



Safer Roads by Design™

An Introduction to Engineering
Fundamentals for Road Safety Auditing

Dubai, UAE
March 13-17, 2016



ABOUT THE IRF

The International Road Federation, established in Washington, D.C. in 1948, is a non-governmental, not-for-profit organization with the mission to encourage and promote development and maintenance of better, safer and more sustainable roads and road networks worldwide. Working together with its members and partners, the IRF promotes the social and economic benefits that flow from well-planned and environmentally-sound road transport networks; it helps put in place technological solutions and management practices that provide maximum economic and social returns from national road investments.

The IRF has a major role to play in all aspects of road policy and development worldwide:

- For governments and financial institutions, the IRF provides a wide base of expertise for planning road development strategy and policy.
- For its members, the IRF is a business network, a link to external institutions and agencies, such as the United Nations and the European Union, and a platform to communicate with and access government officials and decision makers.
- For the community of road professionals, including national road associations, advocacy groups, companies and institutions dedicated to the development of road infrastructure, the IRF provides support and knowledge.

Through the International Road Educational Foundation, the IRF awards grants to graduate engineers and other transportation professionals from around the world in support of full-time academic training. With this, the IRF actively supports future generations of industry leaders.

The International Road Federation also takes pride in honoring and recognizing road-industry projects demonstrating excellence and innovation in road development worldwide, via the Global Road Achievement Awards program. The competition, designed to elicit information on successful projects and programs from leading industry organizations, will draw attention to these leading projects and organizations, providing a road map for others to follow in continuously improving and advancing road development worldwide.

With a wide network spanning 118 countries across six continents, the IRF believes that it can make a difference by providing best practices and expert advice to face today's multifaceted world of transport.

THIS SEMINAR IS IDEAL FOR:

- Road Authorities
- Concessionaires
- Road Design Consultants
- Contractors
- Distributors
- Representatives
- Maintenance Personnel
- Law Enforcement
- Academia



SAFER ROADS BY DESIGN™ EXECUTIVE SEMINAR

The Safer Roads by Design™: Across Six Continents certified training program is one of the most comprehensive road safety training programs in the world. Experts from a variety of countries will present best practices and state of the art technologies in Roadside Safety, Work Zone Safety, Vulnerable User Safety, Traffic Management and Road Safety Audits over a five-day period. The purpose of this training program is to help road authorities understand what can be done to help them meet their Decade of Action commitment to reduce fatalities 50 percent by 2020. The training program will focus on: Roadside Safety, Work Zone Safety, Vulnerable User Safety, and Road Safety Audits.

Roadside Safety

Attendees of this annual IRF Executive Seminar will be exposed to all aspects of Roadside Safety, including longitudinal barriers, crash cushions, terminals and transitions. They will be introduced to the existing products, and they will be taught the importance of site specific data to determine the most appropriate product for a particular application.

Upon completion of the Roadside Safety training, attendees will have a clear understanding of methods to identify dangerous roadside hazards and options for eliminating them. They will be aware of the best practices and state of the art technologies that can be used to make roadsides safer.

Work Zone Safety

Attendees will learn how to design a safe work zone and they will learn about the newest technologies for work zone safety. How to use positive protection, truck mounted attenuators, dynamic, variable message signs and flagger training will be among the topics discussed.

Upon completion of the Work Zone Safety training, attendees will be aware of MUTCD recommended procedures to design safe work zones. They will be exposed to different technologies and methodologies which can be used to make work zones safer.

Vulnerable User Safety

Vulnerable User Safety is a significant issue for many countries, especially developing countries. This seminar will discuss the reasons pedestrians, bicyclists, motorcyclists, public transportation vehicles and non-motorized vehicles are involved in impacts that result in fatalities and serious injuries. The corrective actions that can be taken to reduce these impacts will be discussed in detail.

Upon completion of the Vulnerable User Safety training, the attendees will understand the issues facing pedestrian, bicyclist, motorcyclist, public transport and non-motorized vehicle safety. Attendees will be presented different strategies which can be used to improve safety for all vulnerable users.

Road Safety Audits

Road Safety Audits are required in many countries and their use is becoming more popular every day. Attendees will be introduced to the concept of road safety audit and taught how to create a road safety audit team.

Upon completion of the Road Safety Audit training, attendees will understand what a road safety audit is, the different stages of road safety audits and how to conduct a road safety audit. Attendees will comprehend the steps involved to organize and implement an effective road safety audit.

HOTEL INFORMATION

Radisson Blu, Downtown Dubai

Dubai, UAE 115138

T. +971 (4) 4502000

<https://www.radissonblu.com/en/hotel-dubaidowntown>

BOOK USING THE IRF'S SPECIAL RATE

VISIT: <https://goo.gl/bROIES>



LEAD INSTRUCTOR



Mike DREZNES, International Road Federation, USA

Michael G. Dreznes assumed his current position of executive vice president of the International Road Federation in February of 2012. Dreznes has spent the last 30 years working to make the roads safer around the world. He is recognized as one of the world's leading experts on roadside safety promoting the concept of "Forgiving Highways," and has conducted multiple road safety training seminars in more than 50 countries around the world.

FEATURED SPEAKERS



Phil CLARKE - Principal Road Safety Consultant - TRL

Phil has been based in the UAE office of the Transport Research Laboratory (TRL) for over 3 years, currently working on several projects, including Main Roads Incident Management, seconded to the Abu Dhabi Department of Transport. He is overseeing the transition to a new service provider, including the Patrol Officer training, vehicle specification, equipment, command & control systems, performance monitoring and reporting. He was part of the Team which conducted the recent Government of Dubai Roads & Transport Authority (RTA) Tram Safety Review, which included the development of a 5 year Tram/Traffic Safety Strategy and Action Plan. He was also a key member of the Team which undertook the RTA led Incident Management Assessment for the Emirate of Dubai. Phil is also working with Dubai Municipality in relation to improving road safety for staff within the Horticulture and Waste Management Departments, who work in the highway environment.



Ben DUNCKER, Director - International Sales, Highway Care Ltd, UK

Ben has been involved in road safety industry since 2003, joining Highway Care from college and was named Director in 2013. He has been responsible for Highway Care's International Sales operations for the since 2010, helping to introduce innovative road safety products into the Middle East, Asia and Australasia. Ben gained extensive experience in the use of temporary barriers for work-zones, as well as Truck Mounted Attenuators (TMA's), guardrails and cable barriers through his eleven plus years in the road safety industry. Highway Care is a United Kingdom supplier and installer of road safety products, such as TMA's, crash cushions and terminals, as well as an international supplier of a range of work-zone and cable barriers.



Saman NAZIRI, Middle East Head, Sensys Gatso Group

Saman Naziri is the current Middle East head of Sensys Gatso Group, the global leader in traffic safety solutions delivering systems, software and services primarily for automatic traffic enforcement. Saman has a background within the Swedish Trade & Invest Council where he mainly worked with growing and promoting Swedish companies within the transportation sector in Sub-Saharan Africa and the MENA region.

SUNDAY
MARCH 13
DAY 1

7:00	Breakfast (Breakfast Room)
7:45	Registration
8:00	Introduction and Welcome
8:30	Fundamentals of Road Safety
10:30	Networking Break
10:45	Road Safety Glossary: Breakaway Devices; Longitudinal Barriers
13:30	Introduction Lunch
15:30	Crash Cushions; Terminals and Transitions
18:00	Roundtable Discussion
18:55	Adjournment

MONDAY
MARCH 14
DAY 2

7:00	Breakfast (Breakfast Room)
8:30	Fundamentals of Work Zone Safety; Truck Mounted Attenuators (TMAs)
11:00	Networking Break
11:20	Real World Work Zone Experiences in Dubai
12:30	Lunch
13:30	Abu Dhabi Work Zone Manual
14:30	Positive Protection in the Work Zone
15:30	Networking Break
16:15	New Innovations and Electronic Enforcement Technologies for Work Zone Safety
16:55	Overview of the Five Elements of a Work Zone
18:15	Summary and Roundtable Discussion
18:55	Adjournment
19:00	
-	Hat Exchange Dinner
22:00	

TUESDAY
MARCH 15
DAY 3

7:00	Breakfast (Breakfast Room)
8:30	Defining a Vulnerable User; Introduction to Infrastructure Safety Management
9:45	Real World Vulnerable User Safety Experiences
10:40	Networking Break
11:00	Segment Issues & Countermeasures for Vulnerable Users: Pedestrians
13:15	Lunch
14:15	Segment Issues & Countermeasures for Vulnerable Users: Bicyclists, Motorcyclists, Public Transit Users, Others
16:15	Networking Break
16:45	Police Corruption: The 800 Pound Gorilla in the Room
17:25	Building Local Knowledge Capacity
17:55	What is the IRF?
18:15	Effective Leadership
18:55	Summary and Roundtable Discussion
19:15	Adjournment

WEDNESDAY
MARCH 16
DAY 4

7:00	Breakfast (Breakfast Room)
8:30	Introduction to Road Safety Audit
10:30	Networking Break
10:50	Introduction to Road Safety Audit (continued)
12:30	Lunch
13:30	Conducting a Road Safety Audit
15:30	Networking Break
16:00	Conducting a Road Safety Audit (continued)
18:05	Roundtable Discussion
18:45	Adjournment

THURSDAY
MARCH 17
DAY 5

7:00	Breakfast (Breakfast Room)
8:30	Preparing a Road Safety Audit Summary Report
10:30	Networking Break
10:50	Presenting a Road Safety Audit Summary Report
12:30	Lunch
13:30	Roundtable Summary Discussion
15:30	Networking Break
15:45	Final Oral Exam
18:00	Certificate Presentation and Closing Ceremony for Week 1
18:45	Adjournment

Important Note:Registration can also be completed online at: www.irfnews.org/event/srd16-dubai

Safer Roads by Design™: Dubai, March 2016

Registration
FOR OFFICE USE ONLY
Payment Received Date
Contact Information

REFERENCE CODE (IF APPLICABLE)		YEAR	MONTH	DAY
LAST NAME		MOBILE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
FIRST NAME		OFFICE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
EMAIL		FAX NUMBER (WITH COUNTRY CODE)		
ORGANIZATION NAME	JOB TITLE	ORGANIZATION WEBSITE		
ORGANIZATION ADDRESS				
CITY	STATE/ PROVINCE	POSTAL CODE	COUNTRY	
ORGANIZATION CATEGORY				
Government	Academia	Industry Association	Private Sector	

Additional Registrants *(please list the names of any additional delegates you are registering)*

LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE

Registration Rates *(check the one box that applies; all amounts in US dollars)*

IRF MEMBERS US \$3,000 per person	NON MEMBERS US \$3,500 per person	GROUPS OF 3 OR MORE US \$3,250 per person
---	---	---

Rates valid through February 24. Late / on-site registrations are subject to an additional 10% fee.

VISA INVITATION
Do you require a visa invitation letter? Yes No

Payment

PAYMENT TYPE Invoice Check Credit Card	CARD TYPE Visa MasterCard AMEX	CARD NUMBER
CARD EXPIRATION DATE (MM/YY)	CARD SECURITY CODE	NAME ON CARD
AMOUNT TO BE CHARGED (IN US DOLLARS)	TODAY'S DATE (YYYY/MM/DD)	SIGNATURE

By signing this document, I agree to comply with the Terms and Conditions applicable to IRF Events and provide full release of my likeness and voice to be used for promotional purpose by the IRF. This release covers photos and videos taken during the event.

PRINTED NAME	SIGNATURE (IF FAXING)	DATE OF APPLICATION (YYYY/MM/DD)
--------------	-----------------------	----------------------------------

Important Note:Registration can also be completed online at: www.irfnews.org/event/srd16-dubai

SPONSORS



GIBRALTAR



Highway Care

www.highwaycare.co.uk



LINDSAY[™]
TRANSPORTATION SOLUTIONS



TrafFix Devices, Inc.



TRANSPO[®]
INDUSTRIES, Inc.
www.transpo.com



TRINITY
HIGHWAY
INTERNATIONAL

GLOBAL

KNOWLEDGE • SOLUTIONS • EDUCATION
BUSINESS OPPORTUNITIES • BEST PRACTICES



Building Industry Partnerships

Better Roads. Better World.



International Road Federation

GLOBAL HEADQUARTERS

Madison Place

500 Montgomery Street, Suite 525

Alexandria, VA 22314 USA

Telephone: +1 703 535 1001 Facsimile: +1 703 535 1007