



COSIMENA Summer School 2018 – 9.-14.9.2018

Modelling Climate Change from a Multidisciplinary Perspective: How can we achieve climate resilience, sustainable mobility, and tourism in the MENA region?

In line with COSIMENA's goal to tackle today's global challenges by fostering scientific collaboration, the COSIMENA Summer School – a cooperation with Freie Universität Berlin – aims at training young researchers to become critical experts on achieving climate resilience and adaptation through scientific innovation. This year's summer school will tackle two of the topics that are vital for all 7 clusters of [COSIMENA](#): **Economy and Ecology**.

Aim and Scope

The interdisciplinary perspective on the interaction between nature, built-environment, economic success, and impact on climate change, is needed to find innovative solutions for tomorrow. Experts on climate modelling, economic development, destination and mobility management, and urbanisation from various German institutions will display approaches, give first hand training of measuring methods, and allow students to explore solutions through a practical approach. All in light of answering the question **"how can we contribute to climate change adaptation and achieve sustainable mobility and tourism under global warming in the MENA region"**.

3 main disciplines will be discussed and explored during the 6-day academic programme:

Climate Science – the science behind it:

- climate change impact
- impact of built-up areas and population
- effectiveness and feasibility of climate change adaptation strategies
- Urban Heat Island mitigation strategies
- evaluation of the effectiveness of adaptation strategies

Mobility – one major cause:

- mobility strategies to mitigate climate change
- reduction of the growing environmental impact of transport systems
- concepts to achieve sustainable mobility

Destination Management – a feasible solution:

- concepts for sustainable tourism and destination management
- the economic potential of sustainable tourism
- reducing the negative effects of tourism
- enhancing sustainable destination management

Logistics

Dates: **9th and 14th September 2018** (arrival on the 8th, departure on the 15th)

Location: the [Alexandria campus of the Arab Academy for Science Technology & Maritime Transport \(AASTMT\)](#).

Travel & Accommodation: The DAAD will take care of travel arrangements and will cover the costs of flights/transport, accommodation, and boarding. In addition, transfer from the airport to the Alexandria campus of AASTMT will be arranged.

In cooperation with
A project by

Freie Universität  Berlin

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

contact us via cosimena@daadcairo.org or visit
our homepage at www.daad.eg/cosimena



Who can apply?

To achieve regional diversity and foster intercultural cooperation between Germany and the MENA region, junior researchers from the **MENA region** and **Germany** are highly encouraged to apply.

Junior researchers should

- currently pursue or have finished a master's programme within the last 5 years
- show a great affinity to innovation and sustainability
- demonstrate prior experience with research in the thematic areas of COSIMENA (such as economy, energy, urbanism)

Preferably from the following disciplines:

Social Sciences / Geography / Sustainable Development / Climate & Environmental Studies / Engineering / Architecture / Urban & Regional Planning / Transportation Planning / Tourism & Destination Management / Development Studies

As well as disciplines related to the COSIMENA [clusters](#): Agriculture, Cultural Heritage, Economy, Energy, Health, Urbanism, and Water

How to apply?

Please apply online at www.daad.eg/summer-school-application

Required documents include:

- your CV in English
- your graduate diploma (if already available) and transcripts
- proof of sufficient English language proficiency (e.g. TOEFL, IELTS, language certificate from your university, proof of enrolment in an English-speaking programme, etc.)
- a motivation letter in English, outlining why you want to take part in the COSIMENA summer school, how you could personally benefit from the programme and what kind of own project you are working on, or planning to work on. The length of the motivation letter should range between 400 - 500 words.
- please note that only complete applications can be considered.

The application deadline is **19th June 2018 by midnight** (Cairo Time, GMT+2) for **German students the deadline is extended to 24th June 2018**. Notifications on the outcome of your application as well as invitations for successful applicants will be send out to the applicants in **mid July 2018**. For more information, kindly visit www.daad.eg/summer-school-2018

About COSIMENA

COSIMENA (Clusters of Scientific Innovation in the Middle East and North Africa) aims to tackle the global challenges presented to us today, by fostering scientific collaboration. It brings together experts from academic institutions, researchers and focal points of industry and government from Germany and countries from the MENA region to discuss relevant topics in fields such as water, health, energy, urbanism and the economy. Organised around various issue-driven clusters, COSIMENA provides a platform for exchange among stakeholders, encouraging especially young scientists and entrepreneurs to engage themselves in networking activities.

In cooperation with
A project by

Freie Universität  Berlin

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

contact us via cosimena@daadcairo.org or visit
our homepage at www.daad.eg/cosimena