

HERITAGE TIME CAPSULE (HTC) PROJECT

CTGS Taiwan

February 17th, 2023



地工技術
Sino-Geotechnics

PAST -
Documents from
the **TGS** & **Sino-Geotechnics** seniors



Za-Chieh Moh

(1988) Geotechnical Engineering in South East Asia Past Present and Future, *Geotechnical Engineering*, 19, 1-72.



Za-Chieh Moh

(2000) Geotechnical Issues of Some Major Infrastructure Developments in Taiwan.



San Lin

(2019) History of Geotechnical Engineering Development in Taiwan, *Sino- Geotechnics*, No.159, 107-114.

Present -

Geotechnical **challenges** and **major issues** from 2000 to present

Smart technology/ Artificial Intelligent/ IT
technology

Numerical simulation/ BIM integrated
technique

Anchoring/ Grouting/ Excavation technique
Debris flow/ Deep seated landslide/
Earthquake induced problems/ Disaster
prevention

Offshore foundation/ Tunneling
Nuclear waste/ Green energy



Future -

“What do you think will come true in 50 years about geotechnical engineering?”

Young practitioners
3 min. Youtube talk
Summarize up
Workshop discussion
Face wall Broadcast in
2022 Geotech





37 participants conveying their prospects on future geotechnical engineering

Sealed for **50 years**
Signed by
President Wang

Time capsule

Physically and digitally launched

Capsule opening ceremony in Geotech 2022 on Sep. 2nd, 2022

Capsule closing ceremony in 2023 on Feb. 17th, 2023, 40th anniversary of Sino-Geotechnics and sealed in the CTGS office In Taipei for 50 years



**“We Work for the
Inheritance of Wisdom
and Sustainability in
Geotechnical
Engineering.”**

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