

# 2020 國際土工合成材料學會(IGS)教學推廣研習營 議程

## IGS GEOSYNTHETICS EDUCATION TRAINING PROGRAM

Coordinated by IGS Education Committee, Hosted by IGS Chinese Taipei Chapter

Schedule : Saturday, November 21, 2020

時間 TIME	活動 ACTIVITY	講者 SPEAKER
10:00 – 10:15	Opening: Welcome and Introductions	NPUST & IGS
10:15 – 10:30	Discussion: Teaching geosynthetics in undergraduate classes. Objectives and philosophy of the “Educating the Educators” program	Prof. Chungsik Yoo, IGS
10:30 – 11:30	Topic 1: Introductory class on types and functions of geosynthetic materials	Prof. Chungsik Yoo, IGS
11:30 – 12:00	Workshop: Recognizing different geosynthetic materials	Chinese Taipei Chapter
12:00 – 13:00	Lunch: Working lunch with group breakouts, networking and sponsor displays	
13:00 – 14:00	Topic 2: Introductory class on geosynthetics for soil reinforcement applications	Prof. Jie Han
14:00 – 15:00	Topic 3: Advance topics on geosynthetics-reinforced walls & slopes	Prof. Kuo Shin Yang
15:00 – 15:20	Coffee Break	
15:20 – 15:50	Case Histories 1: Presented by ETE sponsors	
15:50 – 16:50	Topic 4: Introductory class on geosynthetics for environmental protection	Prof. Takeshi Katsumi
16:50 – 18:00	Topic 5: Technical Tour: A case study tour	NPUST
18:30 – 21:00	Reception dinner	

Schedule : Sunday, November 22, 2020

時間 TIME	活動 ACTIVITY	講者 SPEAKER
8:30 – 9:30	Topic 6: Introductory class on geosynthetics for hydraulic and erosion control applications	Prof. Chia-Chun Ho
9:30 – 10:00	Case Histories 2: Presented by ETE sponsors	
10:00 – 10:20	Coffee Break	
10:20 – 11:20	Topic 7: Introductory class on geosynthetics in roadway systems	Prof. Chao Xu
11:20 – 12:20	Topic 8: Introductory class on Geosynthetics for railway systems	Prof. Guangqing Yang
12:20 – 13:10	Lunch: Working lunch with group breakouts, networking and sponsor displays	
13:10 – 14:10	Topic 9: Geosynthetics for basal stabilization of embankments over soft soils	Prof. Chao Xu
14:10 – 15:10	Topic 10: Sustainable applications of geosynthetic materials	Prof. Jason Wu
15:10 – 15:30	Coffee Break	
15:30 – 16:30	Topic 11: Fundamental properties and related tests on geosynthetic materials	Prof. Chiwan Hsieh
16:30 – 17:00	Case Histories 3: Presented by ETE sponsors	
17:00 – 17:10	Discussion: Incorporating advanced GS topics in CE UG curriculum	Chinese Taipei Chapter
17:10 – 17:20	Closing: Issuing training certificate & extending thanks to sponsors	Chinese Taipei Chapter

- 備註：
1. 研習課程提供大地工程背景年輕教師、博士後研究及博士生
  2. 研習以中英文授課，費用由屏科大及 IGS 中華台北分會負責
  3. 提供學員由服務單位起程站至高鐵左營站往返超過65%高鐵或台鐵車資
  4. 11/21 早上 9:00am 將於高鐵左營站提供巴士接駁至屏科大
  5. 11/22 課程結束後屏科大將安排巴士送學員至高鐵左營站返家