公司宏南訓練教室202室)
15:30-	接駁至新左營火車站

五、報名方式及整體期程

事項	日期	內容
線上說明會 報名期限	即日起至 2024 年 3 月 22 日 (五) 下午 5 時止。	1. <u>2024 年土壤及地下水技術交流活動 (含交流會議及現地參訪)</u> 報名簡章。 2. 交流活動線上說明會報名網址： https://forms.gle/EUiAQjpR3M9m7zox9  Qrcode
(1)線上說明會 (場次 1)	2024 年 3 月 29 日 (五)上午 11 時。	說明會連結 https://meet.google.com/ahz-pywh-act
(2)線上說明會 (場次 2)	2024 年 3 月 29 日 (五)下午 2 時。	說明會連結 https://meet.google.com/uik-vsyt-tjq
(3)線上說明會 (場次 3)	2024 年 3 月 29 日 (五)下午 4 時。	說明會連結 https://meet.google.com/ojt-pard-tup
交流活動 報名期限	即日起至 2024 年 4 月 22 日 (一) 下午 5 時止。	1. 交流活動報名網址： https://forms.gle/GNU5Y3n16ZMNjEG69  Qrcode 2. 為考量會議活動品質，概不接受現場報名。
第一場次土壤及 地下水技術交流 活動－北區	2024 年 5 月	1. 第 1 天(5 月 13 日)住宿將由主辦單位進行安排，參與者不需支付費用。 2. 與會證明於活動結束後 2 週寄送。
第二場次土壤及 地下水技術交流 活動－中區	2024 年 7 月	1. 第 1 天(7 月 15 日)住宿將由主辦單位進行安排，參與者不需支付費用。 2. 與會證明於活動結束後 2 週寄送。
第三場次土壤及 地下水技術交流 活動－南區	2024 年 8 月	1. 第 1 天(8 月 13 日)住宿將由主辦單位進行安排，參與者不需支付費用。 2. 與會證明於活動結束後 2 週寄送。

※實際期程以主辦單位公告為主。

六、交通資訊

(一) 北區

方式	說明
臺鐵轉乘捷運	<div><div>1. 搭乘臺鐵抵達【臺鐵臺北站】轉乘臺北捷運藍線至【忠孝復興捷運站】1號出口，直走500公尺，約8分鐘抵達。</div><div>2. 搭乘臺鐵抵達【臺鐵臺北站】轉乘臺北捷運藍線至【忠孝新生捷運站】4號出口：直走500公尺，約8分鐘抵達。</div></div>

(二) 中區

方式	說明
臺鐵	<div>1. 搭乘臺鐵抵達【臺鐵新烏日站】由出口處往前直行約50公尺，會議中心即在右側，約2分鐘抵達。</div>

(三) 南區

方式	說明
臺鐵	1. 搭乘臺鐵抵達【臺鐵左營站】，向右方步行經平交道後右轉崇德路，約8分鐘抵達。
臺鐵轉乘公車	2. 搭乘臺鐵抵達【臺鐵新左營站】搭乘紅35公車（往捷運凹子底站方向）抵達【蓮潭會館站】。
臺鐵轉乘捷運	3. 搭乘臺鐵抵達【臺鐵新左營站】，搭乘捷運紅線左營站(R16)到生態園區站(R15)1號出口後，約步行10分鐘抵達。

七、其他事項

- (一) 報名「2024年土壤及地下水技術交流活動（含交流會議及現地參訪）」
任一場次之參與者兩天須全程參與，方能取得**交通費用補助及與會證明**；
每場次技術交流活動為兩天一夜活動，主辦單位將提供參與者第一天之住宿，參與者如擬自行入住非主辦單位提供之旅館，本活動將不予補助住宿費。
- (二) 分組討論部分將由主辦單位進行組別分配。
- (三) 交通費用補助：憑車票票根補助各場次「土壤及地下水技術交流活動（含交流會議及現地參訪）」來回搭乘客運或臺鐵之交通費用（以自強號為補助上限），其他交通工具不予以補助。（請於活動結束後2週內將車票票根、交通費收據資料及個人帳戶封面影本共三份資料寄至32023桃園市中壢區中北路200號生物科技館110室戴欣姿小姐收，待收到資料確認無誤後進行交通費補助。）
- (四) 主辦單位保有計畫內容與活動時程變更及解釋之權利。未盡事宜，依相關法令規定辦理。

八、活動聯絡資訊

- (一) 聯絡窗口：財團法人環境永續發展基金會 戴欣姿 助理
- (二) 聯絡電話：03-2654909
- (三) Email：hsin-tzu-tai@cycu.org.tw

收 據

茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水技術交流活動（含交流會議及現地參訪）（☐第一場次-北區；☐第二場次-中區；☐第三場次-南區）（請勾選場次）」交通費用計新台幣_____元整，確實無訛。



此 致

財團法人環境永續發展基金會

領款人：_____（簽章）

身分證字號（居留證號碼或護照號碼）：_____

住址：_____




中華民國 年 月 日



Environmental Management Administration, MOENV

Guideline for “2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visiting)”

I. Purpose



We have encounter environmental pollution in Southeast Asia due to rapid economy growth. To address this emerging problem, the government initiated “New Southbound Policy” as the overarching economic strategy. In addition, there are more and more international students came to Taiwan, which means environmental issues are gaining significant attention worldwide. Through the “Soil and Groundwater Technology Exchange Event (including forum and on-site visits)”, we hope to enlighten not only native students but also international students on environmental protection and help them gain a deeper understanding of current soil and groundwater policies and strategies. Furthermore, through this event, we aim to deepen the bounds between Taiwan and ASEAN. This will help us achieve the goal of cultivating talents on the field of soil and groundwater.

II. Handling Unit

- A. Organizer: Soil and Groundwater Pollution Remediation Fund Management Board, Environmental Management Administration, MOENV
- B. Implementer: The Taiwan Environmental Sustainable Development (TESD) Foundation

III. Participants

We welcome students (including Master’s and Ph. D students) from environmental, civil engineering and geoscience-related departments. You may sign up if you meet one of the following conditions:

1. The International students (students from ASEAN countries have priority, including Master’s and Ph. D students).
2. The foreign graduate students studying in ASEAN countries (preference will be given to those with ASEAN nationality, including Master’s and Ph. D students).
3. The native Master and Ph. D students.

IV. Agenda

We will hold three sessions of the “2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visits)” with each session taking place in the northern, central, and southern regions of Taiwan. Each session will span 2 days.

A. Session one of forum and on-site visiting—Northern area

1. Forum

- (1) Date: Monday, May 13, 2024, from 9:40 a.m. till 5:00 p.m.
- (2) Venue: Beta hall, 2nd floor, GIS Taipei Tech Convention Center (2nd floor, No.1, Sec.3, Zhongxiao E. Rd, Da'an Dist., Taipei City, Taiwan, Everlight Building, National Taipei University of Technology), and the Transportation information is demonstrated in VI.
- (3) Number of participants: 30 individuals
- (4) Language of the event: English, interpretation will be provided as necessary.

2. On-site visiting

- (1) Date: Tuesday, May 14, 2024, from 9:30 a.m. till 3:00 p.m.
- (2) Venue: NTU Soil Museum (Inside National Taiwan University, No. 1, Sec. 4, Roosevelt Rd., Da'an Dist., Taipei City, Taiwan).
- (3) Number of participants: 30 individuals.
- (4) Language of the event: English, interpretation will be provided as necessary.

3. Agenda as shown in Table 1.

Table 1 Agenda of Session one of forum and on-site visiting

Time	Agenda
First day: Forum of Soil and Groundwater	
09:40-10:00	Registration
10:00-10:15	Opening Remark
10:15-10:20	Group photo
10:20-11:00	Topic 1: Situation and foresight of Soil and Groundwater protection of Taiwan
11:00-11:20	Coffee Break
11:20-12:00	Topic 2: Sustainable Soil and Groundwater rectify under Net Zero Emission
12:00-13:00	Lunch
13:00-13:30	Call for seminar of 2024 Soil and Groundwater Investigation and Remediation Research Competition (Session 1 - Access to online meeting)
13:30-14:10	Topic 3: Current Developments and Future Challenges in the Soil and Groundwater Industry
14:10-15:40	Topic 4 : The situation of Soil and Groundwater protection of ASEAN countries (Group discussion)
15:40-16:00	Coffee Break
16:00-17:00	Comprehensive discussion Student learning and sharing
17:00-	Arrange accommodation at the conference
Second day: On-site visiting of Soil and Groundwater	
09:30-10:00	Set off
10:00-12:00	〈 NTU Soil Museum 〉 On-site Visiting and soil sampling demonstration (1-floor meeting Room, mushroom building, National Taiwan University)
12:00-14:00	Lunch
14:00-15:00	Application of Soil and Groundwater prevention technology (NTU Experimental Farm)
15:00-	Drop off to Taipei Train Station

B. Session two of forum and on-site visiting – Central area

1. Forum

- (1) Date: Monday, July 15, 2024, from 9:40 a.m. till 5:00 p.m.
- (2) Venue: Franklin Hall, 4th floor, GIS Taichung Xinwuri Convention Center (4th floor, No.26, Gaotie E. 1st Rd., Wuri Dist., Taichung City, Taiwan), and the Transportation information is demonstrated in VI.
- (3) Number of participants: 30 individuals.
- (4) Language of the event : English, interpretation will be provided as necessary.

2. On-site visiting

- (1) Date: Tuesday, July 16, 2024, from 9:30 a.m. till 4:00 p.m.
- (2) Venue: Taiwan Soil Museum (Inside Taiwan Agricultural Research Institute, MOA, No.189, Zhongzheng Rd., Wufeng Dist., Taichung City, Taiwan).
- (3) Number of participants: 30 individuals.
- (4) Language of the event: English, interpretation will be provided as necessary.

3. Agenda as shown in Table 2.

Table 2 Agenda of Session two of forum and on-site visiting

Time	Agenda
First day: Forum of Soil and Groundwater	
09:40-10:00	Registration
10:00-10:15	Opening Remark
10:15-10:20	Group photo
10:20-11:00	Topic 1: Situation and foresight of Soil and Groundwater protection of Taiwan
11:00-11:20	Coffee Break
11:20-12:00	Topic 2: Sustainable Soil and Groundwater rectify under Net Zero Emission
12:00-13:00	Lunch
13:00-13:30	Call for seminar of 2024 Soil and Groundwater Investigation and Remediation Research Competition (Session 2 - Access to online meeting)
13:30-14:10	Topic 3: Current Developments and Future Challenges in the Soil and Groundwater Industry
14:10-15:40	Topic 4: The situation of Soil and Groundwater protection of ASEAN countries (Group discussion)
15:40-16:00	Coffee Break
16:00-17:00	Comprehensive discussion Student learning and sharing
17:00-	Arrange accommodation at the conference
Second day: On-site visiting of Soil and Groundwater	
09:30-10:00	Set off
10:00-12:00	Introduction of Soil sampling equipment (2 nd floor meeting room, Yilu Hall)
12:00-14:00	Lunch and Journey
14:00-16:00	〈 Taiwan Soil Museum 〉 On-site Visiting (Inside Taiwan Agricultural Research Institute, MOA)
16:00-	Drop off to Xinwuri Train Station

C. Session three of forum and on-site visiting—Southern area

1. Forum

- (1) Date: Tuesday, August 13, from 9:40 a.m. till 5:00 p.m.
- (2) Venue: R102 Meeting room, Gardenvilla (No. 801, Chongde Rd., Zuoying Dist., Kaohsiung City, Taiwan), and the Transportation information is demonstrated in VI.
- (3) Number of participants: 30 individuals.
- (4) Language of the event: English, interpretation will be provided as necessary.

2. On-site visiting

- (1) Date: Wednesday, August 14, from 9:30 a.m. till 3:30 p.m.
- (2) Venue: CPC Kaohsiung refinery Environmental Education Park (No. 2, Zuonan Rd., Nanzi Dist., Kaohsiung City, Taiwan)
- (3) Number of participants: 30 individuals.
- (4) Language of event: English, interpretation will be provided as necessary.



3. Agenda as shown in Table 3.



Table 3 Agenda of Session three of forum and on-site visiting

Time	Agenda
First day: Forum of Soil and Groundwater	
09:40-10:00	Registration
10:00-10:15	Opening Remark
10:15-10:20	Group photo
10:20-11:00	Topic 1: Situation and foresight of Soil and Groundwater protection of Taiwan
11:00-11:20	Coffee Break
11:20-12:00	Topic 2: Sustainable Soil and Groundwater rectify under Net Zero Emission
12:00-13:00	Lunch
13:00-13:30	Call for seminar of 2024 Soil and Groundwater Investigation and Remediation Research Competition (Session 3 – Access to online meeting)
13:30-14:10	Topic 3: Current Developments and Future Challenges in the Soil and Groundwater Industry
14:10-15:40	Topic 4: Situation of Soil and Groundwater protection of ASEAN country (Group discussion)
15:40-16:00	Coffee Break
16:00-17:00	Comprehensive discussion Student learning and sharing
17:00-	Arrange accommodation at the conference
Second day: On-site visiting of Soil and Groundwater	
09:30-10:00	Set off
10:00-12:00	Environmental education Park of CPC Kaohsiung oil refinery (Room 202, Hongnan Training Classroom, CPC Corporation, Taiwan)
12:00-13:30	Lunch and Journey
13:30-15:30	Introduction to soil and groundwater sampling equipment (Room 202, Hongnan Training Classroom, CPC Corporation, Taiwan)
15:30-	Drop off to Xinzuoqing Train Station

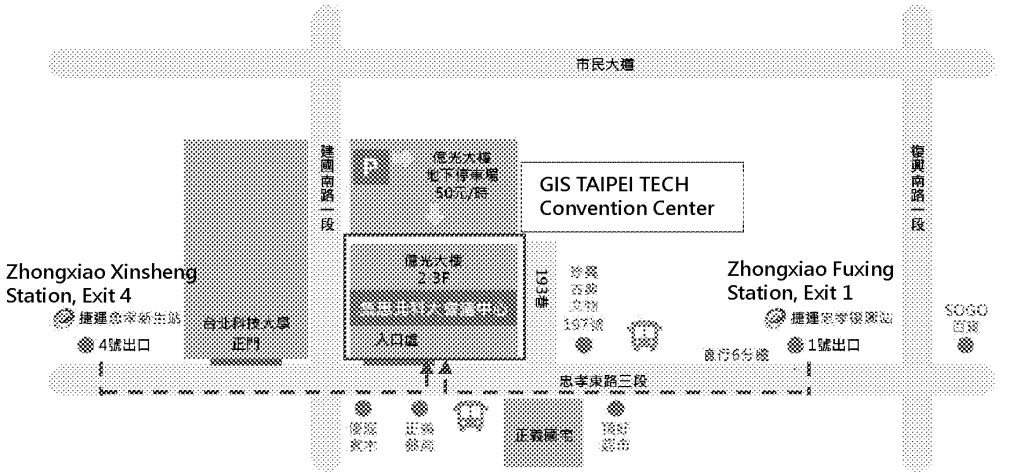
V. Registration and overall schedule

Matter	Date	Content
Registration Deadline for Online Seminar	Till 5:00 p.m., Friday, March 22, 2024	<ol style="list-style-type: none"> Registration guide for <u>the 2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visiting)</u>. Online seminar registration URL : https://forms.gle/EUiAQjpR3M9m7zox9  Qrcode
(1)Online Seminar (Session 1)	11:00 a.m., Friday, March 29, 2024	Session 1 URL https://meet.google.com/ahz-pywh-act
(2) Online Seminar (Session 2)	2:00 p.m., Friday, March 29, 2024	Session 2 URL https://meet.google.com/uik-vsyt-tjq
(3) Online Seminar (Session 3)	4:00 p.m., Friday, March 29, 2024	Session 3 URL https://meet.google.com/ojt-pard-tup
Registration Deadline for Exchange Event	Till 5:00 p.m. Monday, April 22, 2024	<ol style="list-style-type: none"> Exchange Event registration URL : https://forms.gle/GNU5Y3n16ZMNjEG69  Qrcode On-site registration will not be accepted in order to ensure the quality of the exchange event.
Session 1 - Northern area forum and site visits	May, 2024	<ol style="list-style-type: none"> Accommodation for the first day (May 13) will be arranged by the organizer. Participation certification will be send out 2 weeks after event.
Session 2 – Central area forum and site visits	July, 2024	<ol style="list-style-type: none"> Accommodation for the first day (July 15) will be arranged by the organizer. Participation certification will be send out 2 weeks after event.
Session 3 - Southern area forum and site visits	August, 2024	<ol style="list-style-type: none"> Accommodation for the first day (August 13) will be arranged by the organizer. Participation certification will be send out 2 weeks after event.

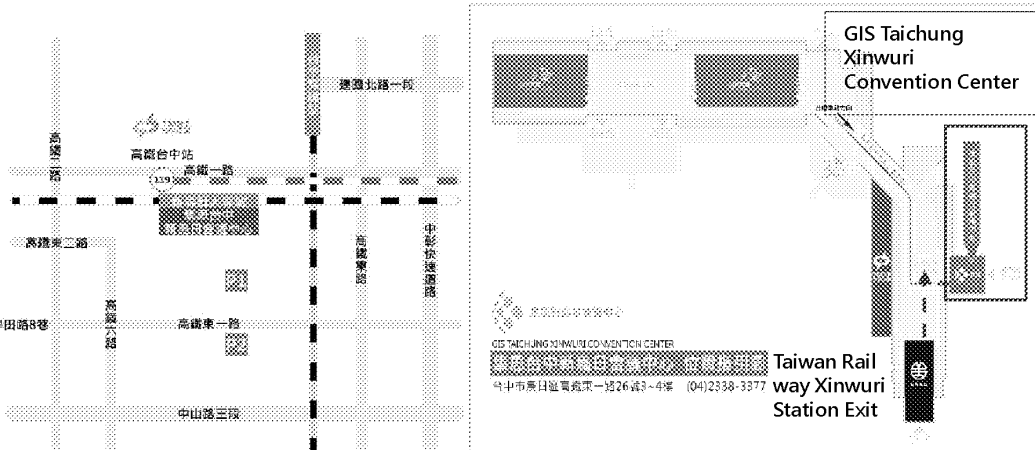
※The actual schedule will be announced by the organizer.

VI. Transportation information

A. Northern area

Manner	Instructions
Transfer Taiwan Railway to MRT	<div>1. Arrive at 【Taipei train station】 via Taiwan Railway, then transfer to Taipei MRT Blue line to 【Zhongxiao Fuxing, Exit 1】, walk approximately 500 meter, which should take about 8 minute to arrive.</div> <div>2. Arrive at 【Taipei train station】 via Taiwan Railway, then transfer to Taipei MRT Blue line to 【Zhongxiao Xinsheng, Exit 4】, walk approximately 500 meter, which should take about 8 minute to arrive.</div>
	

B. Central area

Manner	Instructions
Taiwan Railway	<div>1. Arrive 【Xinwuri Station】 by Taiwan Railway, proceed straight ahead from the exit for about 50 meters . The meeting center will be on the right hand side.</div>
	

C. Southern area

Manner	Instructions
Taiwan Railway	1. Arrive at 【Xin Zuoying Station】 via Taiwan Railway, exit the station and walk toward the right through the level crossing. Then, turn right onto Chongde Rd. The destination will be reached in approximately 8 minutes.
Transfer Taiwan Railway to Bus	2. Arrive at 【Xin Zuoying Station】 via Taiwan Railway, then transfer to the Red 35 Bus (heading towards Aozihdi MRT station), which will take you to the destination. .
Transfer Taiwan Railway to MRT	3. Arrive at 【Xin Zuoying Station】 via Taiwan Railway, then transfer to MRT red line from 【Zuoying Station (R16)】 to 【Ecological District Station (R15) Exit 1】 The destination can be reached within a 10 minutes walk from there.

VII. Others

- A. Participants of the “2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visits)” must attend the entire two-day schedule to qualify for the transportation subsidies and receive the certificate of participation. If the registrant chooses a hotel not appointed by the organizer, the accommodation fee will not be subsidized.
- B. The group discussion will be assigned by the organizer.
- C. Subsidy for transportation expenses: the transportation expenses for the long-distance bus or Taiwan Railways for each session of the “2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visiting)” will be subsidized, with the subsidy ceiling set at the cost of an Express train ticket of Tze-Chiang. Other modes of transportation will not be subsidized. 【 Please send three copies of your ticket stub, transportation fee receipt information, and personal account cover within two weeks after the event ends to Hsin-Tzu Tai(Department of Environment Engineering, Chung Yuan Christian University, Room 110 Bio-science and Technology Building, No. 200, Zhongbei Rd., Zhongli Dist., Taoyuan City 320314, Taiwan (R.O.C.)). The transportation fee will be subsidized upon receipt and confirmation of the correct information. 】
- D. The organizer reserves the right to modify and interpret the program content and event schedule. Matters not covered shall be explained in accordance with relevant laws and regulations.

VIII. Contact Information

- A. Contact person: Hsin-Tzu Tai, Assistant, The Taiwan Environmental Sustainable Development (TESD) Foundation
- B. TEL : 03-2654909
- C. Email : hsin-tzu-tai@cycu.org.tw



Receipt/收據

I hereby receive the transportation fee for “Developing Cooperation and Exchange Program on Soil and Groundwater Environment Protection in ASEAN Countries(II) - 2024 Soil and Groundwater Technology Exchange Event (including forum and on-site visiting) (☐ Session 1 - Northern area; ☐ Session 2 - Central area; ☐ Session 3 - Southern area) (Please check session)” amounting to NT\$_____.



茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水技術交流活動(含交流會議及現地參訪)(☐第一場次-北區；☐第二場次-中區；☐第三場次-南區)(請勾選場次)」交通費用計新台幣_____元整，確實無訛。

Sincerely,

此 致

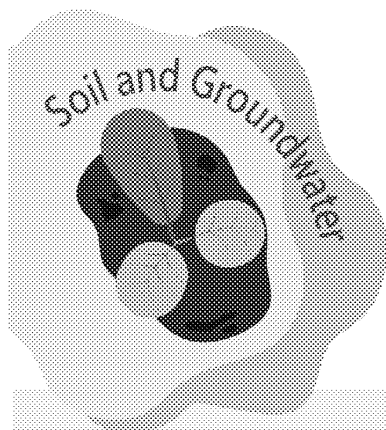
The Taiwan Environmental Sustainable Development (TESD) Foundation
財團法人環境永續發展基金會

Payee/領款人：_____ (Signature/簽章)

Identity card number (Alien Resident Certificate number or passport number)/身分證字號(居留證號碼或護照號碼)：_____

Address/住址：_____

Date: **(year)** **(month)** **(day)**



2024

土壤及地下水技術交流活動

含交流會議及現地參訪

線上說明會
報名期限

即日起至2024年3月22日止

線上說明會
報名連結



交流活動
報名期限

即日起 至 2024年4月22日止

參加資格

各大專校院環境、土木及地球科學領域相關科系之外籍研究生與本國籍研究生（包含碩士班及博士班）

- I. 留學臺灣外籍研究生（以東協國家學生為優先）
- II. 就讀東協國家外籍研究生（以具有東協國家國籍為優先）
- III. 本國籍研究生

活動資訊

北區 | 2024年5月13日(一)至5月14日(二)共計兩天一夜
| 集思北科大會議中心

中區 | 2024年7月15日(一)至7月16日(二)共計兩天一夜
| 集思新烏日會議中心

南區 | 2024年8月13日(二)至8月14日(三)共計兩天一夜
| 蓮潭會館



活動費用

免費（包含課程、住宿、餐食）

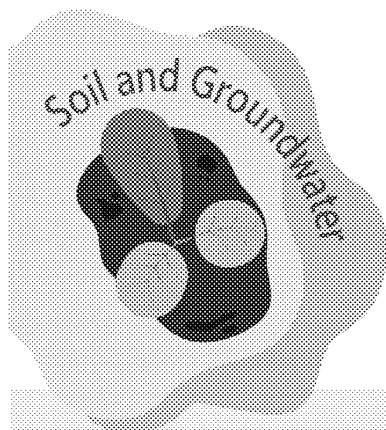
報名方式

一律採線上報名



簡章資訊





2024

Soil and Groundwater Technology Exchange Event

(Including forum and on-site visiting)



Online Seminar
Registration
Deadline

Till Friday,
March 22, 2024

Online seminar
registration URL



Exchange Event
Registration
Deadline

Till Monday, April 22, 2024

Participants

We welcome students (including Master's and Ph. D students) from environmental, civil engineering and geoscience-related departments.

- I. The International students (students from ASEAN countries have priority).
- II. The foreign graduate students studying in ASEAN countries (preference will be given to those with ASEAN nationality).
- III. The native Master and Ph. D students.



Information

Each session will span 2 days

Northern | May 13 - 14, 2024

| GIS Taipei Tech Convention Center

Central | July 15 - 16, 2024

| GIS Taichung Xinwuri Convention Center

Southern | August 13 - 14, 2024

| Gardenvilla

Registration fee

Free (includes courses, accommodation, meals)

Registration

online



Guideline
information



Organizer |

Soil and Groundwater Pollution Remediation Fund Management Board,
Environmental Management Administration, MOENV

Implementer |

The Taiwan Environmental Sustainable Development (TESD) Foundation

第27頁，共56頁

環境部環境管理署

「2024 年土壤及地下水調查整治研究競賽」簡章

一、活動目的

聯合國所提出永續發展目標(SDGs)已成為全球推動永續發展之行動方向及2050年淨零排放政策目標，透過「土壤及地下水調查整治研究競賽」，啟發外籍研究生（以東協國家學生為優先，但不限東協國家）與本國籍研究生（包含碩士班及博士班）對於環境保護之省思與概念，進而促使東協國家與我國學生對於土壤及地下水之環境保護行動，本次競賽依「土壤及地下水調查與整治之概念」為主軸，提出實際解決土壤及地下水污染問題之構想方案，期望透過競賽構想提出應用，讓參與者朝向永續發展目標前進，達到共同培育我國與東協國家土水人才之目標。

二、辦理單位

- （一）主辦單位：環境部環境管理署土污基管會
- （二）執行單位：財團法人環境永續發展基金會

三、競賽說明

「土壤及地下水調查整治研究競賽」之參賽團隊，以「土壤及地下水調查與整治思維」議題作為主軸，提出(1)研究面：創新技術方案或(2)管理面：環境保護政策策略作為成果作品，以實際成品展現或簡報方式提出策略作為評選委員會評分考量。

四、參與對象與資格

- （一）報名或參賽時須具有我國公私立大專校院外籍研究生或本國籍研究生（包含碩士班與博士班）資格。
- （二）參賽者須「共同組隊」報名，至多5名，參賽隊伍中須包含以下成員：至少半數以上成員須為外籍研究生，本國籍研究生至多2名，並可跨校或跨科系組隊，自行推舉隊長1人，並代表填寫報名資料，每人限參加乙隊。

五、參與研究競賽整體期程

事項	日期	內容
<u>研究競賽徵件</u> <u>線上說明會</u> <u>報名期限</u>	即日起至 2024 年 4 月 29 日（一） 下午 5 時止。	1. <u>2024 年土壤及地下水調查整治研究競賽</u> 報名簡章。 2. <u>研究競賽徵件</u> 線上說明會報名網址： https://forms.gle/2oMywgmZRaeZ19EUA  Qrcode
研究競賽徵件 線上說明會 （場次 1）	2024 年 5 月 13 日（一）下午 1 時。	說明會連結 https://meet.google.com/kkh-obwa-kvi
研究競賽徵件 線上說明會 （場次 2）	2024 年 7 月 15 日（一）下午 1 時。	說明會連結 https://meet.google.com/fzn-gzpy-ext
研究競賽徵件 線上說明會 （場次 3）	2024 年 8 月 13 日（二）下午 1 時。	說明會連結 https://meet.google.com/jzs-chft-vtd
<u>研究競賽徵件</u> <u>報名及收件期限</u>	2024 年 8 月 23 日（五）至 9 月 20 日（五）	1. 請自行推舉一人為隊長，至 https://forms.gle/js66DdRuMaoZBxby7 進 行線上報名，並代表填寫隊伍、隊員基本 資料、學生在學證明及上傳競賽繳交資料 （Word 檔及 PDF 檔）。  Qrcode 2. 為考量會議活動品質，概不接受現場報名。 3. 書面資料由評選委員選出前 10 組參與下 階段之複審。
<u>研究競賽</u> 複審通知	2024 年 11 月 29 日（五）	公布競賽初審結果，並通知競賽隊伍進入複審。
<u>研究競賽</u> 複審	2025 年 1 月	辦理土壤及地下水調查整治研究競賽複審，並 請於複審前 1 週繳交簡報資料。
<u>研究競賽</u> 頒獎典禮	2025 年 3 月中旬	將另行通知進入複審之參賽隊伍進行競賽頒 獎。

※實際期程以主辦單位公告為主。

六、評選作業

(一) 評選委員會：由本計畫組成之東協夥伴策略小組(產、官、學專家代表)共同組成評選委員會，共計3名，並可依徵件數量調整評審委員數(至多增加至5位)，進行初審與複審共兩階段評審。

(二) 評選標準：

1. 初審：參賽隊伍於規定時間內上傳初審資料，以參賽團隊繳交競賽資料為主，書面審查項目以(1)主題切合性、(2)提案創新表現與(3)團隊執行力與可行性，由評審審查書面內容，選出至多 10 個隊伍進入複審階段。
2. 複審：參賽團隊以(1)研究面提出實際成品與簡報資料或是以(2)管理面提出簡報資料作為競賽當日審查內容為主，評審針對(1)主題切合性、(2)提案之創新、(3)具體作法、(4)可行性與(5)現場發表(發表時間 12 分鐘為限，評審提問與回覆 6 分鐘)，進行複審評比。主辦單位將另案通知得獎名單。



七、參賽報名與作品繳交

(一) 參賽報名與初審資料：請於收件指定期間至線上系統 <https://forms.gle/js66DdRuMaoZBxby7> 填寫報名資料及繳交競賽資料，以不超過5頁為限，請同時繳交Word檔及PDF檔，檔名皆請協助以「主題_單位_隊伍名稱」表示。初審繳交資料如下說明：

1. 緣起
2. 土壤及地下水調查與整治思維內容提案
3. 具體作法(1)研究面：創新技術實際方案或(2)管理面：環境保護政策策略
4. 預期目標與效益

(二) 複審資料：

1. 參賽隊伍若以(1)研究面，請於複審前 1 週繳交簡報資料，並於競賽當日準備實際成品與簡報資料作為審查內容。
2. 參賽隊伍若以(2)管理面提出簡報資料，請於複審前 1 週繳交簡報資料，

並於競賽當日準備簡報資料作為審查內容。

八、 評分標準

- (一) 評選採序位法，評審應就各評分項目分別評分後予以加總，並依加總分數高低轉換為序位，合計值最低者為序位第一。
- (二) 倘有序位相同情形，以評分項目「主題相關」之分數高低轉換為序位，序位最低者為優勝；若序位再次相同，則以評分項目「創意相關」之分數高低轉換為序位，序位最低者為優勝。



初選評分標準			
項次	評分項目	占比	內容
1	主題切合性*	30%	符合內涵（土壤及地下水）、調查／整治目的。
2	提案創新表現**	40%	內容創新程度與創意表現。（例如：結合碳匯、淨零排放、綠色調查整治技術等）
3	團隊執行力與可行性	30%	效益評估之合理性、實際可行性

註 1：*為第一次序位相同時之評比項目。
註 2：**為第二次序位相同時之評比項目。

複選評分標準			
項次	評分項目	占比	內容
1	主題切合性*	20%	符合內涵（土壤及地下水）、調查／整治目的。
2	提案之創新**	20%	內容創新程度與創意表現。（例如：結合碳匯、淨零排放、綠色調查整治技術等）
3	具體作法	20%	(1) 研究面：創新技術實際方案。 (2) 管理面：環境保護政策策略。
4	可行性	20%	效益評估之合理性、實際可行性
5	現場發表	20%	簡報呈現、口語表達、臨場反應

註 1：*為第一次序位相同時之評比項目。
註 2：**為第二次序位相同時之評比項目。



九、競賽補助與獎勵

(一) 補助項目：憑車票票根補助「2024年土壤及地下水調查整治研究競賽」複審與頒獎典禮來回搭乘客運或臺鐵之交通費用（以自強號為補助上限），其他交通工具不予以補助。（請於活動結束後2週內將(a)車票票根、(b)交通費收據資料(如附件4)及(c)個人帳戶封面影本共三份資料寄至32023桃園市中壢區中北路200號生物科技館110室戴欣姿小姐收，待收到資料確認無誤後進行交通費補助。）

(二) 獎勵項目：

土壤及地下水調查整治研究競賽之獎勵如下，並將安排於「土壤及地下水調查整治研究競賽頒獎典禮」上頒發。

1. 第一名（1隊）：等值商品禮券（新臺幣 50,000 元整）及獲獎證明乙份。
2. 第二名（1隊）：等值商品禮券（新臺幣 30,000 元整）及獲獎證明乙份。
3. 第三名（1隊）：等值商品禮券（新臺幣 20,000 元整）及獲獎證明乙份。
4. 人氣獎（2隊）：等值商品禮券（新臺幣 10,000 元整）及獲獎證明乙份。

十、參賽注意事項

- (一) 參賽隊名、隊員於報名截止後不得修改或更換；入圍複選或得獎名單公布後，欲增加隊伍成員名單，主辦單位有權不予受理。
- (二) 報名時請填寫經常使用之電子郵件信箱及聯絡電話（如手機號碼），後續將以此信箱傳送競賽重要訊息，包含入圍複選與頒獎典禮通知。
- (三) 為保障所有參賽隊伍的權利與義務以及智慧財產權，請務必妥善填寫「著作利用授權同意書、智慧財產權切結書(如附件1和附件2)」，提供主辦單位及執行單位作為推動土壤及地下水保護與永久非營利之利用。
- (四) 參賽作品應符合徵件主題及收件規格，且不違反法令、侵權或妨礙公序良俗，並限於未曾公開發表之作品（「公開發表」之定義：參賽作品限未曾以任何形式公開、發表於各類媒體之作品，包括其著作內容之全部或部分，均不得於平面、網路、社群媒體或以其他方式向公眾公開提示，

亦不得於上開各類媒體重複投稿、參賽)。

- (五) 如有抄襲或臨摹他人者、侵害他人著作權或著作權不明者、同時參與其他競賽、不符本次徵選相關規定，經檢舉查證屬實者，主辦單位有權撤銷終止資格，對已領取之獎勵，則予以追回，如有違法，一切法律責任由參賽隊伍自行負責。
- (六) 參賽作品中有引用他人之著作或資料，請詳細說明或註明來源。
- (七) 參賽過程中繳交之所有資料或作品概不退回，如有需求請參賽隊伍自行備份。
- (八) 領獎人為中華民國境內居住之個人，得獎獎金應依所得稅法各類所得扣繳率標準規定扣繳所得稅10%，稅額未達新臺幣2,000元者得免扣繳；領獎人為外國籍並於中華民國境內居留超過183天，得獎獎金應依所得稅法各類所得扣繳率標準規定扣繳所得稅10%，不論得獎獎項價值，均須就得獎所得扣繳10%之稅金；領獎人為非中華民國境內居住之個人（即在中華民國居留未滿183天之本國人及外國人），不論得獎獎項價值，均須就得獎所得扣繳20%之稅金。
- (九) 獲獎隊伍將由各隊推派一位代表填寫獲獎領據，於頒獎典禮當日以紙本方式提供隊伍以下兩份資料(1)領獎代表同意書(如附件3)及(2)獲獎收據(如附件5)親筆簽名交回主辦單位。



十一、其他事項

- (一) 若入選之參賽隊伍因故無法參加競賽複審，將由主辦單位通知備選隊伍遞補參加複審。
- (二) 未入選之參賽隊伍，主辦單位將提供參賽證明，以茲鼓勵。
- (三) 主辦單位保有計畫內容與活動時程變更及解釋之權利。未盡事宜，依相關法令規定辦理；參與本次競賽者即同意接受各項規範。

十二、競賽聯絡資訊

- (一) 聯絡窗口：財團法人環境永續發展基金會 戴欣姿 助理
- (二) 聯絡電話：03-2654909
- (三) Email：hsin-tzu-tai@cycu.org.tw

附件 1：著作授權同意書

「2024 年土壤及地下水調查整治研究競賽」

著作授權同意書

作品名稱：_____



- 一、參與競賽之作者，須同意將其作品永久無償授權、非專屬性授權環境部環境管理署（下稱環管署）及其委託之財團法人環境永續發展基金會（下稱本會）做下述利用：
- （一）以紙本或數位方式出版。
 - （二）進行數位化典藏、重製、透過網路公開傳輸、列印、瀏覽等用。
 - （三）配合行銷宣傳將本文納入資料庫或其它通路提供服務。
 - （四）為符合環管署委託之業務需求，本會得進行格式之變更。
 - （五）將作品以多種形式出版，提供教學、研究與公共服務用途之公開上映、公開播送與網路線上閱覽，以廣為宣傳。
 - （六）若因教學研究之需求，環管署得重製該作品。
 - （七）本人保證該作品為自行創作，同一作品已發表、曾在其他比賽獲獎或正在評審中，將主動告知環管署（主辦單位），作為評審之重要參考依據。
- 二、作者保證設計作品為其自行創作，有權為本同意書之各項授權。另應保證授權著作未侵害任何第三人之智慧財產權，若有作品不實、侵害他人著作權及其他法令之行為，相關法律責任及損失，由本人自行負責及賠償。本同意書為非專屬授權，作者有權再行將設計作品授權他人利用。
- 三、本著作應由全體作者簽署，若由單一作者代表簽署時，該簽署之作者保證已通知其他共同著作人本同意書之條款，並經各共同著作人全體同意授權代為簽署本同意書。

此致

環境部環境管理署

財團法人環境永續發展基金會

立同意書人（隊長）：

（簽章）

身分證字號（居留證號碼或護照號碼）：

電話號碼：

電子郵件信箱：

通訊地址：

中華民國 年 月 日

附件 2：智慧財產權切結書

「2024 年土壤及地下水調查整治研究競賽」

智慧財產權切結書



本作品_____確係本人/所屬隊伍所創作，絕無違反專利法、著作權法或其他智慧財產權法令相關規定；若有涉及侵害他人專利權、著作權或其他智慧財產權之情事，本人/所屬隊伍願負一切法律責任，並同意主辦單位得取消獲獎資格，並承諾主動繳回所得之獎狀及獎金，特此切結為憑。

此致

主辦單位：環境部環境管理署

執行單位：財團法人環境永續發展基金會



立切結書人（隊長）	代表隊伍（簽名/蓋章）
身份證字號 （居留證號碼或護照號碼）	

中華民國 年 月 日

附件 3：領獎代表同意書

「2024 年土壤及地下水調查整治研究競賽」

領獎代表同意書

本團隊_____（隊伍名稱）各成員同意由_____（領獎代表人姓名）作為領獎代表人，隊伍各成員簽名如下，發生任何爭議由參賽隊伍隊員自行負責。

領獎代表人	（簽名/蓋章）
參賽隊伍成員	（簽名/蓋章）



此致

主辦單位：環境部環境管理署

執行單位：財團法人環境永續發展基金會

中華民國 年 月 日



附件 4：交通費補助收據

收 據

茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水調查整治研究競賽」交通費用計新台幣_____元整，確實無訛。

此 致

財團法人環境永續發展基金會

領款人：_____（簽章）

身分證字號（居留證號碼或護照號碼）：_____

住址：_____



中華民國 年 月 日

附件 5：獎金禮券收據

收 據

茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水調查整治研究競賽」獎金禮券計新台幣_____元整，確實無訛。

此 致

財團法人環境永續發展基金會



領款人：_____（簽章）

身分證字號（居留證號碼或護照號碼）：_____

住址：_____



中華民國 年 月 日



Environmental Management Administration, MOENV

Guideline for “2024 Soil and Groundwater Investigation and Remediation Research Competition”

I. Purpose

The Sustainable Development Goals (SDGs) proposed by United Nations has become guideline of sustainable development of worldwide and the strategy of reaching the goal of Net Zero emission at 2050. Through “Soil and Groundwater Investigation and Remediation Research Competition”, we hope that we can enlighten international students (primarily from ASEAN countries, but not limited to them) and the native students on concepts of environmental protection. The purpose is to encourage actions for soil and groundwater protection. This competition follows **“concepts of soil and groundwater investigation and remediation”** as guidelines. We expect that through this competition, participants will contribute to the goal of sustainable development and the cultivation of talent for native and ASEAN countries.

II. Handling Unit

- A. Organizer: Soil and Groundwater Pollution Remediation Fund Management Board, Environmental Management Administration, MOENV
- B. Implementer: The Taiwan Environmental Sustainable Development (TESD) Foundation

III.Competition description

Group participating in the “Soil and Groundwater Investigation and Remediation Research Competition” should use **“concepts of soil and groundwater investigation and remediation”** as structure. They are encouraged to focus on either (1) Research aspects, such as innovate technologies or (2) Management aspects, such as Strategy for environmental protection policies. Results must be presented in the form of actual finished product presentations or briefings to be considered for scoring by the competition committee.

IV.Participants



- A. When registering for or participating in the competition, you must hold the

qualifications of international graduate students or native graduate students (including master and doctoral students) from public and private colleges and universities in Taiwan.

- B. Participants must form a “joint team” to register, with a maximum of 5 people. Each team must include the following members: At least half of the members must be international graduate students, with a maximum of two native graduate students. Teams can be formed across schools or departments and they must elect one leader to sign up. Each individual is limited to participating in only one team.



V. Registration and overall schedule

Matter	Date	Content
<u>Registration</u> <u>Deadline for Online</u> <u>Seminar on</u> <u>research</u> <u>competition</u>	Till 5:00 p.m., Monday, April 29, 2024	1. Registration guide for <u>the 2024 Soil and Groundwater Investigation and Remediation Research Competition.</u> 2. Online seminar registration URL: https://forms.gle/2oMywgmZRaeZ19EUA  Qrcode
Online Seminar on Research Competition (Session 1)	1:00 p.m., Monday, May 13, 2024	Seminar URL https://meet.google.com/kkh-obwa-kvi
Online Seminar on Research Competition (Session 2)	1:00 p.m., Monday, July 15, 2024	Seminar URL https://meet.google.com/fzn-gzpy-ext
Online Seminar on Research Competition (Session 3)	1:00 p.m., Tuesday, August 13, 2024	Seminar URL https://meet.google.com/jzs-chft-vtd
<u>Research</u> <u>Competition</u> <u>Registration and</u> <u>Reception deadline</u>	From August 23 (Friday), 2024 to September 20 (Friday), 2024	1. Please assign one of your group members as the team leader, who will be responsible for registering at https://forms.gle/js66DdRuMaoZBxby7 . The team representative should fill out basic information about the team members, provide proof of student enrollment, and upload the Competition submission documents (in Word file and PDF formats).  Qrcode 2. On-site registration will not be accepted in order to ensure the quality of the research competition.

		3. The top 10 groups will be selected by the competition committee to participate in the finals.
<u>Research Competition</u> - Notice of Finals	Friday, November 29, 2024	Announce the preliminary competition results and notify the teams to proceed to the finals.
<u>Research Competition</u> - Finals (Competition day)	January, 2025	Conduct the finals for the Soil and Groundwater Investigation and Remediation Research Competition, and please submit the presentation materials one week before the finals.
<u>Research Competition</u> - Awards Ceremony	Mid-March, 2025	Teams advancing to the secondary review will be separately notified to participate in the award ceremony of the competition.

※The actual schedule will be announced by the organizer.



VI. Competition rules

- A. Competition Committee: The ASEAN Partnership Strategy Group, comprising representatives from industry, government, and academia, will establish a committee of three members initially. Depending on the number of submissions received, the committee may be expanded to include up to a maximum of five members. This committee will oversee a two-stage scoring process for both the preliminary round and the final round of the competition.
- B. Scoring criteria :
1. Preliminary round: The participating teams are required to upload their documents for the Preliminary round within the regulated time. The materials will be reviewed by (1) theme suitability, (2) Innovation in Proposal, and (3) Team execution and feasibility. The committee will then select the top 10 teams to proceed to the finals.
 2. Final Round: The **briefing presentation** or **actual products** provided by the teams as the main final content. The final review will focus on (1) theme suitability, (2) Innovation in Proposal, (3) methodology, (4) feasibility, and (5) Presentation . Teams will have a limited presentation time of 12 minutes, followed by a 6-minutes session for committee question and responses. The winners of the finals will be notified by the organizer.



VII. Submission of documents

- A. **Preliminary round documents** : Please submit the documents to the URL: <https://forms.gle/js66DdRuMaoZBxby7> within the submission period. The document length should not exceed 5 pages. Please submit both a Word file and a PDF file named by Subject, Institution and Team Name (e.g. Soil and groundwater_CYCUEE_BEE Team). **The required documents for the preliminary round submission are as follows:**
1. Background/Reason
 2. Content proposal for sustainable innovation in soil and groundwater remediation
 3. Specific methods (1) Research aspect: practical solutions for innovative

technologies or (2) Management aspect: environmental protection policy strategies.

4. Expected goals and benefits

B. Final Round :

- 1. If participants choose research aspect as specific method, please hand in the PowerPoint file one week before the final competition and prepare the actual finished products along with the PowerPoint file for final round.
- 2. If participants choose management aspect as specific method, please hand in the PowerPoint file one week before the final competition and also prepare a PowerPoint file for final round.

VIII. Scoring criteria

- A. The ranking method is utilized for the selection. The committee will assign score to each item separately, and calculate the total score. The total score will then be converted into rank.
- B. If two teams have the same rank, the score item of “theme suitability” ranking will be the basis to judge the winner; if teams still have the same rank, the score item of “innovation-related” will be the basis to judge.



The scoring criteria for the preliminary round			
No.	Scoring	Proportion	Content
1	Theme suitability*	30%	Consistent with soil and groundwater content and the purpose of remediation.
2	Innovation in Proposal**	40%	Innovation and creative performance.
3	Team execution and feasibility	30%	The rationality and practical feasibility of benefit assessment.

Note 1: * It is the first scoring item when the ranking is the same.

Note 2: ** It is the second scoring item when ranking is the same.

The scoring criteria for the finals			
No.	Scoring items	Proportion	Content
1	Theme suitability *	20%	Consistent with soil and groundwater content and the purpose of remediation.

2	Innovation in Proposal **	20%	Innovation and creative performance.
3	Method	20%	(1) Research aspect: practical solutions for innovative technologies (2) Management aspect: environmental protection policies and strategies.
4	Feasibility	20%	The rationality and practical feasibility of benefit assessment
5	Presentation	20%	Briefing presentation, oral presentation, spontaneous response

Note 1: * It is the first scoring item when the ranking is the same.

Note 2: ** It is the second scoring item when ranking is the same.



IX.Subsidy and Awards

- A. Subsidy items: the transportation expenses for the long-distance bus or Taiwan Railways for each session of the “2024 Soil and Groundwater Investigation and Remediation Research Competition” will be subsidized, with the subsidy ceiling set at the cost of an Express train ticket of Tze-Chiang. Other modes of transportation will not be subsidized. 【Please send three copies of your the ticket stub, transportation fee receipt information (such as Annex IV) and personal account cover within two weeks after the event ends to Hsin-Tzu Tai, Department of Environment Engineering, Chung Yuan Christian University, Room110 Bio-science and Technology Building, No. 200, Zhongbei Rd., Zhongli Dist., Taoyuan City 320314, Taiwan (R.O.C.) The transportation fee will be subsidized upon receipt and confirmation of the correct information】



B. Awards :

The awards for the “Soil and Groundwater Investigation and Remediation Research Competition” will be announced on Awards Ceremony.

1. Outstanding Prize (1 team): a gift certificate or equivalent prize (NTD 50,000) and a certificate of award.
2. Wonderful Prize (1 team): a gift certificate or equivalent prize (NTD 30,000) and a certificate of award.
3. Excellent Prize (1 team): a gift certificate or equivalent prize (NTD 20,000) and a certificate of award.
4. Superior Prize (2 teams): a gift certificate or equivalent prize (NTD 10,000) and a certificate of award.



X. Precautions for participation

- A. Team names and members cannot be modified or replaced after the registration deadline; the organizer reserves the right to reject any additions to the list of team members after the finalists are selected or the winners’ list is announced.
- B. When registering, please provide your frequently used email address and contact number (such as mobile phone number). Important information about the competition, including the finalist selection and the notification of the award ceremony, will be send to this email address.

- C. To protect the rights, obligations and intellectual property rights of all participating teams, please complete the “Authorization Consent Form and Intellectual Property Rights”. (such as Annex I and Annex II). This provides organizers and executive units with permission to promote soil and groundwater protection and permanent, non-profit use.
- D. Entries should conform to the subject of the call for submissions and the acceptance specifications, should not violate laws, infringe or impede public order and good morals, and should be limited to works that have not been published publicly (the definition of "publicly published": the entries must not have been published in any form, published in various The works of the media, including all or part of the content of the works, shall not be disclosed to the public in print, online, social media or in other ways, nor shall they be repeatedly submitted or contested on various media.
- E. Those who plagiarize or copy others, infringe others' copyrights or whose copyrights are unknown, participate in other competitions at the same time, and do not meet the relevant regulations of this selection, if they are reported and verified to be true, the organizer has the right to revoke the termination qualification. It will be recovered. If there is any violation of the law, all legal responsibilities shall be borne by the participating teams themselves.
- F. Entries include references to other people's works or materials. Please explain in detail or indicate the source.
- G. All materials or works submitted during the competition will not be returned. Teams are advised to retain backup if necessary.
- H. The recipient of the prize is an individual residing in the Republic of China, and the prize money shall be withheld 10% of the income tax in accordance with the provisions of the Income Tax Law for various types of income withholding rates. Those whose tax amount to less than NT\$2,000 will be exempted from withholding; the recipient of the prize is a foreign national and if they stay in the territory of the Republic of China for more than 183 days, 10% of the income tax shall be withheld from the winnings and prizes according to the income tax withholding rate standard stipulated in the Income Tax Law. Regardless of the value of the prizes, 10% of the tax shall be withheld from the winnings; Prize recipients are individuals who are not residing in the Republic of China (i.e., nationals and foreigners who have resided in the Republic of China for less than 183 days). Regardless of the value of the prize, a 20% tax will be withheld on the



winnings.

- I. The winning team will assign a representative from each team to fill in the winning receipt (1) The consent form of the award representative (such as Annex III) and (2) Receipt of the award (such as Annex V), please sign the award receipt and submit to the organizer.

XI. Others

- A. If the selected team is unable to participate in the competition review for some reason, the organizer will notify the alternative team to participate in the review.
- B. The finals for the teams that were not selected, the organizer will provide a **certificate of participation** for encouragement.
- C. The organizer reserves the right to change and explain the program content and event schedule. Matters not covered shall be handled according to relevant laws and regulations; those participating in this competition agree to accept all specifications.

XII. Competition Contact Information

- A. Contact person: Hsin-Tzu Tai, Assistant, The Taiwan Environmental Sustainable Development (TESD) Foundation
- B. TEL : 03-2654909
- C. Email : hsin-tzu-tai@cycu.org.tw

Annex I : Authorization Consent Form

“2024 Soil and Groundwater Investigation and Remediation Research Competition” Authorization Consent Form

Title : _____



- A. Authors participating in the competition must agree to authorize their works for free, permanently and non-exclusively to the Environmental Management Administration, MOENV (from now on referred to as the Environmental Management Administration) and its entrusted consortium legal person, Environmental Sustainability Development Foundation (from now on referred to as the Association) to do the following use :
- 1 、 Published in paper or digital form.
 - 2 、 It can be used for the digital collection, reproduction, public transmission through the network, printing, browsing, etc.
 - 3 、 Cooperate with marketing promotion to include this article in the database or other channels to provide services.
 - 4 、 To meet the business needs entrusted to the Association by the Environmental Protection Administration, the Association may change the format.
 - 5 、 Publish works in various forms, provide public screening, public broadcasting, and online reading for teaching, research, and public service purposes for wide publicity.
 - 6 、 For teaching and research needs, the EPD may reproduce the work.
 - 7 、 I guarantee that the work is my own creation, the same work has been published, won awards in other competitions or is under review, and I will take the initiative to inform the Environmental Management Administration (organizer) as an important reference for the review.
- B. The author guarantees that the design work is created by himself and has the right to obtain the authorization of this agreement. In addition, you should ensure that the authorized works do not infringe on the intellectual property rights of any third party. If the works are untrue and infringe on the copyrights of others and other laws and regulations. In that case, the relevant legal liabilities and losses shall be borne by me and compensated by myself. This consent form is a non-exclusive license, and the author has the right to authorize others to use the design work.
- C. If this work should be signed by all authors. If signed by a single author representative, the signed author warrants that the other co-authors have been notified of the terms of this agreement and that all co-authors are authorized to sign this agreement on their behalf.



Sincerely,

Environmental Management Administration

The Taiwan Environmental Sustainable Development (TESD) Foundation

The person who signed the consent (leader) : _____ (Signature)

Identity card number (residence card number or passport number) :

Phone number:

E-mail :

Contact address :

Date: (year) (month) (day)

Annex II : Intellectual Property Rights

**“2024 Soil and Groundwater Investigation and Remediation
Research Competition”
Intellectual property rights**

This work _____ is indeed created by me/the team I belong to, and it does not violate the relevant provisions of the patent law, copyright law or other intellectual property rights laws; I am willing to take all legal responsibilities and agree that the organizer may disqualify the award winners, and promise to take the initiative to return the certificates and bonuses obtained, which is hereby concluded.

Sincerely,
Organizer: Environmental Management Administration
Implementer: The Taiwan Environmental Sustainable Development (TESD) Foundation



The person who signed the consent (leader) :	Representative Team (Signature/Seal)
ID number (Residence card number or passport number)	



Date: **(year)** **(month)** **(day)**

Annex III : The consent form of the award representative
**“2024 Soil and Groundwater Investigation and Remediation
Research Competition”**
Consent of the award recipient

The members of the team _____ (name of the team) agree
that _____ (name of the representative of the award recipient) will
be the representative of the award.

Award recipient	Signature/Seal
Team members	Signature/Seal

Sincerely,
Organizer: Environmental Management Administration
Implementer: The Taiwan Environmental Sustainable Development (TESD) Foundation

Date: **(year)** **(month)** **(day)**

Annex IV : Transportation fee receipt

Receipt/收據



I hereby receive the transportation fee for “Developing Cooperation and Exchange Program on Soil and Groundwater Environment Protection in ASEAN Countries(II) - **2024 Soil and Groundwater Investigation and Remediation Research Competition**” amounting to NT\$_____.

茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水調查整治研究競賽」交通費用計新台幣_____元整，確實無訛。

Sincerely,

此 致

The Taiwan Environmental Sustainable Development (TESD) Foundation
財團法人環境永續發展基金會

Payee/領款人：_____（Signature/簽章）

Identity card number (Alien Resident Certificate number or passport number)/身

分證字號（居留證號碼或護照號碼）：_____

Address/住址：_____



Date: (year) (month) (day)

Annex V : Receipt of the award

Receipt/收據

I hereby receive the Developing Cooperation and Exchange Program on Soil and Groundwater Environment Protection in ASEAN Countries(II) - **2024 Soil and Groundwater Investigation and Remediation Research Competition**” The gift certificate is NT\$_____.

茲領到「發展東協國家土壤及地下水環境保護合作交流計畫(二)－2024 年土壤及地下水調查整治研究競賽」獎金禮券計新台幣_____元整，確實無訛。

Sincerely,

此 致

The Taiwan Environmental Sustainable Development (TESD) Foundation

財團法人環境永續發展基金會

Payee/領款人：_____（Signature/簽章）

Identity card number (Alien Resident Certificate number or passport number)/身

分證字號（居留證號碼或護照號碼）：_____

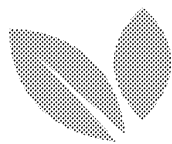
Address/住址：_____

Date:

(year)

(month)

(day)



2024年 土壤及地下水調查整治研究競賽

線上說明會
報名期限

即日起至2024年4月29日止

線上說明會
報名連結



競賽說明

聯合國所提出永續發展目標(SDGs)已成為全球推動永續發展之行動方向及2050年淨零排放政策目標，以「土壤及地下水調查與整治之概念」為主軸，啟發參與者對於環境保護之省思與概念。

研究競賽
報名期限

2024年8月23日至9月20日止

參與資格

- I. 報名或參賽時須具有我國公私立大專校院外籍研究生或本國籍研究生（包含碩士班與博士班）資格。
- II. 參賽者須「共同組隊」報名，至多5名。

※參賽隊伍中須包含以下成員：至少半數以上成員須為外籍研究生，本國籍研究生至多2名，並可跨校或跨科系組隊，自行推舉隊長1人，並代表填寫報名資料，每人限參加乙隊。

報名方式

一律採線上報名



簡章資訊



競賽獎勵

第一名(1隊)

| 等值商品禮券 (NT\$50,000)
| 獲獎證明乙份

第二名(1隊)

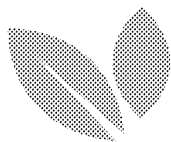
| 等值商品禮券 (NT\$30,000)
| 獲獎證明乙份

第三名(1隊)

| 等值商品禮券 (NT\$20,000)
| 獲獎證明乙份

人氣獎(2隊)

| 等值商品禮券 (NT\$10,000)
| 獲獎證明乙份



2024 Soil and Groundwater Investigation and Remediation Research Competition

**Online Seminar
Registration
Deadline**

**Till Monday,
April 29, 2024**

**Online seminar
registration URL**



**Competition
description**

The Sustainable Development Goals (SDGs) proposed by United Nations has become guideline of sustainable development of worldwide and the strategy of reaching the goal of Net Zero emission at 2050. This competition follows "concepts of soil and groundwater investigation and remediation" as guidelines.

**Registration and
Reception
Deadline**

From August 23 to September 20, 2024

Participants

At least half of the members must be international graduate students, with a maximum of two native graduate students. Teams can be formed across schools or departments and they must elect one leader to sign up. Each individual is limited to participating in only one team.

- I. When registering for or participating in the competition, you must hold the qualifications of international graduate students or native graduate students (including master and doctoral students) from public and private colleges and universities in Taiwan.
- II. Participants must form a "joint team" to register, with a maximum of 5 people.

Registration

online



**Guideline
information**



Awards

Outstanding Prize (1 team)

- | A gift certificate or equivalent prize NTD 50,000
- | A certificate of award

Wonderful Prize (1 team)

- | A gift certificate or equivalent prize NTD 30,000
- | A certificate of award

Excellent Prize (1 team)

- | A gift certificate or equivalent prize NTD 20,000
- | A certificate of award

Superior Prize(2 teams)

- | A gift certificate or equivalent prize NTD 10,000
- | A certificate of award

Organizer

Soil and Groundwater Pollution Remediation Fund Management Board,
Environmental Management Administration, MOENV

Implementer

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The Taiwan Environmental Sustainable Development (TESD) Foundation