

教育部 函

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受文者：國立聯合大學

發文日期：中華民國114年6月5日

發文字號：臺教資(六)字第1140059691號

速別：普通件

密等及解密條件或保密期限：

附件：環境部函、中文簡章、英文簡章、宣傳海報 (附件一

f5dbdb2ee67db6e771d2f10ecfdabccb_A09000000E_1140059691_senddoc1_Attach1.PDF、附件二 f5dbdb2ee67db6e771d2f10ecfdabccb_A09000000E_1140059691_senddoc1_Attach2.pdf、附件三 f5dbdb2ee67db6e771d2f10ecfdabccb_A09000000E_1140059691_senddoc1_Attach3.pdf、附件四 f5dbdb2ee67db6e771d2f10ecfdabccb_A09000000E_1140059691_senddoc1_Attach4.pdf)

主旨：函轉環境部檢送「西元2025年亞太國家青年環境教育活動」中、英文簡章及宣傳海報各1份，請協助宣傳並鼓勵大專校院外國學生踴躍參加，請查照。

說明：

- 一、依據環境部114年6月4日環部保字第1141035030號函辦理。
- 二、環境部為呼應聯合國永續發展目標(SDGs)並深化我國在亞太地區環境教育推動之領導角色。以臺灣為出發點，瞭解在地環境議題與全球所面臨的各項環境威脅，進而啟發解決環境問題的能力與行動，特辦理旨揭培訓課程。
- 三、本培訓課程為連結我國的環境教育夥伴與在臺就學之國際青年人才，並讓外國學生瞭解我國在地環境議題與解決模式及可行方案，以做為其他國家因應環境議題時參考，擴大我國的影響力，促進國際合作。
- 四、活動對象係以在我國求學之外國學生為主，本國對環境教育有興趣之大專院校學生及環境教育領域從業人員為輔。

五、活動詳情請至全球環境教育夥伴亞太中心(GEEP APRC)網站(<https://geepaprc.org/en>)查詢。

六、報名方式

(一)報名日期：即日起開始報名至114年7月4日（星期五）止。

(二)報名網址：<https://reurl.cc/W0ZE6e>。

七、檢附西元2025年亞太國家青年環境教育活動中、英文簡章及宣傳海報各1份。

八、如對旨揭活動有相關問題，請逕洽以下聯絡人：

(一)環境部林怡菁小姐，電話：02-2311-7722，分機2725；
電子郵件：yiching.lin@moenv.gov.tw。

(二)全球環境教育夥伴亞太中心（GEEPAPRC）寇惠惠小姐，電話：02-2388-0028；電子郵件：yixue8913@gmail.com。

正本：各公私立大專校院

副本：

裝

訂



環境部 函

地址：100006 臺北市中正區中華路1段83號

聯絡人：林怡菁

電話：02-2311-7722#2725

電子信箱：yiching.lin@moenv.gov.tw

受文者：教育部

發文日期：中華民國114年6月4日

發文字號：環部保字第1141035030號

速別：普通件

密等及解密條件或保密期限：

附件：西元2025年亞太國家青年環境教育活動中、英文簡章（1141035030-0-0.pdf、1141035030-0-1.pdf、1141035030-0-2.pdf）

主旨：檢送「西元2025年亞太國家青年環境教育活動」中、英文簡章各1份，請惠予協助宣傳、轉知所屬並鼓勵大專校院外國學生踴躍參加，請查照。

說明：

- 一、本部為呼應聯合國永續發展目標(SDGs)並深化我國在亞太地區環境教育推動之領導角色。以臺灣為出發點，瞭解在地環境議題與全球所面臨的各項環境威脅，進而啟發解決環境問題的能力與行動，特辦理旨揭培訓課程。
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五、報名方式

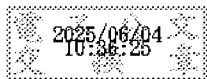
(一)報名日期：即日起開始報名至7月4日（星期五）止。

(二)報名網址：<https://reurl.cc/W0ZE6e>。

六、檢附西元2025年亞太國家青年環境教育活動中、英文簡章各1份。

正本：教育部

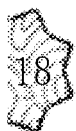
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西元 2025 年亞太國家青年環境教育活動

【永續理念・臺灣經驗・世界實踐】

Empowering Youth for Sustainable Development

一、活動目的

為秉持全球視野、在地行動之精神，並深化我國在亞太地區環境教育推動之領導角色，特辦理本培訓課程。本課程結合「國際視野 × 在地行動」之理念，針對在臺外籍學生設計。透過走進臺灣傳統養殖產業現場，觀察其與環境的衝突及政策之回應，學員不僅能看見在地的永續挑戰，更透過實際體驗與多元視角，思考環境行動的途徑，進而達到環境教育青年國際交流的目的。

本課程以「**在地環境行動與循環經濟**」為主題，結合臺灣 2050 淨零轉型之資源循環策略，聚焦嘉義縣布袋鎮沿海蚵業所面臨的「白色海洋污染」問題。課程從產業現場出發，逐步引導學生理解以下脈絡：

1. 產業發展與環境壓力：傳統蚵養殖帶動地方經濟發展，卻因廢蚵殼、蚵棚、保麗龍浮具等衍生出環境負擔。
2. 循環經濟的實踐與轉機：從蚵殼再利用、廢漁網回收再製，到企業 ESG 行動，呈現臺灣政策、產業與社區如何回應環境挑戰。
3. 在地行動與國際對話：結合青年返鄉案例、跨國學生分組交流，激發其思辨與解方提案，形成具有文化背景與行動潛力的綠色建議。

期藉此連結臺灣本土的環境實務工作者與在臺就學之國際青年人才，讓國際人士瞭解臺灣以循環經濟的模式協助傳統養殖業轉型的行動經驗、解決策略及可行方案，以做為其他國家處理環境議題時的參考案例，提升臺灣形象，促進國際合作，並成為具深化影響力的環境教育案例。

二、辦理單位

主辦單位：環境部

承辦單位：全球環境教育夥伴亞太中心(113.10~114.11 由環境部委託邑沅有限公司維運)

三、活動日期

2025年9月7日(星期日)至9月8日(星期一)，共2天1夜。

四、活動地點

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- (一) 課程及戶外學習：嘉義縣布袋鎮海上巴士、好美社區及臺灣化學纖維公司新港廠等。
 - (二) 課程地點：嘉義縣環境保護局4樓大禮堂(嘉義縣朴子市祥和二路西段2-1號4樓)。

五、活動人數

預計錄取外國學生 30 名，我國學生及環境教育領域從業人員參與者 5 名，合計共 35 名，並視實際報名情形可候補錄取。

六、活動對象及資格

以在我國求學之「亞太地區外國學生」為主，「其他國家」及「我國」對環境教育有興趣之學生及環境教育領域從業人員為輔；並以從未參加過本課程者優先。主辦單位將於報名後審核報名者資格，並篩選錄取。

- (一) 依教育部「外國學生來臺就學辦法」規定，於我國大專校院在學之外國學生。
- (二) 我國環境相關系所或對環境教育領域有興趣之大專校院學生(含碩、博士生)：須提供英文檢定文件佐證英文外語能力。
- (三) 我國環境教育領域「從業人員」：須提供英文檢定文件佐證英文外語能力。

七、報名方式及時間

- (一) 採網路報名（報名網址：<https://reurl.cc/4LvzWj>）。
- (二) 報名期間：即日起開始報名至2025年7月4日（星期五）止。報名截止後2週內公布錄取名單，並以 e-mail 寄發錄取通知。

八、課程保證金

為避免資源浪費，本活動會收取「**確認出席保證金**」，並將於活動結束後退還。

- (一) 參加學員收到錄取通知後，請依通知信函之指定日前繳納**新臺幣1,000元「確認出席保證金」**。全程參與活動者，將於活動結束當日以現金退還；若未於指定日前繳交「確認出席保證金」者，則取消報名資格。未參與及未全程參與者，「確認出席保證金」恕無法退還。
- (二) 「確認出席保證金」可至國泰世華銀行以「無摺存款」方式繳交，若跨行轉帳或郵局劃撥等其他方式所產生之額外手續費用，需自行支付。

繳交方式	ATM 轉帳或臨櫃繳款
匯款銀行	國泰世華銀行北新分行
銀行代碼	013
帳 號	226035011305
戶 名	邑沅有限公司

- (三) 參加人員於繳交「**確認出席保證金**」後，請以 e-mail 回傳繳費證明及回傳確認單，方視為完成報名手續。
- (四) 課程資源有限，**錄取者如不克出席，請務必於2025年7月31日（星期四）前**以電話或電郵通知承辦單位聯絡人，以利候補名單遞補程序，並退回「**確認出席保證金**」，惟需酌收匯款手續費新臺幣30元（從保證金扣除後匯出）；逾截止期限2週後取消報名者則不予退回。

九、活動費用

活動期間之課程、餐點、住宿（2人1房）、接駁等費用由承辦單位支應，惟參加者因至接駁集合地點所衍生之交通及住宿費用需自行負擔。

十、注意事項

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- （一） 本課程包含海上巴士生態課程，請斟酌考量自身情況（如：氣味敏感者），確認無異議者再進行報名。
 - （二） 參與活動前建議可事先蒐集及了解與課程主題相關之資訊，以利活動討論之背景知識建立及產出。
 - （三） 承辦單位會遵守個人資料保護法規定，保障報名者個人資料安全責任，在符合特定目的下處理及利用個人資料。
 - （四） 參加者即視為同意主辦單位全程拍攝活動紀錄影片及照片，並同意主辦單位後續為教育推廣及政策行銷之目的，得使用前述影（照）片於公開播送、公開上映、公開傳輸及使用於報章雜誌、網站、展間或任何形式媒體上。如有不同意者，請勿參與本活動。
 - （五） 活動期間備有餐點，請於報名時註明飲食需求（葷食、素食、食物過敏原等），並需自備環保杯、環保餐具。
 - （六） 住宿旅店僅提供毛巾，不提供一次性用品，請自備盥洗用品（牙膏、牙刷、沐浴乳、洗髮乳、拖鞋等）。
 - （七） 為確保活動品質並響應節能減碳，請參加者務必於集合地點一同搭乘接駁車，若未及時抵達集合地點，請自行前往活動地點。
 - （八） 本活動如遇颱風等不可抗拒之因素，經政府機關宣布停止上班上課時，則主辦單位有權將活動延期或取消。若有課程異動將即時用 e-mail 與電話通知。
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十一、活動聯絡資訊

(一) 環境部

聯絡人：林怡菁小姐

電子郵件：yiching.lin@moenv.gov.tw

(二) 全球環境教育夥伴亞太中心 (GEEPAPRC)

聯絡電話：02-23880028

聯絡人：寇惠惠，電子郵件：yixue8913@gmail.com

十二、課程目標及流程

(一) 課程目標



為使各國青年參與者不僅「看見」臺灣的環境問題，更能深入思考「我可以做什麼」，課程設計一系列兼具理論與實務、學習與體驗、行動實作、分享與討論的課程內容，透過由淺入深的概念鋪陳，引導學員瞭解現況、思考觀點、蒐集臺灣環境行動案例、分享交流、夥伴回饋等。期許未來在面對自己國家的環境議題前，能夠先儲備內在能量，強化其問題意識與解決思維，並運用臺灣環境教育與行動經驗，預先種下環境行動的種子。

透過進入布袋沿海的養殖產業現場與海洋廢棄物熱區，讓學員在第一現場觀察臺灣西南沿海的白色海洋污染、生態衝擊與產業轉型挑戰，並實際參與環境調查、廢棄物再生工作坊與創意解方發想等任務。



(二) 課程表：

第 1 天課程表 (2025 年 9 月 7 日，星期日)

時間	主題		課程內容	講師/團隊	地點
09:00-09:25	嘉義高鐵站		集合及報到	GEEP APRC	嘉義 高鐵站
09:25-09:40	車程				
09:40-09:50	開場致詞		環境部、GEEP APRC 代表		嘉義縣 環境保 護局 4 樓大禮 堂
09:50-10:10	綠色破冰任務		自我介紹，分組互動挑 戰，建立默契與信任	GEEP APRC	
10:10-11:00	專 題 演 講	嘉義縣牡蠣養 殖業的故事	臺灣西南沿海牡蠣養殖 業歷程	嘉義縣農業處 漁業科/張建成 科長	
11:00-11:10		休息			
11:10-12:00		養殖產業循環 經濟再利用推 動策略及歷程	廢棄牡蠣殼拖鞋、醫材、 建材再利用	環境部氣候署 張根穆副署長 (前嘉義縣環 保局局長)	
12:00-12:30	車程				
12:30-13:30	體 驗 式 學 習 與 觀 察	午餐			嘉義縣 布袋海 上巴士
13:30-15:00		布袋海上巴士 (蛋糕沙灘) 生態導覽	認識蚵棚生態與氣候調 節功能、啟發自然觀察 能力	海上巴士 導覽員	
15:00-15:20		車程			
15:20-17:20		布袋好美船屋	認識好美船屋環境教育 功能與空間再生，了解 文化如何推動永續行動	好美社區 導覽員	嘉義縣 布袋鎮 好美社 區
17:20-18:20		晚餐			
18:30-19:10	車程				
19:10-19:40	飯店入住				飯店
19:40-20:30	星空故事分享		青年視角與國際互動， 小組討論	GEEP APRC	

第 2 天課程表（2025 年 9 月 8 日，星期一）

時間	主題	課程內容	講師/團隊	地點
08:00-09:00	早餐		—	飯店
09:00	集合		GEEP APRC	
09:00-09:25	車程			
09:25-09:40	暖身活動		GEEP APRC	臺灣化學纖維公司新港廠
09:40-11:30	工廠探秘參訪	探訪產業如何朝永續轉型，完成觀察任務卡並記錄永續實踐	臺灣化學纖維公司新港廠	
11:30-11:40	車程			
11:40-12:30	午餐			嘉義縣新港香藝文化園區
12:30-14:20	分組討論	透過引導討論，讓參與學員交流並討論	GEEP APRC	
14:30-14:30	休息			
14:30-15:30	成果發表分享	發表分享組內成果	GEEP APRC	
15:30-16:00	結訓典禮	發放證書、頒獎、紀念大合照	GEEP APRC	
16:00-16:20	車程			
16:20	賦歸（解散地點：嘉義高鐵站）		GEEP APRC	嘉義 高鐵站

十三、課程說明

（一）活動緣起

嘉義布袋海岸邊有白色保麗龍碎片一波波隨海浪打上岸，廢棄蚵棚與漁網纏繞在石頭和紅樹林中，蚵殼堆得像一座座小山。這裡曾是臺灣最重要的蚵業基地之一，數十年來支撐著當地數千戶漁民生計，也構成臺灣西南沿海獨有的生活風景。清晨出海、黃昏曬蚵，曾是布袋人一輩子的寫照。養殖業是血，是汗，更是一家溫飽的希望。

然而，隨著產量提升與設備擴張，未妥善管理的蚵棚設施、漁網與浮具逐漸轉化為龐大的環境負擔。根據 2020 至

2021 年間，環保團體調查，全臺沿海高達七成的海洋垃圾來自廢棄漁具，彰化、雲林、嘉義、臺南等地，更有超過六成屬於養殖類設施。西南部的蚵棚甚至隨洋流一路漂到東北角，保麗龍浮具在海中受沖刷後碎裂，產生大量塑膠微粒，形成俗稱的「白色海洋污染」，正逐步侵蝕我們的海岸線與生態系統。

本活動以嘉義布袋沿海為主要場域，透過亞太青年環境教育交流平臺，邀請來自各國的青年，實地走入這片既充滿挑戰也蘊含轉機的海岸線。他們將親眼見到傳統養殖產業留下的環境問題，理解「白色污染」不只是視覺衝擊，更是一場深入食物鏈與國際海洋治理的永續危機。

同時，我們也將帶他們看見希望-廢棄漁網如何被加工成機能服飾的再生纖維、蚵棚木材如何變身展覽裝置、海廢如何轉化為藝術作品。這不只是參訪，而是一次用腳丈量環境問題、用眼看見轉型可能、用心思考行動方向的旅程。

期望讓青年透過參與和觀察，理解環境問題的複雜與現實，並啟發他們在未來成為改變的一分子。這不僅是臺灣的故事，更是全世界沿海地區正在面對的共同挑戰。透過這樣的經驗交流，我們希望培養更多能行動、會思辨、懂合作的國際環境青年，為亞太的永續發展注入新動能。

（二）課程核心目標：

1. 認知層面

- A. 認識亞太地區與臺灣推動環境教育的概況。
- B. 認識臺灣在地環境議題。
- C. 增進國際學生對我國政府永續政策理解。

2. 技能層面

- A. 培養跨文化交流能力與環保行動意識。
- B. 體驗臺灣環境教育場域或社區環境行動的課程方案。
- C. 透過體驗式活動與分組任務，提升問題解決與創意思考能力。



3. 態度層面

- A. 激發對永續生活的興趣與主動參與意願。
- B. 培養國際視野與在地連結的環境公民素養。
- C. 參考臺灣在地環境行動及教育方案，分享可在家鄉運用的作法。

(三) 教學方式：強調「做中學、學中做」

1. 體驗式學習

- A. 實地參訪：海上巴士生態導覽。
- B. 行動任務：觀察記錄卡、分類挑戰、行動設計。

2. 問題導向學習

- A. 引導學生理解環境的關鍵議題，培養其解決問題、跨領域思考與在地行動構想能力。
- B. 小組討論：針對資源盤點、社區參與與永續發展進行策略規劃。
- C. 發想解決方案：針對參與者在臺生活，提出可執行的綠生活提案。

3. 跨文化比較與反思

- A. 啟發學生從自己國家的文化與制度出發，與臺灣現象對照。
- B. 農漁業規模與方式差異、減塑文化的接受度。

4. 多感官學習

- A. 視：濕地生態、政策圖像。
- B. 聽：導覽人員解說、同儕故事分享。
- C. 觸：撿海廢、手作。
- D. 味：在地海味午餐，結合「食物與永續」討論。



(四) 實地造訪/環境教育課程體驗

1. 好美船屋（環境教育與藝術創生結合的社區基地）

嘉義好美社區 10 年來自發性「築籬定沙」環境行動，在 1 年間擴展了 25 公頃沙灘地，成果令人動容，並於 2022 年亦獲得全球百大目的地永續故事獎特優，2023 年入圍全球最大旅展 ITB Berlin 柏林國際旅展綠色目的地故事獎，於 2024 年榮獲臺灣「第九屆國家環境教育獎社區組特優」之肯定。

嘉義好美里曾是布袋漁港的舊倉庫，如今搖身一變成為結合永續教育、在地文化與藝術創作的社區新據點。好美船屋以「再生」為核心精神，將環境議題轉化為創作靈感，也成為本次課程中，最具行動轉化力的學習場域。

本據點環境教育課程多元，例如可讓學員實際動手將收集到的海廢（如保麗龍碎片、廢繩、塑膠瓶蓋等）轉化為創作材料，從「污染的痕跡」創造出「傳達意識」的作品。透過分組創作、展示與分享，學員不僅表達觀察到的環境現象，也進一步構思個人的綠色生活提案。

A. 課程內容 1：文化觀察記錄卡

記錄在地藝術、環保設計與社區互動的元素，思考地方創生與永續教育的連結。

B. 課程內容 2：海廢創作任務

每組使用指定回收海廢材料，完成一件主題創作作品，呈現對「人與海」關係的理解與詮釋。

學習重點：地方創生與環境教育的結合、廢棄物再利用實作、環境與文化敘事。

2. 布袋海上巴士（濕地 × 紅樹林 × 生態教育的行動教室）

從布袋港出發，搭上「布袋海上巴士」，不只是體驗海域景象，更是一場航行中的行動課堂。隨著船身緩緩前行，穿越潮間帶與紅樹林，沿岸的濕地生態、鳥類飛翔與



水草搖曳，構成一幅流動的自然教科書。

此區為嘉義濱海重要的濕地保護區，蘊含豐富的生物多樣性，也是臺灣候鳥遷徙的重要中繼站。學員將透過實地觀察、記錄與團隊討論，從中認識濕地的生態功能、環境變遷與人為影響，深化對棲地保護與氣候調適的理解。

A. 課程內容 1：濕地航海王任務卡

每組發放觀察任務卡，記錄指定物種或景觀線索，如招潮蟹、白鷺鷥、紅樹林根系結構等，完成「觀察 Bingo」挑戰。

B. 課程內容 2：生態導覽互動問答

搭配專業導覽員即時講解與問答互動，促進即時回應與深度學習。

學習重點：濕地生態系服務功能、氣候變遷下的濱海保育行動、生態旅遊實踐。

3. 臺灣化學纖維公司新港廠(產業轉型 × 循環經濟 × ESG 實務案例)

走進臺化新港廠，學員將從產業現場出發，理解製造業如何在面對氣候變遷與國際減碳壓力下，實踐企業社會責任（CSR）與環境永續（ESG）。臺化自 2018 年開始推動回收廢棄漁網製成再生尼龍，將海廢轉為高值布料，成為結合環保、科技與循環經濟的國際案例。

本單元將透過導覽、記錄與任務挑戰，讓學員換位思考：「如果我是企業經營者，如何兼顧生產與永續？」並觀察工廠如何將環境管理具體落實於操作層面，例如能源使用、原料回收、碳排管理等。

A. 課程內容 1：問題紀錄卡× ESG 小測驗

邊參訪邊填寫問題紀錄卡，並於結束後完成 ESG 簡易測驗，評估學生對企業永續實踐的理解程度。

B. 課程內容 2：循環經濟觀察任務

小組指定觀察主題（如原料來源、製程減碳、再生應用等），完成實地記錄並撰寫小結報告。

C. 課程內容 3：小組分享與評論任務

針對觀察結果提出「我認為這家企業還可以怎麼做更永續？」進行簡短討論與發表。

學習重點：企業永續（ESG）、工業碳管理、循環經濟架構與制度落實。



2025 International Youth Environmental Education Activities

【Sustainable Concepts • Taiwan Experience • International Practices】

Empowering Youth for Sustainable Development

I. Purpose of the Program



This course is organized to uphold the spirit of global vision and local action and to deepen Taiwan's leadership role in promoting environmental education in the Asia-Pacific region. This course combines international vision with local action and is designed for foreign students in Taiwan. By visiting some of Taiwan's traditional aquaculture industry sites and observing environmental challenges and policy responses, participants will be able to directly see local sustainability challenges and think about ways to engage in environmental action. By gaining practical experience and seeing multiple perspectives, they will fulfill the purpose of engaging in international environmental education exchanges for youth.

The theme of the course is "Local Environmental Action and Circular Economy," aligning with Taiwan's 2050 Net-Zero Transition strategy on resource circulation. It focuses on the issue of "white pollution" in the ocean that is confronting the oyster industry along the coastal areas of Budai Township in Chiayi County. Starting from real-world industry settings, the course guides students to understand the following contexts:

1. Industrial development and environmental pressure: Traditional oyster farming has driven local economic development, but it has also created an environmental burden due to waste oyster shells, oyster sheds, and polystyrene floats.
2. The practice and transformation of the circular economy: From the reuse of oyster shells and the recycling of waste fishing nets to corporate ESG actions, this section will show how Taiwan's policies, industries, and communities respond to environmental challenges.
3. Local action and international dialogue: Considering cases of young people returning to their hometown, international students, through stimulating group exchanges, will propose solutions, and form green suggestions that are culturally suitable and feasible.



The course objective is to connect local environmental practitioners in Taiwan with young international talents studying in Taiwan, so that more people internationally will understand Taiwan's experiences on the ground, strategies for solutions and feasible plans to help transform traditional aquaculture industry practices to align with a circular economy model. Observation of the transformative practices will serve as reference cases for other countries for dealing with their own environmental issues, while enhancing Taiwan's image and promoting international cooperation. It will serve as an environmental education case with a profound impact.

II. Organizers

- Sponsored by Ministry of Environment
- Co-organized by the Global Environmental Education Partnership Asia-Pacific Regional Center (GEEP APRC) (Entrusted by the Ministry of Environment to Yiyuan Co., Ltd. for management and operation)

III. Date

September 7 to September 8, 2025

IV. Venues

- 
- Budai Sea Bus (Cake Beach Experience) (No. 5, Xinnan 1st St., Budai Township, Chiayi County)
 - Haomei Boat House (Haomei Agriculture and Fishery) (No. 700, Huweiliao, Budai Township, Chiayi County)
 - Taiwan Chemical Fiber Corporation Xingang Plant (No. 1, Zhongyang Industrial Park, Xingang Township, Chiayi County)
 - Auditorium of the Environmental Protection Bureau of Chiayi County (No. 2-1, West Section of Xianghe 2nd Road, Puzi City, Chiayi County)
- 

V. Number of participants

Thirty (30) international students and 5 local participants will be selected for the program. There may be a waiting list depending on availability of spots.

VI. Eligibility and Qualifications

This program is designed for students from Asia-Pacific countries who are studying in Taiwan. However, a number of local students interested in environmental education and practitioners in environmental education will also be selected to participate. Priority will be given to individuals who have never taken the course before. The organizer will verify that applicants have the following qualifications before selecting participants.

- International students studying in Taiwan universities and colleges under the “Regulations Regarding International Students Undertaking Studies in Taiwan”.
- Students from universities and colleges in Taiwan who are studying in environment-related departments or are interested in environmental education (including master's and doctoral students). An English certification document to verify English proficiency must be provided.
- Practitioners in the field of environmental education in Taiwan must provide an English certification document to prove their English language proficiency.

VII. Registration Procedure and Timeline

- Registration Online at <https://reurl.cc/4LvzWj>.
- Registration Period: From now **until July 4, 2025**
- Two weeks after the application deadline, acceptance notices will be sent by e-mail.

VIII. Course Deposit

To guarantee attendance, participants must pay a confirmation deposit which will be returned at the end of the program.

- Upon receiving notification of acceptance, participants must pay a confirmation deposit of NT\$1,000 by the date specified in their acceptance e-mail. The deposit will be returned in cash on the day that participants complete the program. Participants who fail to pay by the deadline will forfeit their spot in the program. The deposit will not be returned to those who fail to attend the program or do not complete it.

- Participants may pay the deposit at Cathay United Bank or pay an inter-bank or postal transfer fee.

Payment Method	ATM transfer or in-bank payment
Remittance Bank	Cathay United Bank Beixin Branch
Bank code	013
Account Number	226035011305
Account Name	Yi Yuan Ltd.

- After paying the deposit, participants must e-mail copies of their payment receipt and their program confirmation letter to complete the registration process.
- If confirmed participants need to withdraw from the program, they must contact a co-organizer by phone or e-mail before July 31, 2025 (Thursday), to allow another applicant to take their spot and have their “confirmed attendance deposit” returned. However, a remittance fee of NT\$30 will be charged (deducted from the deposit before it is remitted); no refund will be made for cancellation of registration two weeks after July 31, 2025.

IX. Program Costs

The co-organizers will cover the cost of the lessons, meals, accommodation (2 persons per room), and transportation during the program. Participants are responsible for transportation to the meeting point and any extra accommodation expenses.

X. Items to Note

- This program includes the Sea Bus Ecology Course. Please consider your own needs (e.g. sensitivity to odors) and make sure you have no objections before applying.
- Before the program, please read documents related to circular economies and the livestock industry to further your background knowledge and better facilitate discussions during the program.
- The co-organizers agree to comply with the *Personal Data Protection Act* and will ensure that all participants’ personal information will be handled responsibly and in accordance with the specified purposes.

- Participants are deemed to have agreed to the organizer taking video and photographs of the entire event, and agree that the organizer may use the aforementioned images (videos and photos) for public broadcast, public screening, public transmission and use in newspapers, magazines, websites, exhibition halls or any form of media for the purpose of subsequent educational promotion and policy marketing. If you disagree, please do not register for this program.
- Meals will be provided during the event. Please indicate your dietary needs (meatless, vegetarian, food allergies, etc.) when registering, and bring your own eco-friendly cups and tableware.
- The hotel only provides towels. It does not provide disposable items, so please bring your own toiletries (toothpaste, toothbrush, shower gel, shampoo, slippers, etc.).
- To ensure the quality of the event, conserve energy and reduce carbon emissions, participants shall board the shuttle bus together at the specified meeting points. People who fail to arrive at a meeting point on time should go to the event location on their own.
- In a force majeure event, the organizer reserves the right to postpone or cancel the program if the government announces suspension of work and classes. We will notify you immediately by phone or e-mail if there are any changes to the program.

XI. Contact Information

- Ministry of Environment
Ms. Yi-Ching Lin
yiching.lin@moenv.gov.tw
- Global Environmental Education Partnership Asia-Pacific Regional Center (GEEP APRC)
Contact number: 02-2388-0028
Ms. Hui-Hui Kou, Email: yixue8913@gmail.com

XII. Course Objectives and Procedures

GEEP APRC Taiwan plays a key role in international environmental

education partnerships and in environmental education for a circular economy.

- The Global Environmental Education Partnership (GEEP) was initiated in 2014 by the U.S. Environmental Protection Agency, the Taiwan Environmental Protection Administration, and the North American Association for Environmental Education. GEEP is committed to promoting environmental education around the world, hoping to create a fairer and more sustainable future through the power of education, where people can prosper together while living in harmony with nature.



1. Environmental education is the driving force behind the concept of circular economy. Environmental educators need to pay attention to how to transform the various linear thinking patterns we have taken for granted in the past and rethink issues such as design, production and consumption informed by the concept of circularity.

Course Objectives:

In order to enable young participants from various countries to observe Taiwan's environmental problems, and think deeply about "What I can do," the course is designed to combine theory and practice, academic learning and practical experience, implementation of actions, sharing and discussion. Going from the basics to advanced concepts, participants will be guided to understand current conditions, think about different viewpoints, and study Taiwan's environmental action cases, engage in sharing and exchange, and provide peer feedback. It is hoped that before facing environmental issues in their own country in the future, they can first build up their inner sensitivity, strengthen their awareness of problems and problem-solving skills, and use Taiwan's environmental education and experience to plant the seeds of environmental action in advance.

By entering aquaculture industry sites and marine waste hotspots along the Budai coast, students will witness white pollution in the ocean, ecological impacts and industrial transformation challenges along the southwest coast of Taiwan, and personally participate in activities such as environmental surveys, waste recycling workshops and generation of creative solutions.

2. Course Schedule:

Day 1 Schedule



<Sunday, September 7, 2025>

Time	Theme	
09:00-09:25	Meet at Chiayi HSR Station	
09:25-09:40	Travel to destination and Check-in	
09:40-09:50	Opening Remarks Ministry of Environment, GEEP APRC Representatives	
09:50-10:10	< Ice Breaker > Self-introductions, Group Interaction Challenge, Build Rapport, Understanding and Trust	
10:10-11:00	Special Lectures	< The Story of Oyster Farming in Chiayi County > History of Oyster Aquaculture on Taiwan's Southwest Coast <i>Chien-Cheng Chang</i> , Section Chief of the Fisheries Section, Agriculture Department, Chiayi County Government
		< The Promotion Strategies and Processes of Circular Economy and Recycling in the Aquaculture Industry > Reuse of Discarded Oyster Shells in Slippers, Medical Materials, and Building Materials <i>Ken-Mu Chang</i> , Deputy Director General, Climate Administration, Ministry of Environment (former Director of the Environmental Protection Bureau of Chiayi County)
11:10-12:00	Special Lectures	
12:30-13:30	Lunch	
13:30-15:00	Experiential Learning and Observation	< Budai Sea Bus (Cake Beach) Ecological Tour > Understand the Ecological and Climate Regulation Functions of Oyster Sheds and Sharpen Nature Observation Skills
15:20-17:20	Experiential Learning and Observation	< Haomei Boat House Experiential Activities > Learn about the Environmental Education Functions and Space Regeneration of the Haomei Boat House, and Understand How Culture Promotes Sustainable Actions
17:20-18:20	Dinner	
19:10-19:40	Hotel Check-in	
19:40-20:30	Sharing Starry Sky Stories Youth Perspective and International Interaction, Panel Discussion	

Day 2 Schedule <Monday, September 8, 2025>

Time	Theme
09:00	Assemble
09:25-09:40	Warm-Up Activities
09:40-11:30	< Factory Exploration Visit > Explore How Industries Are Transforming Towards Sustainability, Complete Observation Task Cards and Record Sustainable Practices
11:40-12:30	Lunch
12:30-14:20	< Group Discussion > Through Guided Discussions, Participants can Exchange and Discuss
14:30-15:30	< Sharing of Results > Publish and Share Group Achievements
15:30-16:00	Graduation Ceremony
16:20	Return to Chiayi HSR Station

XIII. Program Description

1. Background of the activities



On the Budai coast of Chiayi, white polystyrene fragments are washed ashore by waves, abandoned oyster sheds and fishing nets are entangled among rocks and mangroves, and oyster shells are piled up in mounds. This was once one of the most important oyster production bases in Taiwan, supporting the livelihoods of thousands of local fishermen for decades and constituting a unique living landscape on the southwest coast of Taiwan. Going out to sea in the early morning and drying oysters in the evening was once a way of life for the people of Budai. Aquaculture is blood and sweat, and the source of livelihood for many families.

However, with the increase in production and the expansion of advanced equipment, improperly managed oyster farming structures, fishing nets, and floats have gradually become a significant environmental burden. According to surveys conducted by environmental groups between 2020 and 2021, as much as 70% of marine debris along Taiwan's coastlines originated from abandoned aquaculture gear. In areas such as Changhua, Yunlin, Chiayi, and Tainan, over 60% of this debris came from aquaculture-related facilities. Oyster farming structures in the southwest have even drifted with ocean currents all the way to the northeastern coast. Polystyrene floats, worn down by the sea, break into fragments and generate large quantities of micro-plastics, resulting in what is commonly known as “white pollution,” which

is steadily polluting our coastlines and ecosystems.

This activity will be mainly held in Budai, Chiayi. Through the Asia-Pacific Youth Environmental Education Exchange Platform, we invite young people from various countries to visit this coastline that is full of challenges but also offers opportunities. They will see with their own eyes the environmental problems left behind by the conventional aquaculture industry and understand that “white pollution” has not just a visual impact, but is a crisis that penetrates the food chain and calls for better international ocean governance.

At the same time, we will also give participants reasons for hope, – showing how abandoned fishing nets can be processed into recycled fibers for functional clothing, how oyster shed wood can be transformed into exhibition installations, and how marine waste can be transformed into works of art. This is not just a visit, but a journey to measure environmental problems with our feet, see the possibility of transformation with our eyes, and think about how to direct our actions with our hearts.

We hope that through participation and observation, young people will understand the complexity and reality of environmental issues and be inspired to become part of the changes for a better future. This is not only Taiwan's story, but also a common challenge faced in coastal areas around the world. Through such exchanges of experience, we hope to cultivate more young people with an international perspective, who are capable of critical thinking, action and cooperation, and to inject new energy into the sustainable development of the Asia-Pacific region.

2. Core objectives of the course:

- Cognitive level
 - Understand the general situation of promoting environmental education in Taiwan and the Asia-Pacific region
 - Understand local environmental issues in Taiwan
 - Enhance international students' understanding of the government's sustainable development policies
- Skill level
 - Cultivate cross-cultural communication skills and environmental awareness
 - Curriculum Plan for Experiencing Taiwan's Environmental

Education Sites or Community Environmental Actions

- Improve problem-solving and creative thinking skills through experiential activities and group tasks
- Attitude
 - Stimulate interest in sustainable living and willingness to actively participate
 - Cultivate environmental citizenship with an international perspective and local connections
 - Refer to Taiwan's local environmental action and education programs and share practices that can be applied in participants' home countries

3. Teaching Method: Emphasis on “learning by doing, doing by learning”

- Experiential Learning
 - Field visit: Sea bus ecological tour
 - Action tasks: observation record cards, classification challenges, action design
- Problem-based Learning
 - Guide students to understand key environmental issues and cultivate their ability to solve problems, think across fields and envision local actions
 - Group discussion: Strategic planning for inventory, community engagement and sustainable development
 - Generate solutions: Propose feasible green living ideas for participants living in Taiwan
- Cross-cultural comparison and reflection
 - Inspire students to start from their own country's culture and system and compare it with conditions in Taiwan
 - Differences in scale and methods of agriculture and fishery, and acceptance of plastic reduction culture
- Multi-sensory learning

- Visual: Wetland ecology and policy visualization
- Listen: Tour guide's explanation and story sharing by peers
- Touch: Picking up sea waste handcrafting
- Taste: Lunch with local seafood, combined with a discussion on “Food and Sustainability”

4. Field visits/ environmental education course experience

◆ **Haomei Boat House (a community base combining environmental education and creation of art)**

The Chiayi Haomei Community has been carrying out a spontaneous “fence-building and sand-fixing” environmental action for 10 years, the beach area was in one year. The results are impressive. In 2022, it also won the Special Award for Sustainability Story of the Top 100 Global Destinations, and was shortlisted for the Green Destination Story Award at the world's largest travel show ITB Berlin in 2023. In 2024, it was awarded the “Special Award in the Community Group of the 9th National Environmental Education Award” in Taiwan.

Haomeili, Chiayi, was once an old warehouse at Budai Fishing Port. Now it has been transformed into a new community base that combines sustainable education, local culture and artistic creation. With “regeneration” as its core spirit, Haomei Boathouse transforms environmental issues into creative inspiration, and has become the most action-oriented learning environment in this course.

The base offers a variety of environmental education courses. For example, students can actually transform collected marine waste (such as styrofoam fragments, waste ropes, plastic bottle caps, etc.) into material for art, creating works that “convey awareness” from “traces of pollution.” Through group creation, display and sharing, students not only understand the environmental phenomena they observed, but also further developed their own green living proposals.

- **Course Content 1: Cultural Observation Record Card**

Record elements of local art, environmental design and community interaction, and reflect on the connection between local creation and sustainable education

- **Course content 2: Sea waste creation task**

Each group uses designated recycled marine waste materials to

complete a themed creative work, to express their understanding and interpretation of the relationship between “man and the sea”.

- Learning focus: Integration of local creation and environmental education, waste recycling practices, environmental and cultural narratives

◆ **Budai Sea Bus (Wetland × Mangrove × Ecological Education Action Classroom)**

Starting from Budai Port, the “Budai Sea Bus” offers not only marine ecology, but also an experiential classroom during the voyage. As the boat slowly moves forward, passing through the intertidal zone and mangroves, the wetland ecology along the coast, flying birds and swaying water plants form a flowing natural textbook.

This is an important wetland conservation area along Chiayi's coast. It is rich in biodiversity and is also an important stop for migratory birds in Taiwan. Through field observation, recordings and team discussion, participants will learn about the ecological functions, environmental changes and human impacts of wetlands, and deepen their understanding of habitat protection and climate adaptation.

- Course Task 1: Wetland “One Piece” Mission Card

Each group was given an observation task card to record designated species or landscape clues, such as fiddler crabs, egrets, mangrove root structure, etc., to complete the “Observation Bingo” challenge.

- Course Task 2: Ecological tour, interactive question and answer

With real-time explanations and Q&A interactions by professional tour guides, it promotes instant response and in-depth learning.

- Learning focus: Wetland ecosystem service functions, coastal conservation actions under climate change, and ecotourism practices.

◆ **Taiwan Chemical Fiber Corporation Xingang Plant (Industrial Transformation × Circular Economy × ESG Practice Case)**

At Formosa Plastics & Chemicals Hsingang Plant, students will start from the industrial site to understand how the manufacturing industry can practice corporate social responsibility (CSR) and environmental sustainability (ESG) in the face of climate change and international carbon reduction pressure. Since 2018, Formosa Plastics & Chemicals has been promoting the recycling of discarded fishing nets into recycled nylon,

turning marine waste into high-value fabrics, becoming an international case study that combines environmental protection, technology and the circular economy.

Through guided tours, recordings, tasks and challenges, this visit will allow participants to think from another perspective: “If I were a business operator, how would I balance production and sustainability?” participants will also observe how factories implement environmental management at the operational level, in areas such as energy use, raw materials recycling, and carbon emission management.

- Course Task 1: Question card and ESG quiz

Test to assess participants’ understanding of corporate sustainability practices

- Course Task 2: Circular economy observation task

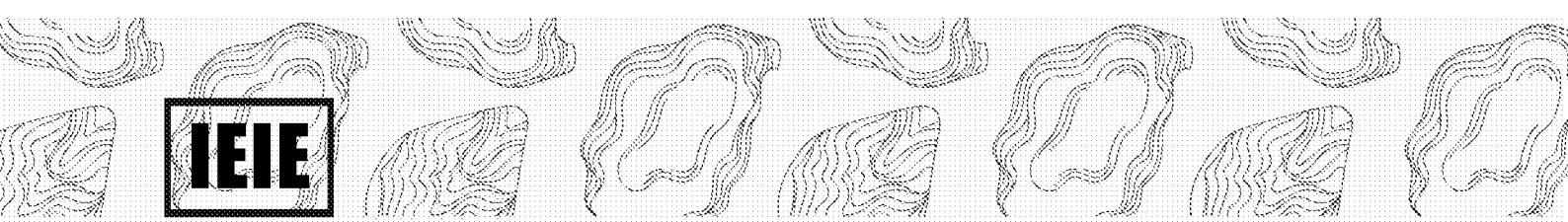
The group will designate observation topics (such as raw material sources, production carbon reduction, recycling applications, etc.), complete field records and write a summary report.

- Lesson 3: Group sharing and commentary tasks

Based on the observations, participants will consider “How else do I think this company can become more sustainable?” and take part in a brief discussion and presentation.

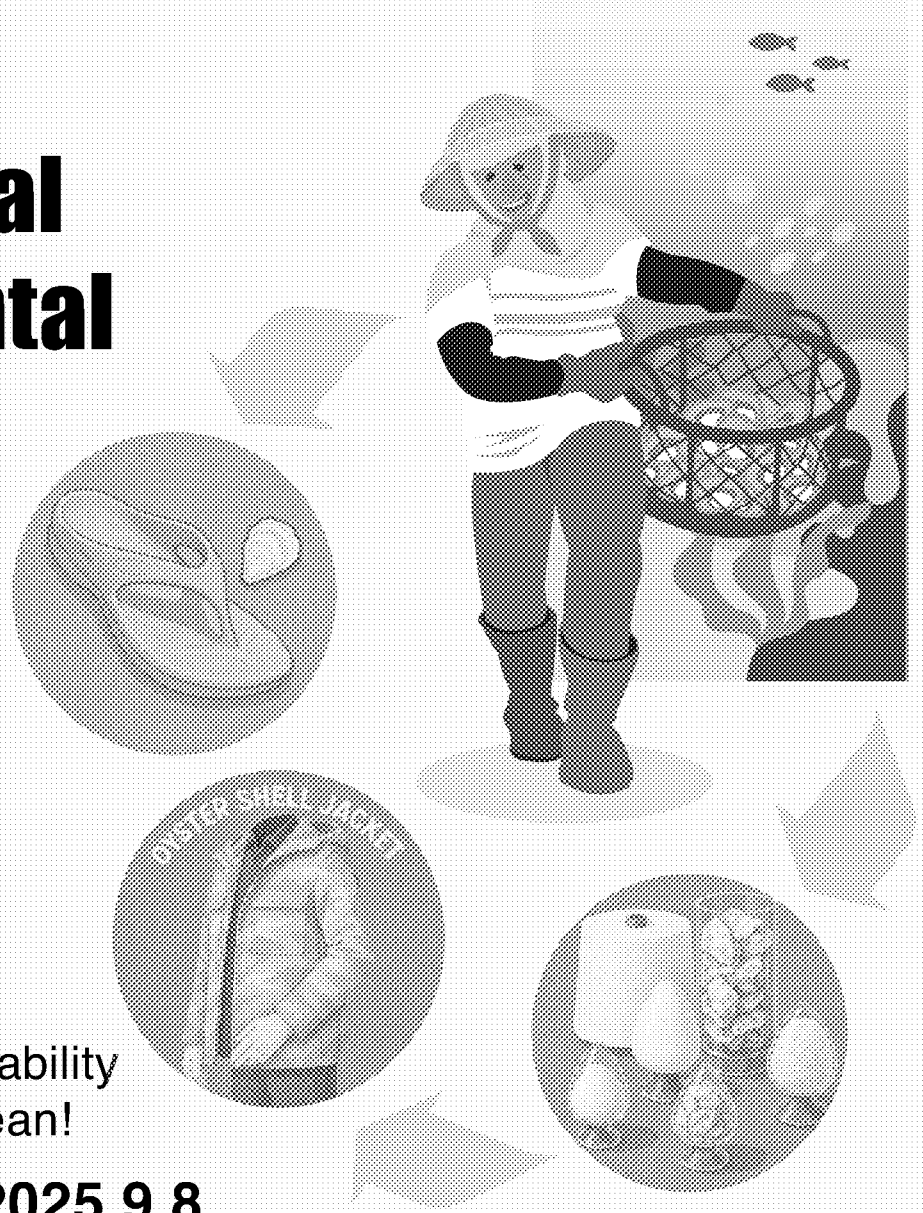
- Learning focus: Corporate sustainability (ESG), industrial carbon management, circular economy architecture and system implementation





2025

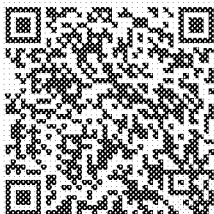
International Environmental Issues and Education workshop for youth



Secret Mission of
the White Coast:
Unlocking the Sustainability
Challenges of the Ocean!

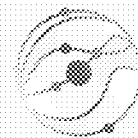
Date: 2025.9.7 - 2025.9.8

Registration open until July 4.



Venue:

Budai Sea Bus | Cake Beach Experience
Haomei Boat House | Haomei Agriculture and Fishery
Taiwan Chemical Fiber Corporation Xingang Plant



GEEP APRC

