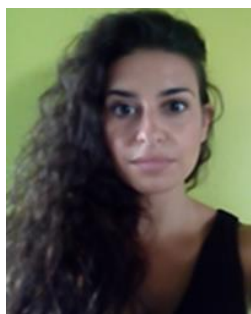


# Katerina A. Lilli

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+30 6977939633

Chania, Greece

Date of Birth: 10/03/1990

## PERSONAL PROFILE

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Katerina Lilli is PhD candidate in EMBER Lab at TUC. She holds a MEng in Structural Engineering and a MSc in Environmental Engineering. As a Research Fellow, she mainly focuses on nature-based solutions research facing a wide range of challenges like unsustainable urbanization and related human health issues. In the last five years, she has participated in various EU H2020 projects like VARCITIES, RECO2ST, ZeroPlus, ThinkNature etc. Her scientific interests also include urban regeneration, climate change mitigation technologies, performance indicators and energy management systems areas. Furthermore, she has experience in building energy modelling and techno economic analysis for energy upgrade alternatives.

## SKILLS

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- Strong motivation for hard work
- Paying high attention to detail
- Flexibility in changing different roles depending on the job's requirements
- Experience of working in a fast-paced environment
- Project management & coordination abilities
- Detailed report preparation
- Liaison with various stakeholders, customers and vendors on a daily basis
- Strong communication & presentation skills

### Computer Software:

MS Office, Energy Analysis Software (EnergyPlus, ENVI-met), Autodesk AutoCAD, Sketchup, Geotechnical Analysis Software (Seismosignal, STRATA, EERA, GeoStudio, Plaxis)

## PROFESSIONAL EXPERIENCE

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### Environmental Engineer-Research fellow Dec 2016 - Present

Technical University of Crete, Chania, Greece

<http://www.ember.tuc.gr>

Participation in EU/H2020 projects:

- H2020-VARCITIES, Visionary Nature Based Actions for Health, Wellbeing & Resilience in Cities.
- H2020-JUST NATURE, Activation of NATURE-based solutions for a JUST low carbon transition.
- H2020-ZERO-PLUS, Achieving near Zero and Positive Energy Settlements in Europe using Advanced Energy Technology.
- H2020-ReCO2ST, Residential Retrofit assessment platform and demonstrations for near zero energy and CO2 emissions with optimum cost, health, comfort and environmental quality.
- H2020-ThinkNature, Development of multi-stakeholder dialogue platform and Think Tank to promote innovation with Nature Based Solutions.

### Main responsibilities:

- Coordination and support actions to multi-disciplinary working teams (day to day H2020 projects management, proposals preparation, clustering activities).
- Production of deliverables.
- Participation in proposals preparation.
- Research Activities.
- Lab assistant in the course "Buildings' Energy Efficiency (8th semester).

### **Environmental Engineer & Public Relations Officer** Oct 2015 – Oct 2019

'Insite Architects Lab' Company, Chania, Greece <http://www.insite-architects.gr>

'Insite Developers Lab' Company, Chania, Greece <http://www.insite-developers.gr>

Maintaining a leading role, including monitoring and design performing on several projects, on both urban and rural residential sector in the area of Chania, as well as tourist accommodation facilities all over the island of Crete.

#### **Main responsibilities**

- Environmental Design Projects:
  - Energy efficiency upgrade projects regarding new and existing structures respectively.
  - Managing time and delivery deadlines.
  - Liaising with clients, contractors, vendors and authorities.
  - Preparing technical reports.
- Public Relations responsibilities:
  - Planning and implementing PR strategies.
  - Communicating with colleagues and key spokespeople.
  - Maintaining and updating information on the company's website.
  - Managing and updating information and engaging with users on social media sites.
  - Preparing and supervising the production of publicity brochures, corporate gifts, direct mail leaflets, promotional videos & photographs.
  - Organizing events.
  - Liaising with and answering enquiries from media.
  - Writing and editing in-house magazines, speeches and articles.

### **Environmental Engineer** Sep 2015 - Jan 2016

'Cretan Energy S.A' Company, Chania, Greece

External associate

#### **Main Responsibilities:**

- Building energy modelling and techno economic analysis for energy upgrade alternatives, regarding Commander Headquarters building in Crete Naval Base, Hellenic Navy.
- Building energy modelling and techno economic analysis for energy upgrade alternatives, regarding two (2) buildings in 110 Combat Wing, Hellenic Air Force, on program LIFE11/ENV/GR/938/MECM.
- Building energy modelling and techno economic analysis for energy upgrade alternatives, regarding one (1) building in Crete Naval Base, Hellenic Navy, on program LIFE11/ENV/GR/938/MECM.

### **Public Relations** Nov 2008 - Jun 2014

Bar-Restaurants, Hotels- Summer Employment, Xanthi & Chalkidiki, Greece

Extensive experience in the public relations sector, always demonstrating outstanding communication skills and teamworking spirit, welcoming clients as well as being responsible for organizing events and excellent day to day client service on a luxurious environment.

#### **Main responsibilities:**

- Planning and implementing PR strategies
- Communicating with colleagues
- Maintaining and updating information on the companies' website and engaging with users on social media sites
- Organizing events

## **EDUCATION**

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**PhDc in Environmental Engineering, 'Analysis of the role and impact of Nature Based Solutions for sustainable urban environment'**, Technical University of Crete, Laboratory: Energy Management in the Built Environment, Oct 2018-Today

**MSc in Environmental Engineering, 'Environmental Management, Sustainable Energy and Climate Change'**, Technical University of Crete, **Grade 9.86/10**, Oct 2014-Oct 2016

Thesis: "Earth to air heat exchanger analysis for building in Technical University of Crete" (Supervisor: D. Kolokotsa, Assistant Professor)

**MEng in Structural Engineering**, Democritus University of Thrace, **Grade 7.03/10, Specialization in the field of Geotechnical Engineering**, Sep 2008-Sep 2014

Thesis: «1D territorial response analysis for the determination of territorial support via synthetic- hybrid seismic movements of the near field and to investigate the variability of analytical parameters: application to the city of Xanthi" (Grade: 10/10, Supervisor: N. Klimis, Associate Professor)

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**OTHER INFORMATION**

**Languages:** Greek (native), English (proficient): Level 1 Certificate in English, University of Cambridge & University of Michigan, German (proficient): Zertifikat Deutsch, Goethe Institut

**Conferences:**

- "TechConnect Europe Innovation Conference & Expo. Connecting Research, Accelerating Innovation. The VARCITIES Project approach", 15-17/11/2021, Malmo, Sweden. Organised by Crowdhelix.
- "The International Congress of City and Regional Planners. The human community in the eye of the future cities' vision, The VARCITIES Project approach", 8-11/11/2021, Doha, . Organised by ISOCARP.
- "Bucharest Forum on Nature-Based Solutions. Re-thinking the Nature of Cities", 2-3/10/2019, Bucharest, Romania. Horizon 2020 initiative organized by ThinkNature.
- "Addressing major societal challenges: climate change adaptation-mitigation, risk management and resilience", 4-5/4/2019, Paris, France. H2020 Clustering Action organized by CSTB and Think Nature, in collaboration with the Municipality of Paris ; Organisation of the session: NBS for risk management across scales: synergies from local to city and regional level.
- "Transforming cities, enhancing wellbeing: innovating with Nature Based Solutions", 16-18/5/2018, A Coruna, Spain. H2020 Clustering Action organized by Connecting Nature, Think Nature and University of A Coruna (Spain), in collaboration with the Municipality of A Coruna and the Dutch Research Institute for Transitions; Organisation of the session: NBS in building, district and city level.
- "11th National Conference on Low Impact Alternative Energy Sources", 14-16/3/2018, Thessaloniki, Greece. Conference Paper Presentation: Earth to air heat exchanger analysis for building in TUC.
- "Nature-Based Solutions: From Innovation to Common-use (NBS 2017)", 24-26/10/2017, Tallin, Estonia. A flagship conference organized by the Presidency of the Estonian Republic of the Council of the European Union.

**Member** of the Technical Chamber of Greece [T.C.G]

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**REFERENCES**

Available upon request.