



UNIVERSITY OF
BIRMINGHAM

UNECE – Global Forum for Road Traffic Safety (WP.1)
87th Session, Tuesday 26 September 2023
Palais des Nations, Geneva

Capacity Building for Low and Middle Income Countries

Harry Evdorides,
Dipl-Ing, PhD, EurIng, CEng, MCIHT,
Department of Civil Engineering
University of Birmingham, UK



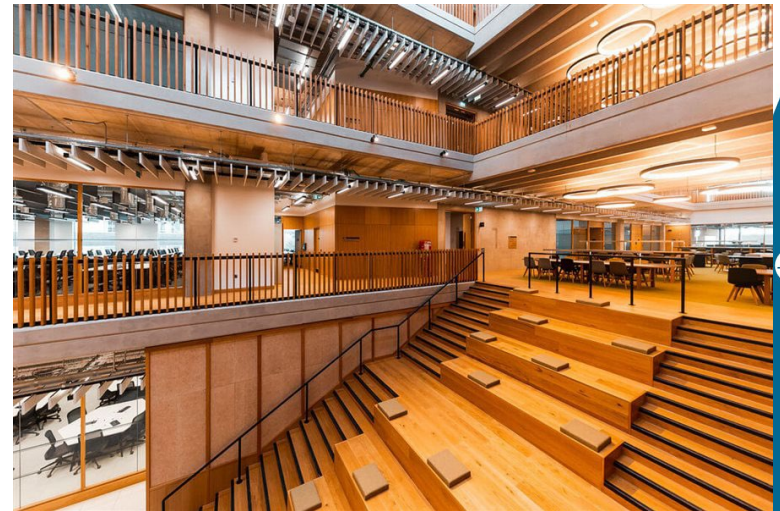
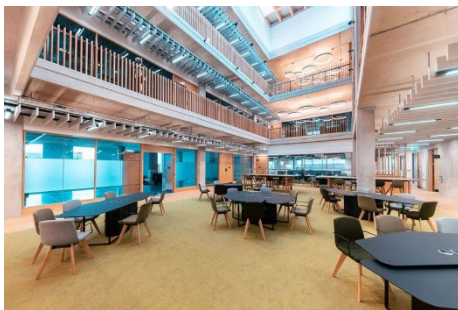
Birmingham, UK



Birmingham



University of Birmingham School of Engineering



Background

- University of Birmingham: a truly international University
- Highways research and education focuses on developing countries
- The Highways area for developing countries established with the financial support from the British Government in the mid 1970s
- We have students from all over the world and primarily Sub-Saharan Africa and South Asia



Capacity Building

- Research
 - PhD programmes
 - Projects
- Education
 - Masters programmes
 - Training (Senior Road Executives Programme)
- Focus of Activities: Sub-Saharan Africa and Asia
- Collaboration



Objectives

- To advocate the need to **focus on low and middle income countries** where most accidents occur
- To recognise that road safety is a **multi-disciplinary issue**
- To state that capacity building should be based on **robust educational procedures**
- To ensure that **training** concerns the appropriate **stakeholders** with the **users** in mind
- To highlight that low and middle income countries have **conditions different** from those found in high income countries



[This Photo](#) by Unknown Author is licensed under [CC BY-NC](#)

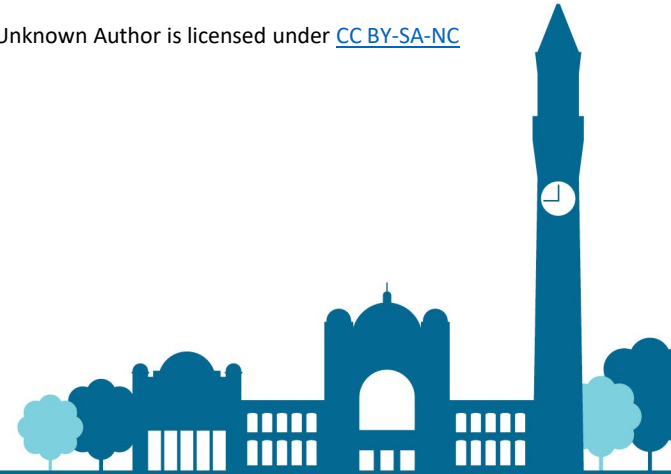


Objectives

- To insist on using **scientific and engineering principles**
- To emphasise the use of **local knowledge and resources**
- To accentuate the need for **data and other evidence**
- To stress ‘**adapt before adopt**’
- To promote **ownership and responsibility**



[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)

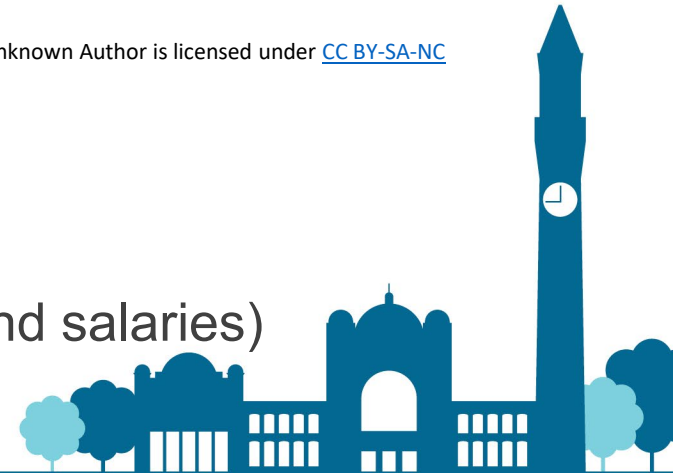


Research-based capacity building

- Focus on LMICs
- Originality
- Innovation
- Dissemination
- Benefits
 - New knowledge
 - Researcher
- Challenges
 - Institutional issues (structures, politics and salaries)
 - Longitudinal studies



[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)



Topics

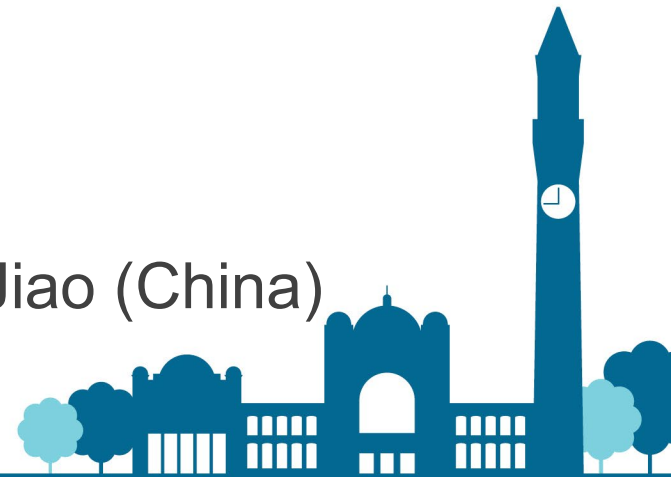


- Road Safety Economics
 - 2nd Generation Road Funds for Road Safety Funding (Malaysia)
 - Social Impact Bonds for Road Safety Funding (Indonesia)
 - Budget optimisation of countermeasures (Uganda)
- Road Safety Management
 - Road Safety Violations (India)
 - Motorcycle Safety (Vietnam)
 - Sustainable Countermeasures (Indonesia)
 - Integrating Road Maintenance with Safety (Malaysia)
 - Public Transport Infrastructure Safety (Jamaica)
 - Countermeasures Optimisation (Iraq)
 - Strategic Planning (Iraq)
 - Pedestrian Safety Data Modelling (UK)



Current PhD Programmes in Road Safety

- Economics –
Ms Charity Nankunda (Uganda)
- Sustainability –
Mr Joel Mubiru (Uganda)
- Pedestrian Safety Modelling –
Mr Buwei He (China)
- Effectiveness of Countermeasures –
Mr Shengqi Liu (China)
- Strategic Management - Mr Bosong Jiao (China)





UNIVERSITY OF
BIRMINGHAM

THANK YOU

Harry Evdorides,

Dipl-Ing, PhD, Eurlng, CEng, MCIHT,
Department of Civil Engineering
University of Birmingham, UK

