

**WORKSHOP**  
1-2 September 2017

The **Central Department of Mathematics, Tribhuvan University, Kathmandu, Nepal** is going to organize a two-day “**Preparation Workshop for UK-Nepal Cooperation in Emergency Management Research**” jointly with **Lancaster University, United Kingdom**. The main purpose of this workshop under the theme “**Optimization Models for Disaster Resilience in Nepal**”, is to prepare for a joint research proposal by establishing networks and identifying relevant challenges from the Nepalese side. The program aims to get support for the cutting-edge research and innovation that addresses global issues affecting developing countries.

A key expertise for transport and logistics at Lancaster University in optimisation methods, and experiences of the optimization research group at the Central Department of Mathematics, Tribhuvan University, Kathmandu are expected to meet a research collaboration focus point in emergency preparation, response, and its recovery, where transport and logistics problems need to be faced by a decision maker. It is intended to make use of expertise in modelling these problems, developing solution methods, and providing the decision maker with decision support. Engaging in a dialogue, stakeholders will be able to express their requirements from such optimisation tools. Additionally, through an academic exchange the most recent methods and models that have been developed in the field will be discussed.

**Co-organisers:**

Dr. Marc Goerigk (Lancaster University, UK), and  
Dr. Urmila Pyakurel and Prof. Dr. Tanka Nath Dhamala (Tribhuvan University, Nepal).

## INVITATION LETTER AS SPECIAL GUEST

To

It is our pleasure to inform you that the **Central Department of Mathematics, Tribhuvan University, Kathmandu, Nepal** is going to organize a two-day “**Preparation Workshop for UK-Nepal Cooperation in Emergency Management Research**” jointly with **Lancaster University, United Kingdom** at the following mentioned **date and venue**. The main purpose of this workshop under the theme “**Optimization Models for Disaster Resilience in Nepal**”, is to prepare for a joint research proposal by establishing networks and identifying relevant challenges from the Nepalese side. The program aims to get support for the cutting-edge research and innovation that addresses global issues affecting developing countries.

A key expertise for transport and logistics at Lancaster University in optimisation methods, and experiences of the optimization research group at the Central Department of Mathematics, Tribhuvan University, Kathmandu are expected to meet a research collaboration focus point in emergency preparation, response, and its recovery, where transport and logistics problems need to be faced by a decision maker. It is intended to make use of expertise in modelling these problems, developing solution methods, and providing the decision maker with decision support. Engaging in a dialogue, stakeholders will be able to express their requirements from such optimisation tools. Additionally, through an academic exchange the most recent methods and models that have been developed in the field will be discussed.

We would like to invite you for your valuable presence at the program on **September 1** and express your important views that would support enhancing this research endeavour. We would be obliged if you can assign one presenter for a short presentation relevant to the topic from your office.

We appreciate if you confirm the availability of your valuable time. Please contact the **co-organisers** for more details.

Looking forward in welcoming you at the program,

Prof. Dr. Kedar Nath Uprety  
Head

### **Program:**

Venue: Hotel Himalaya, Lalitpur, Nepal  
Date: 1-2 September 2017, Kathmandu  
Time: 8.00 am onwards

### **Co-organisers:**

Dr. Marc Goerigk (Lancaster University, UK), and  
Dr. Urmila Pyakurel and Prof. Dr. Tanka Nath Dhamala (Tribhuvan University, Nepal).  
Phone: 9841152490 (Prof. Dhamala)