



1st Jointed Conference of  
EUCEET and AECEF

The role of education for  
Civil Engineers in  
the implementation of the SDGs

12 November 2021

**4** QUALITY  
EDUCATION



**6** CLEAN WATER  
AND SANITATION



**7** AFFORDABLE AND  
CLEAN ENERGY



**8** DECENT WORK AND  
ECONOMIC GROWTH



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**13** CLIMATE  
ACTION



**14** LIFE  
BELOW WATER



**15** LIFE  
ON LAND



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# Conference program

(Greek time - EEST Time Zone)

From	To	Topic
08:30	09:00	Arrival of participants
09:00	09:30	Opening and Welcome notes
09:30	10:00	AECEF speaker, Prof. Ferreira Lemos
10:00	10:30	Keynote speech by Prof. Pericles Latinopoulos
10:30	11:00	Coffee break
11:00	12:30	Papers presentations:
		Smith, A. and Soeiro, A. "The nature of IACEE's SERINA's Project relative to the 2016 Porto Declaration and linked to the United Nations SDGs", SERINA, Australia, Universidade do Porto.
		Sophocleous, T.L. "Adaptable design methodology for quality DL education focusing on sustainable Architecture & integrated technologies", University of Nicosia, Cyprus
		Berkowski, P., Boroń, J., Batog, A., Nowak, L., Nowak, H., "Civil Engineers study on-line – Time to adapt study programs to new challenges case study of selected courses", Wrocław University of Science and Technology, Poland
		Theodossiou, N., Latinopoulos, P., Theodosiou, A., "The relation between Civil Engineering studies at the Aristotle University of Thessaloniki, and the SDGs", Aristotle University of Thessaloniki, Greece
		Pantazidou, M., Koutsoyiannis, D., Saroglou, C., Marinos, V., Iliopoulou, T., "Infuse teaching with research practices: A pilot project-Welcome presentation for first-year Civil Engineering students", National Technical University of Athens, Greece.
		Tsikaloudaki, Ai., "Educating Civil Engineers for achieving sustainability in the built environment", Aristotle University of Thessaloniki, Greece
12:30	14:30	Lunch break
14:30	14:40	Presentation of AUN by Dr. Choltis Dirhathiti (virtual)
14:40	15:10	EUCEET speaker, Prof. Alfredo Squarzoni
15:10	15:30	Keynote speech by Prof. Jeffrey Sachs (virtual)
15:30	17:00	Papers presentations:
		Holečka, M., Rabenseifer, R., "Extensive roof greenery and climate change", KKPS SvF STU in Bratislava, Slovakia
		Tsoumalakos, S., Katsifarakis, K.L. "Educating Civil Engineers for sustainable urban stream management", Aristotle University of Thessaloniki, Greece
		Liias, R., "Classifying construction related information: a unified system considering national individualities", Tallinn University of Technology, Tallinn, Estonia
		Ivanišević, L., Maglov, D., Cerić, A., Mihić, M., Sigmund, Z., Završki, I., "Impact of automated resource standardization system for energy-efficient construction on education for Civil Engineers", Faculty of Civil Engineering, University of Zagreb, Croatia.
		Poças Martins, J., Soeiro, A., "Digital construction: Challenges for Civil Engineers", Universidade do Porto, FEUP, R. Dr. Roberto Frias s/n, 4200-465 Porto, Portugal
		Chacón, R., Rivas, J., González, J., de-Pouplana, I., "Use of sensors, mobiles and computer vision in experimental structural dynamics", Universitat Politècnica de Catalunya, Spain
		Estela, M.R., Chacón, R., "Interactive programming activities for 1 <sup>st</sup> year students of calculus in Civil Engineering", Universitat Politècnica de Catalunya, Spain
17:15	17:30	Closing and conclusions by AECEF and EUCEET
17:30	18:30	General Assembly of AECEF and General Assembly of EUCEET (parallel sessions)
20:00		Conference Gala Dinner

		Virtual paper presentations:
		Skrzypek, Th., "The sustainable development goals in the European Universities projects: The case of engineering education", Ecole des Ponts ParisTech, France
		Spyridis, P., C., Stolz, K., "University education on performance-based design and life cycle engineering in the framework of pandemics and digitization, Faculty of Architecture and Civil Engineering and Department of Academic Teaching & Faculty Development, TU Dortmund, Germany.