



Πολυτεχνείο Κρήτης
Σχολή Μηχανικών Περιβάλλοντος



Technical University of Crete
School of Environmental Engineering

ΠΡΟΓΡΑΜΜΑ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΣΠΟΥΔΩΝ «ΠΕΡΙΒΑΛΛΟΝΤΙΚΗ ΜΗΧΑΝΙΚΗ»

Postgraduate Studies Programme in Environmental Engineering

ΕΑΡΙΝΟ ΕΞΑΜΗΝΟ 2021 – SPRING SEMESTER 2021

ΕΡΕΥΝΗΤΙΚΕΣ ΔΙΑΛΕΞΕΙΣ – RESEARCH LECTURES

Ημέρα / Day: Πέμπτη / Thursday

Ωρα / Time: 18:00 (ώρα Ελλάδος / Greece time)

Zoom link

<https://tuc-gr.zoom.us/j/82372239714?pwd=bEd4aUMzZ1hIRmZsNjNPcC9WclNoUT09>

Συντονιστές / Organizers

Asst. Prof. Alexandros Stefanakis / Επίκ Καθ. Αλέξανδρος Στεφανάκης
Assoc. Prof. Apostolos Voulgarakis / Αναπ. Καθ. Απόστολος Βουλγαράκης
(astefanakis@enveng.tuc.gr; a.voulgarakis@enveng.tuc.gr)

Ημερα/Day	Τίτλος & Ομιλητής / Title & Speaker
11/3	<p>“Studying the nexus between wildfires, the environment and humans”</p> <p><u>Assoc. Prof. Apostolos Voulgarakis</u> School of Environmental Engineering, Technical University of Crete, Greece</p>
18/3	<p>“Gasification-based Syngas Upgrading and Purification System for Enhanced Power Generation”</p> <p><u>Asst. Prof. Giannis Apostolos</u> School of Environmental Engineering, Technical University of Crete, Greece</p>
25/3	<p>“History of extreme European fires 2017-2020: climate change, convective boundary layer dynamics and long-term droughts”</p> <p><u>Marc Castellnou</u> Fire Chief and GRAF Team Leader, Catalan Fire Service President of Pau Costa Foundation</p>
01/4	<p>“Ocean2Coast: Advancements in the statistical representation of waves in the coastal zone”</p> <p><u>Lecturer Ioannis Karmpadakis</u> Department of Civil & Environmental Engineering, Imperial College London</p>
08/4	<p>“New Ecological Engineering” – integrating ecological findings with existing engineering practice to a holistic approach for problem solving”</p> <p><u>Prof. Schönborn Andreas</u> ZHAW School of Life Sciences and Facility Management, Institute of Natural Resource Sciences, Head of Ecological Engineering Group Co-president International Ecological Engineering Society</p>
15/4	<p>“Sustainable Drainage Systems (SuDS): approach,</p>

	<p>implementation scales and techniques”</p> <p><u>Dr Anacleto Rizzo</u> Iridra SrL, Italy</p>
22/4	<p>“Sustainable Urban Agriculture: Visions and Realities”</p> <p><u>Prof. Junge Ranka</u> ZHAW School of Life Sciences and Facility Management, Institute of Natural Resource Sciences</p>
13/5	<p>“Regional climate projections over Europe in the CMIP6- EURO-CORDEX framework”</p> <p><u>Prof. Eleni Katragkou</u> Head of Regional Climate Modeling Group, Aristotle University of Thessaloniki, Greece</p>
20/5	<p>“Hydrological forecasting across temporal and spatial scales”</p> <p><u>Dr Aris Koutroulis</u> School of Environmental Engineering, Technical University of Crete, Greece</p>
27/5	<p>“Multiservices of Nature Based Solutions: the contribution of green roofs in cities”</p> <p><u>Dr Cristina Calheiros</u> CIIMAR, Interdisciplinary Centre of Marine and Environmental Research of the University of Porto, Portugal</p>
03/6	<p>“Nature-based solutions for water pollution control a case study in Germany for the treatment of contaminated groundwater at an industrial mega-site”</p> <p><u>Asst Prof. Alexandros Stefanakis</u> School of Environmental Engineering, Technical University of Crete, Greece</p>