

C12 Work Zone Safety

Expert training by professionals, for professionals

**Doha, Qatar
November 13-14, 2016**





ABOUT IRF

Our Mission: Building Partnerships.

We assist countries in progressing towards better, safer and smarter road systems.

We develop and deliver world-class knowledge resources, advocacy services, and continuing education programs, which together offer a global marketplace for best practices and industry solutions.

We serve a wide range of member organizations from both the public and private sectors of the road and transport industry. Together, we form a global network for information exchange and business development.

We invest in the next generation of transport leaders. Since 1949, the IRF has awarded educational scholarships to individuals in 119 countries to pursue careers in the road and transport industry.

Our Vision: Better Roads. Better World.

We believe that well-planned, safe, accessible and environmentally sound road networks are fundamental building blocks for human and economic development.

We are committed to increasing road and transport investments to meet the demands for safe and efficient travel and flow of goods and services to help improve the lives of people worldwide.

We engage with governments, development institutions, businesses, and academia around the world to make our vision a reality.

Our Organization

The International Road Federation is a global not-for-profit organization, headquartered in Washington, DC since 1948 and supported by regional offices throughout the world. The IRF serves a network of public and private sector members in more than 70 countries by providing world-class knowledge resources, advocacy services, and continuing education programs which together offer a global marketplace for best practices and industry solutions.

The International Road Federation does not recognize any legal affiliation, or programmatic collaboration, with the IRF Geneva Programme Centre or its chapter in India.

COURSE DESCRIPTION

Motorists constitute more than eighty percent (80%) of the fatalities in work zones. Road Authorities are responsible for the safety of these motorists and they must establish and enforce the criteria that contractors must follow to design a safe work zone.

Attendees are exposed to the concept of the “Five Elements of a Work Zone” and each of these elements are discussed in detail to understand what must be done to make them safe for motorists as well as workers. Attendees will learn how to design a safe work zone and they will learn about the newest technologies for work zone safety. The use of positive protection from crash worthy barriers, truck mounted attenuators, dynamic, variable message signs, average speed camera enforcement and flagger training will be among the topics discussed.

The Qatar Work Zone Traffic Management Guide will be discussed in detail.

COURSE OUTCOMES

- Understand that the road authority is responsible for the safety of its motorists in a work zone
- Comprehend how to design a safe work zone for both motorists and workers by using best practices and state of the art technologies and concepts in each of the five work zone elements
- Understand the current status of work zone safety in Qatar
- Learn how to use the Qatar Work Zone Traffic Management Guide as well as the process to submit a traffic control plan for approval by the authorities
- Learn about global best practices and state of the art technologies and concepts for work zone safety

TARGET AUDIENCE

- Road Agency Executives
- Highway and Street Engineers
- Traffic Safety Professionals
- Planners
- Design Consultants
- Law Enforcement
- Research & Academia
- Contractors
- Road Product Suppliers & Distributors

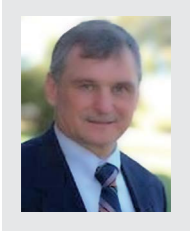
DAY 1 – SUNDAY, NOVEMBER 13

- 08:30-10:30 **Current Status of Work Zone Safety in Qatar**
Review of the Qatar Work Zone Traffic Management Guide
- 10:30-11:00 Break
- 11:00-12:30 **Introducing the Concept of the “Work Zone Battlefield”**
- 12:30-13:30 Lunch
- 13:30-15:30 **Portable Longitudinal Barriers**
Truck Mounted Attenuators
- 15:30-16:00 **DAY 1 WRAP-UP**

DAY 2 – MONDAY, NOVEMBER 14

- 08:30-10:30 **Real World Work Zone Safety Experience in Qatar - A Contractor’s Perspective**
- 10:30-11:00 Break
- 11:00-12:30 **Hands-on Review of State of the Art Work Zone Safety Devices**
- 12:30-13:30 Lunch
- 13:30-15:00 **The Importance of Proper Signage in a Work Zone**
The Five Elements of a Work Zone
- 15:00-15:30 **DAY 2 WORKSHOP CONCLUSIONS & CERTIFICATES**

LEAD INSTRUCTORS



Mike Dreznes

Executive Vice President, International Road Federation (USA)

Michael G. Dreznes assumed his current position of Executive Vice-President of the International Road Federation (IRF) in February of 2012. Dreznes has spent the last thirty years working to make the roads safer around the world. He is recognized as one of the world's leading specialists on roadside safety promoting the concept of "Forgiving Roads," and has conducted multiple road safety training seminars on roadside safety, work zone safety, vulnerable user safety and road safety audit in more than sixty countries around the world.

Mr. Dreznes is the Co-Chairman of the Transportation Research Board (TRB) AFB20 (2) Roadside Safety Sub-Committee on International Research Activities, Co-Chairman of the United Nations Road Safety Collaboration (UNRSC) Decade of Action Pillar 2: Safer Roads and Mobility Project Group, a member of the PIARC Road Safety Technical Committee 3.2 Design and Operation of Safer Road Infrastructure, a member of TASK FORCE 13 Committee on Work Zone Safety.

In January 2015, Mr. Dreznes was named the winner of the prestigious TRB AFB20 Roadside Safety Design Kenneth Stonex Lifetime Achievement Award.



Oliver Pulling

Applications Engineer, Highway Care Ltd. (UK)

Mr. Pulling is a Field Applications Engineer for Highway Care and provides technical support, guidance and training for a range of vehicle restraint systems used throughout the world. He has made presentations on proper barrier selection, installation and maintenance in multiple countries around the world

Mr. Pulling is employed by Highway Care. Highway Care is a United Kingdom supplier and installer of road safety products, such as Truck Mounted Attenuators (TMA,) crash cushions and barrier terminals, as well as an international supplier of a range of tested and approved work zone barriers and wire rope barriers.

Mr. Pulling has assisted Highway Care with major projects including the installation of Armorwire Wire Rope on the Temporary Truck Route & Salwa Road (Qatar), the installation of portable steel BarrierGuard 800 on the M3 (United Kingdom) & Gateway Western Australia.

Important Note:

Registration can also be completed online at: www.irf.global/event/c12-work-zone-safety-doha



C162 Work Zone Safety: Doha | November 13 – 14, 2016

Delegate 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

Registration Rates *(check the one box that applies; all amounts in US dollars. Prices are per person)*

IRF MEMBERS: **US \$1,500**

NON MEMBERS: **US \$1,800**
(Non-Qatari Attendees)

QATARI ATTENDEES: **Please contact Dr. Wael K. M. Alhajyaseen**
wyaseen@qu.edu.qa

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.irf.global/event/c12-work-zone-safety-doha

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • INDUSTRY SOLUTIONS



**Building Industry
Partnerships**

Better Roads. Better World.



www.IRF.global

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