

INSA

INSTITUT NATIONAL
DES SCIENCES
APPLIQUÉES
STRASBOURG

C4:e-CREHA

tutors' workshop

05 – 07

May 2022

Climatic Heterotopias & architecture at

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#decarbonization,
#resilience,
#heritage,
#equity

Photo © Lazaros Mavromatis

TU/e EINDHOVEN
UNIVERSITY OF
TECHNOLOGY

NIKU
Norsk institutt for kulturminneforskning

18 88
SOFIA UNIVERSITY
"ST. KLIMENT OHRIDSKI"

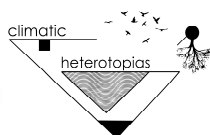
TOBB ETÜ

UNIVERSITÀ
DEGLI STUDI
DEL MOLISE

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-CREHA
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05.05.2022 (room C 3.10)

- 15:30-16:00: *Climatic heterotopia tools*, by Dr Lazaros Mavromatidis (School of Architecture | INSA Strasbourg)
- 16:00-16:20: *Territorial Turn - Plea for a Paradigm Shift in Urbanism in Austria*, by Anna Maria Bagaric (Faculty of Architecture | Graz University of Technology)
- 16:20-16:40: *Climate change & heritage - research and architectural education. Experiences from Poland*, by Dr Magdalena Baborska-Narozny (Wroclaw University of Science and Technology | WUST Institute of Architecture and Urban Planning)
- 16:40: round table discussion
- 17:00-17:30: Maze videogames for cultural heritage by Pr Boyan Bontchev (Sofia University)

06.05.2022 (amphi Elec L 0.28)

- 12:30 -13:00: e-CREHA e-learning course (TU/e)
- 13:00 -13:30: Introducing ISP2 to students (UniMol) -Video of ISP1
- 13:30 -19:00: International jury session * / Joint architectural studio / students' output (all partners). See specific program with details.

07.05.2022 (amphi ARP E 1.01)

- 10:30-11:30: Integrating climatic heterotopia modules in ISP2
- 11:30-12:30: Climate Resilience Heritage in design studio courses: learning from webinar 28/4/2022 by Burçin Yılmaz (TOBB - ETÜ)



The assignment of the studio 2021-2022

The 2021-22 edition of the 4th year Architect-Engineer « *climatic heterotopias* » Architectural Design Studio focuses on decarbonization, resilience and equity working on the subject of the Architecture at Zero international competition. The challenge is to design affordable housing for farmworker families in California's Central Valley. Key aspects of this project include responding to the challenges of equity and resilience through the design solution. To enhance the relevance, qualities and impact of architecture in climate change the architectural design aims to provide an innovative methodology based upon blending learning that focuses on developing climate-resilience for instituting contemporary built heritage across the globe being inspired from the European context. Bringing together the multiple disciplines of architecture and built environment, heritage studies, engineering, design, climate science, and software technologies and informatics the architectural design studio aims to innovate education and to develop a multi-disciplinary knowledge for building a culture of prevention and mitigation (culture of preparedness) to address climate change. For these reasons, even if the case study is geographically located in the USA, the architectural design studio is integrated into the e-CREHA european project in order to develop an ingenious projectual *modus operandi* regarding the conception of a contemporary architectural heritage to the development of climate-adaptive strategies for a resilient society.

Pedagogic Team 2021-2022

Main tutor : Lazaros Mavromatidis (Associate Professor, PhD & HDR Applied Thermal Engineer – Architect Engineer)

Participants : Alexis Meir (PhD Architect), Florence Rudolf (Full Professor, Sociologist, PhD & HDR), Françoise Feugeas (Full Professor, Engineer, PhD & HDR), Nicolas Serres (Associate Professor, Engineer PhD), Anke Vrijs (Associate Professor, Artist PhD)

+ The English teachers who participated in the English course applied to the GC4 project

Invited international Jury Members

- Dr **Luciano De Bonis**, Professor at University of Molise, Italy
- Dr **Rosella Nocera**, Professor at University of Molise, Italy
- Dr **Magdalena Baborska-Narożny**, Associate Professor at Faculty of Architecture, Wrocław University of Science and Technology, Poland
- Dr **Michał Pelczarski**, Associate Professor at Faculty of Architecture, Wrocław University of Science and Technology, Poland
- Dr **Elzbieta Grodzka**, Assistant Professor at Faculty of Architecture, Wrocław University of Science and Technology, Poland
- Dr **Irene Curulli**, Assistant Professor at Eindhoven University of Technology, The Netherlands
- **Anna Maria Bagaric**, Msc, University Assistant at the Institute of Urbanism at TU Graz
- **Sara Berhaman** Msc, Post Doc Researcher at Eindhoven University of Technology, The Netherlands

and online guests

- **Jean-Marie Taoutel & Cynthia Bou Aoun**, School of Architecture, Saint Joseph University of Beirut, Liban
- Dr **Luis Bosch**, Universitat Politècnica de Valencia, Spain
- **Burçin Yılmaz**, Ph.D. Candidate at Eindhoven University of Technology, The Netherlands
- Dr **İrem Küçük**, Lecturer at Gazi University, Turkey
- Dr **Günsu Merin Abbas**, Full-time lecturer at TOBB University of Economics and Technology, Turkey
- Dr **Işıl Ruhi-Sipahioğlu**, Full-time lecturer at TOBB University of Economics and Technology, Turkey
- **Ali Sinan**, TOBB University of Economics and Technology, Turkey

international jury

06.05.2022

- **13:30** : « *inch* », Kerine Le Calve, Solène Peter, Claire Noël, Elora Gounin, Elodie Lemonnier, Lauraline Antoine

Reviewers : Sara Berhaman Msc (TU/e) & Dr Michal Pelczarski (WUST)

- **14:05** : « *Ecommunity* », Mathilde Boillot, Marguerite Calmels, Marjorie De Gentile, Marine Duren, Marie Marchand, Océane Spettinagel

Reviewers: Dr Elzbieta Grodzka (WUST) & Anna Maria Bagaric, Msc (TU Graz)

- **14:40** : « *Take Place* », Florian Bayle, Théo Lajmi, Adrien Jacquet

Reviewers: Dr Luciano De Bonis (UniMol) & Dr Magdalena Baborska-Narożny (WUST)

- **15:15** : « *Engrenages* », Eva Chossat, Lorenzo Chappellaz, Juliette Clavaud, Emilie Mangold, Marie Mutschler

Reviewers: Dr Irene Curulli (TU/e) & Dr Rosella Nocera (UniMol)

- **15:50** : « *De la frappe* », Guillaume Habay, Aurélien Georgel, Louis Lévy, Maximilien Nicodème, Elisabeth Kerrien

Reviewers: Dr Elzbieta Grodzka (WUST) & Sara Berhaman Msc (TU/e)

- **16:20 – 16:30** : Break

- **16:30** : « *Sailing on the street* », Capucine Artiges, Isaline Van Craeynest, Baptiste Vivez

Reviewers: Dr Irene Curulli (TU/e) & Anna Maria Bagaric, Msc (TU Graz)

- **17:05** : « *Rés'eaux* », Noémie Adam, Lisa Combes, Louise Passerat de la Chappelle, Manon Djedaini-Gunepin, Marius Gatto, Théa Scheuer-Rothan

Reviewers: Dr Irene Curulli (TU/e) & Dr Michal Pelczarski (WUST)

- **17:40** : « *Slopes and Thresholds* », Claire Bremond, Théo Goyon, Constance Chalmin, Thomas Rominger, Nadim Mourad

Reviewers: Dr Luciano De Bonis (UniMol) & Dr Michal Pelczarski (WUST)

- **18:15** : « *105* », Jean Bohnert, Raphaël Petit, Mathilde Pourrat

Reviewers: Dr Magdalena Baborska-Narożny (WUST) & Dr Rosella Nocera (UniMol)

18:45: Overall comments and roundtable