

**CAREC Road Safety Engineering –
Pedestrian Safety Online Workshop**

Detailed Workshop Program

Module 1 Tuesday: 14 June		
PEDESTRIANS MATTER!		
Manila time		
1500	Welcome – explaining the objectives of the five module-workshop. Setting the scene, including introduction of participants.	Blaise Murphet Moderator
1510	Welcome remarks	Hideaki Iwasaki, ADB
1515	The Safe System concept and what it means for pedestrians	David Shelton/ADB
1545	The pedestrian safety problem – a review of crash data from across Central Asia. Trends, country differences. The need for good crash data.	Consultant, APRSO
1615	Road safety engineering can do more to assist pedestrians across CAREC. Outlining some of the process’s engineers can use to reduce pedestrian trauma.	Phillip Jordan
1645	The series of ADB/CAREC Road Safety Engineering manuals – their purpose. Show the DLM for the pedestrian manual	Ritu Mishra
1700	Module 1 close	Moderator

Module 2 Thursday: 16 June		
PLANNING FOR SAFE PEDESTRIAN FACILITIES		
Manila time		
1500	Welcome back	Blaise Murphet Moderator
1515	The key steps in planning, designing, and providing safe pedestrian infrastructure. This module will focus on Chapters 1-4 of the CAREC Pedestrian Safety manual, beginning with the need to consider the road hierarchy in the planning, to appreciate the role of “movement and place”. It will look at the most vulnerable groups of pedestrians and will outline the three fundamental approaches to managing the safety of pedestrians when interacting with motor traffic. The importance of speed management will be emphasized, in line with Safe System requirements, and practical advice on the need to traffic calm towns and villages during highway upgrades will be offered.	Phillip Jordan

	This module will emphasize “the road” in pedestrian safety. Two key processes in the road safety engineering profession (how engineers can successfully reduce pedestrian crashes at hazardous locations, and how the safety audit process can make new roads safer for pedestrians) will be outlined to lead into the case studies in modules 3 and 4	
1645	Audit homework. Drawings of a road project will be provided to participants. Participants will be invited to “audit” the drawings, paying attention to pedestrian safety. With guidance from the CAREC Road Safety Audit manual and the Pedestrian Safety manual, they will “audit” the drawings (albeit without a site inspection). Pedestrian safety issues are to be emphasised.	Participants are invited to submit their audit report detailing their main safety concerns before next Tuesday. Responses will be offered at the beginning of Module 4 (Thursday)
1700	Module 2 close	Moderator

Module 3 Tuesday: 21 June

SAFER PEDESTRIAN FACILITIES		
Manila time		
1500	Welcome back, and a short review of Module 2, including questions and comments from participants.	Blaise Murphet Moderator
1530	Providing safe pedestrian facilities. Examples of spatial and temporal separation devices from Chapters 5 and 6 of the Pedestrian Safety manual. The presentation will present several case studies from low-middle income countries to show pedestrian problems sites. Several practical low-cost pedestrian treatments will be discussed	Phillip Jordan
1645	Blackspot homework. Investigating a pedestrian “blackspot”. Two locations that are known to be hazardous for pedestrians will be investigated. Crash data and location drawings for 2 pedestrian “blackspots” will be sent to each participant at the end of this module. Participants will investigate the crash data and will look for crash patterns via the collision diagrams and crash factor matrix before preparing a short report with recommendations to improve pedestrian safety and reduce pedestrian collisions at the sites (albeit without a site inspection).	Participants are invited to submit their blackspot report with their recommendations for pedestrian safety improvements before next Sunday. Responses will be offered at the beginning of Module 5 (next Tuesday)
1700	Module 3 close	Moderator

Module 4 Thursday: 23 June

SAFE PEDESTRIANS – non-engineering issues		
Manila time		
1500	Welcome, and a short review of Module 3, including questions and comments from participants.	Blaise Murphet Moderator

1510	Feedback and comments on the road safety audit homework undertaken by participants after Module 2 (last Thursday). This exercise aimed to emphasize what is possible to assist pedestrian safety in urban and rural areas.	Phillip Jordan
1530	The role of Police enforcement in reducing pedestrian trauma	David Cliff
1600	Assisting disabled pedestrians – much more needs to be done	Phillip Jordan
1630	The role of community engagement in reducing pedestrian trauma	Emma, EASST
1700	Module 5 close	Moderator

Module 5 Tuesday: 28 June

SAFER PEDESTRIAN FACILITIES – urban and rural

Manila time		
1500	Welcome, and a short review of Module 4, including questions and comments from participants.	Blaise Murphet Moderator
1510	Feedback and comments on the two pedestrian blackspots investigated by participants after Module 3 (last Tuesday). This homework was to emphasize what is possible to assist pedestrian safety in urban and rural areas.	Phillip Jordan
1530	Safe Routes To School	Emma, EASST
1600	Helping pedestrians in rural areas	Phillip Jordan
1630	Assisting pedestrians in urban areas	Tolga İmamoğlu, World Resource Institute
1700	Closing Remarks	James Leather, ADB
1705	Module 5 and workshop close	Moderator

NOTES:

- Each module commences at 1500 hours Manila Time.
- The workshop will be presented via Zoom.
- All presentations will be in English or Russian. Simultaneous translation and dual view screens will enable participants to follow the workshop in their preferred language. Participants who feel they need assistance with the language are encouraged to have a friend/colleague assist them as necessary throughout the workshop.
- Questions will be welcomed at any time during any presentation. The workshop will be as interactive as the technology allows, and participants will be encouraged to ask/answer questions and to make inputs.
- A soft copy of the fourth CAREC Road Safety Engineering manual - Pedestrian Safety (2021) will be available to participants (in English, Russian, Chinese and Mongolian)
- Soft copies of the first three CAREC Road Safety Engineering manuals (2018) are available for participants (in English, Russian, Chinese and Mongolian) from the ADB website
- Participants who satisfactorily complete this workshop shall be sent an electronic copy of a certificate.

- Satisfactory completion means:
 - Attendance through the five x 2 x hour modules
 - Satisfactory completion of both sets of homework to the extent that the homework shows a considered professional approach to the subject involved (blackspot and audit).
 - Completion of a workshop evaluation form.

