

## **TERMS OF REFERENCE FOR STUDENTS PARTICIPATING IN THE WORKSHOP FLOODING: PUBLIC CITY vs. PRIVATE INTERVENTION**

**Delft University of Technology (TU Delft) and BRIGAIID project will organize the  
workshop “FLOODING: PUBLIC CITY vs. PRIVATE INTERVENTION”  
26-30 April 2018, Tirana, Albania**

BRIGAIID project - Bridges the Gap for Innovations in Disaster Resilience is approved and signed by the European Commission on January 2016 and officially launched on May 2016. The BRIGAIID goal is to absorb innovative ideas on 3 main components of climate change, floods, droughts and extreme weather. Between different ideas, the project will select some of them, which will be developed and tested. Successful ideas will be assisted in order to hit the market and made available during natural disasters when they can play their role to reduce or avoid possible damages.

**Project leader of this project is Delft University of Technology (TUDelft).**

The project has 24 partners from different countries of Europe such as United Kingdom, Belgium, Germany, Italy, Spain, Portugal, Romania, Poland, Israel, etc. Most of them are research institutions, academic institutes, small and medium-sized enterprises (SMEs), as well as state institutions.

**National Territorial Planning Agency (NTPA)** is the only Albanian partner in the project and its duty as a government institution is the identification of innovations in the area, facilitating the implementation of project results to local and regional authorities which are most sensitive to the risk associated to climate change. It will also help in testing the products on-site, will provide data to improve innovation, and will help in the distribution campaigns, awareness and marketing of the project.

Delft University of Technology and BRIGAIID Albanian partner (NTPA) will organize a workshop aiming the urban design principles (concept, master plan, public space design) that are developed from the social and technical conditions of the site.

- **Concept:** An analysis of technical conditions and urban planning dynamics that are translated into a spatial idea.
- **Strategy:** Design a strategy to explain the interaction between public and private cooperation
- **Master plan:** The application of the idea to the site.
- **Public space design:** Design of spatial principles for the site.

## **Workshop Goals:**

- Formulate their design perspective that is based in a conceptual or theoretical framework;
- Identify and discuss the synergy between natural conditions and technological potential and possibilities in urban environments;
- Analyze and design infrastructures on a regional scale and on the scale of the section;
- Identify and discuss the tension between public and private development in infrastructures and environments;
- Apply methods concerning the appraisal of sustainable urban environments and infrastructure;
- Demonstrate in a design the connection between the natural system and technical possibilities in urban environments;
- Be able to translate analyses into design and the design into a formal plan;
- Perform inter-disciplinary working.

The workshop will be organized in working base-groups with participation of students from Delft University of Technology (TU Delft) and Albanian students from public and private Universities. According the agenda the workshop will be held in the University of Tirana, Faculty of Civil Engineer (FIN), as well as there will be site visits in three different areas in Tirana city, more vulnerable according flooding problems. The workshop will be organized in English language. Albanian students will receive a certificate for participation.

## **Application method:**

Send your CV and motivation letter to:

[brigaid.albania@planifikimi.gov.al](mailto:brigaid.albania@planifikimi.gov.al) with subject “Workshop TUDELFT & BRIGRID: application name surname”

The selected candidates will be interviewed.

The deadline for the admission of applications is **22/04/2018, at 23:59**.

## **Required skills:**

Candidates must have knowledge and education in one of the following: Hydrology, Hydro-technics, Urbanisms, Architecture, Environment, and Civil Engineer.

They must have previous experiences on-site visits, as well as good communication and information management skills.

The work will be carried out in groups; therefore the ability to actively discuss with colleagues is necessary.

Excellent English communication skills both verbal and written.

Thank you and Welcome!