Safety Audits & Inspections: From Concept to Results
Zagreb, Croatia
June 10-12, 2020

Workshop
Background

Preventive risk assessment measures, such as a road safety audit or inspections, carried out on new and existing roads offer a well-charted and cost-effective pathway to reducing road traffic injury risk, because design standards alone cannot guarantee road safety in all conditions.

Road safety audit and inspections serve the common purpose of identifying risk factors related to road design or traffic control that may lead to crashes, or make crashes more severe. In many cases, they also assist network highway operators and city traffic departments in identifying engineering weaknesses and hazardous locations, even in the absence of robust traffic injury data.

Almost 85% of countries report implementing one or more preventive risk assessment measure, yet over 70% of roads surveyed by the International Road Assessment Program (iRAP) in emerging countries were rated 2 stars or under across at least one user category. These figures suggest a startling disconnect between the theoretical merits of preventive risk assessment and the actual results experienced by countless road users every day.

Learning Objectives

- Focus on road deficiencies that lead to severe and fatal injuries
- Understand the benefits, resources and liability issues associated with preventive risk assessment tools
- Identify data sources available to support decision making and how to overcome integrity & quality issues
- Use advanced methods to forecast and analyse traffic safety conditions
- Learn how to present findings to decision makers and make a compelling case for safety investments that go beyond a check list of possible improvements
- Learn how to prioritize audit findings within a set investment budget

Target Audience

- National Road & Transport Agency Executives
- Highway Engineers and Managers
- Federal and State Road Safety Agencies
- Road Safety Professionals
- Private Consultants & Contractors
Format

How we’ll work together during the course:
• Structured elements for each day, with established timeframes, within a productive learning environment
• Course consists of classroom learning, collaborative group activities, individual learning opportunities, as well as nominated presentation sessions
• Ample opportunity to share ideas, discuss challenges and create solutions and a better way forward together
• Focus on outcomes rather than processes: how can all parties involved in the safety audit & inspection process work together to deliver safer roads?

Venue & Registrations

European Road & Traffic Institute  
Faculty of Transport & Traffic Sciences  
Kuslanova, 2  
Zagreb, Croatia  
Registrations at https://www.irf.global/event/srd20-zagreb  
For any support, please contact bhallem@irf.global

Lead Instructors

Symeon Sakkas, CEng, CSM, RSATL  
MSc(Eng), CSM, RSATL™  
Head of Road Safety  
RACE Consulting Engineers LP (www.race.com.gr)

Symeon is a holder of Master of Engineering Degree in Civil Engineering from the University of Bologna and currently Head of Road Safety at RACE Consulting Engineers LP, an independent regional boutique firm on transportation design and engineering, headquartered in Athens, Greece. As Head of Road Safety he is designing and building the team and the system in order to create value for the firm and the road users. Symeon is highly experienced in major infrastructure projects with a construction budget up to 3 billion $, as Designer, Consultant, Scrum Master. As associate to RACE Consulting Engineers LP, he has been involved in various infrastructure and transportation projects located in Greece and in the EMEA Region, (PPP and Public Sector Projects).
<table>
<thead>
<tr>
<th>Session Timings</th>
<th>DAY 1</th>
<th>DAY 2</th>
<th>DAY 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:30</td>
<td><em>Welcome &amp; Introductions</em></td>
<td><em>Good Morning &amp; Networking</em></td>
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</tr>
<tr>
<td>8:30 – 10:00</td>
<td><strong>Session 1:</strong> Introduction to Risk Diagnosis &amp; Network Safety Management</td>
<td><strong>Session 5:</strong> Stages at which to Conduct Safety Audits</td>
<td><strong>Session 9:</strong> Application of Safety Audits to Vulnerable Road Users</td>
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<tr>
<td>10:30 – 12:00</td>
<td><strong>Session 2:</strong> Making the Economic Case for Road Safety Investments</td>
<td><strong>Session 6:</strong> Selection of Sites for In-Service Inspections</td>
<td><strong>Session 10:</strong> Application of Safety Audits to Vulnerable Road Work Zones</td>
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<tr>
<td>13:00 – 14:30</td>
<td><strong>Session 3:</strong> Mainstreaming Road Safety into New design</td>
<td><strong>Session 7:</strong> Preparing a Compelling Road Safety Audit Report</td>
<td><strong>Group Exercises</strong></td>
</tr>
<tr>
<td>15:00–16:30</td>
<td><strong>Group Exercises</strong></td>
<td><strong>Group Exercises</strong></td>
<td><strong>Course Summary &amp; Evaluation Certificate &amp; Close</strong></td>
</tr>
</tbody>
</table>