Adapting transport infrastructure to climate change: An introduction

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> Introductions
> Structure of the three days
> What are your objectives for the three days
Course structure – Day 1

> Introduction to climate change risk assessment and possible impacts

> Working group session to identify the risks posed to transport assets and road infrastructure by climate change

> Climate resilient roads – adapting the road network

> Definitions and hydrometric data and analysis

> Introduction to hydrology and possible impacts of climate change on rainfall and flood flows
> Concepts and principles in hydraulics
> Introduction to hydraulic structures
> Working group on culvert and drainage design
> Introduction to culvert drainage design - Part 1
> Introduction to culvert drainage design - Part 2
> Assessment of existing culverts
Development of approaches to road drainage

Working groups on the philosophy for drainage design

Introduction to freely available hydrological and software for culvert and road drainage design

Exercises using software
Any questions?

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