



Twinning to Sustainable Energy Transition

AGENDA
19 March 2026

Short Conference on Geoenergy and Energy Transition

Organizing Committee:

-**Prof. Ioannis V. Yentekakis** (Director of FORTH/IG), **Dr. Spyridon Bellas** (Principal Researcher at the FORTH/IG), **Dr. Emmanuel Stamatakis** (Researcher at the NCSR, Coordinator of TWINN2SET), **Dr. Evangelia Gontikaki** (Researcher at the FORTH/IG), **Mrs Chrysoula Tallarou** (PhD Fellow TUC-FORTH/IG)

09:00: Registration

(**Moderator: Dr. Emmanuel Stamatakis, Coordinator of TWINN2SET**)

10:30-11:00 Welcome -Dimitris Gournis, Professor at TUC & Deputy Director of the FORTH/IG , & Ms. Valente Correia Paula, Project Officer of TWINN2SET Project

11:00-11:30 Jorgo Chatzimarkakis CEO, Hydrogen Europe (virtual)

Session 1 - (**Moderator: Dr. Emmanuel Stamatakis, Coordinator of TWINN2SET**)

11:30-11:45 Dr. Emmanuel Stamatakis, Coordinator of TWINN2SET Project & Researcher at the NCSR, "The TWINN2SET project: Twinning to Sustainable Energy Transition"

11:45-12:05 Dr. Spyros Bellas, Principal Researcher at the FORTH/IG, "Underground hydrogen storage in salt domes of Greece: Geological suitability and prospects for exploitation"

12:05-12:35 Vasilis Gaganis, Associate Professor at NTUA, Ms Renata Kanakaki & Mr Ntemis Diplas (PhD Candidates at NTUA) "Recent advances in optimizing CO2 storage in subsurface reservoirs"

12:35 -13:05 Break

Session 2 - (**Moderator: Dr. Spyros Bellas, FORTH/IG**)

13:05-13:25 Dr. Georgia Charalampous (Postdoctoral Researcher at the FORTH/IG) & Ms Polyanthi Trimi (Research Associate at the FORTH/IG), "Taxonomic and functional prediction analysis of microbial communities from a geothermal field of interest (Aedipsos- Ilia)"

13:25- 13:55 Alejandro Escalona Varela, Professor at UiS " Energy security, transition, and climate goals in the Norwegian Continental Shelf, lessons learned from the NCS2030 national petrocentre"

13:55-14:15 Ioannis Vakalas, Assistant Professor at NTUA, "Workflow for Static Modeling of Geological CO₂ Storage: The example of the Mesohellenic Basin, Greece"

14:15-14:30 Break

14:30- 15:30 Round table on Geoenergy transition (**Moderator: Dr. Emmanuel Stamatakis, FORTH/IG**)

15:30-15:45 Closing

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