IRF GLOBAL

Road Safety Audits:

From Concept to Results

Comprehensive and certified training

Online Training
October 13-23, 2025

Online Training

20 Professional Development Hours

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Online Workshop

Background

Road safety audits serve the 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 surveyed by the World Health Organization currently report implementing road safety audits or inspections, and it is important for all road safety professionals to understand how to design and implement them correctly for maximum safety benefits.

This course includes access to the **IRF Road Safety Audit Team Leader Certification Program**.

Why Online?

- Earn 20 Professional Development Hours
- Expert training by professionals for Professionals: access IRF's unique curriculum and lectures developed by world-class specialists
- Accelerated learning processes: get up to speed and gain new insights in less time and with no travel constraints
- Full access to learning materials and session recordings
- Small classrooms & scheduled One-on-One sessions with instructors
- Self-paced options available
- Interactive group projects and case studies
- Receive IRF Certification

Format

The lectures will be taught over a two-week period, with eight live 2.5-hour online sessions held Monday through Thursday from 1:00PM to 3:30PM. Upon completion of the training program, the IRF will administer an online knowledge test. Participants with a score of 80% of the exam will be awarded with a certificate verifying their successful completion of the course.

Learning Objectives

- ✓ Focus on road deficiencies that lead to severe and fatal injuries
- ✓ Understand at which stages and how to conduct road safety audits
- ✓ Understand the benefits, resources, and legal issues associated with road safety audits
- ✓ Identify data sources available to support the work of road safety auditors
- ✓ Use advanced methods to forecast and analyze traffic safety conditions
- ✓ Learn how to present findings to decision-makers and make a compelling case for safety investments
- ✓ 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

Schedule

Monday through Thursdays (13:00–15:30 US EST, 19:00–21:30 CET, 22:00–00:30 GST)

Monday, Oct 13	• Introduction to the safe system approach • Introduction to road safety audits • Making the Economic Case for road safety investment / Introduction to CBA
Tuesday, Oct 14	• Appraising risk on the road network: methods for network screening • Introduction to Crash Data Collection, Modelling & Analysis • Surrogate Data Collection, Modelling & Analysis
Wednesday, Oct 15	• Introduction to Human Factors in Road Design • Organizing an audit team • How to conduct a field observation
Thursday, Oct 16	• Stages at which to conduct an RSA or RSI • Routine & complex audits • Case Studies
Monday, Oct 20	• Roadside safety • Signs & Pavement markings • Traffic Signals • Auditing a road work zone
Tuesday, Oct 21	• Urban vs. Rural issues • Applications to vulnerable road users • Legal issues with RSAs • Using safety manuals and prompt lists
Wednesday, Oct 22	• Drafting & presenting an audit report • Following up on recommendations • Before & after analyses • IFI perspective: Mainstreaming road safety into new road projects
Thursday, Oct 23	• Virtual inspection • Using simulation tools • Final review

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.

IRF GLOBAL

International Road Federation

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