



IRF
GLOBAL

Safe Roads By Design® Making Roads Safe for All Road Users

Expert training by professionals, for professionals

**Washington, DC, USA
April 22-26, 2024**



Workshop



Safe Roads By Design®
“Making Roads Safe for All Road Users”
April 22-26, 2024

Background

The Safe System approach revolutionizes road safety by rejecting the belief that deaths and serious injuries are inevitable outcomes of human error in traffic. This innovative perspective underscores the vital role of well-designed and meticulously maintained roads in significantly reducing the likelihood of accidents. Safe System roads are inherently 'forgiving,' designed to lessen the severity of accidents when they do occur.

Choosing the right road safety measures is crucial, often meaning the difference between life and death. Decision-makers must possess a deep understanding of various safety systems and design approaches, be conversant with relevant standards, and have an intimate knowledge of the specific conditions of the intended implementation sites. This course provides an in-depth exploration of the latest knowledge in road safety and introduces methodologies for selecting and applying the most suitable road engineering solutions to specific site conditions.

Participants who successfully complete this workshop will be eligible for the IRF Road Safety Practitioner Certification (RSP) and/or the IRF Road Safety Audit Team Leader Certification (RSATL), marking a significant step in their professional development in road safety.

Learning Objectives

- ✓ Prioritize identifying and addressing road deficiencies that contribute to serious and fatal injuries.
- ✓ Gain a deep understanding of the principles of human-centric road design.
- ✓ Develop skills to choose appropriate traffic control devices tailored to specific site conditions.
- ✓ Locate and utilize various data sources to enhance the effectiveness of road safety professionals.
- ✓ Acquire comprehensive knowledge of national and international reference manuals, and apply them effectively.
- ✓ Master advanced techniques for predicting and analyzing traffic safety outcomes influenced by design choices.
- ✓ Learn effective strategies for presenting safety findings to decision-makers and convincingly advocating for safety investments.

Target Audience

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

Lead Instructor



John B. Griffith, Jr., PhD

John is a highly experienced Road Safety Audit Team Leader with a 35-year background in law enforcement. A Traffic Crash Investigator and Highway Crash Reconstructionist, Dr. Griffith's experience in both the civilian and military milieu has taken him to over 55 countries in his career, giving him a great deal of insight into factors that play into highway crashes. John brings his experience in Investigations, Road Safety Audits, Highway construction and active Road Safety Best Practices, coupled with decades of experience in International Business, Project Management and Curriculum and Training Development. John has also given numerous road safety presentations to international audiences with the International Road Federation, ATSSA, UNITAR and CIFAL. John is an independent consultant in Highway Safety and the Vice President of a highway Safety Barrier manufacturing company. He is a Committee Member with the American Traffic Safety Services Association, a certified IRF Road Safety Audit Team Leader, a John C. Maxwell certified Executive Trainer and a decorated US Army combat Veteran.

Registration

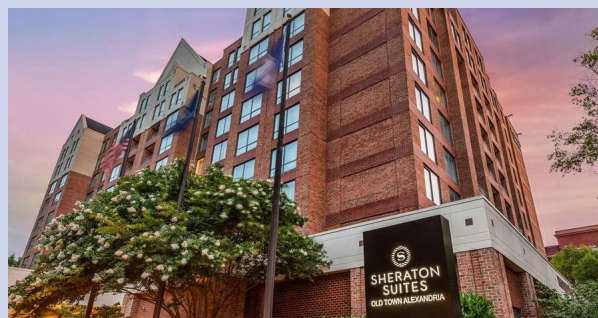
- 2,500 USD IRF Members / Groups of 3 or more
- 3,000 USD Non-IRF Members

Seminar Hotel:

Sheraton Suites Old Town Alexandria
801 North Saint Asaph Street,
Alexandria, Virginia 22314 USA
Tel: +1 703 836 4700

Website:

<https://www.marriott.com/hotels/travel/wassi-sheraton-suites-old-town-alexandria/>



Registration: <https://www.irf.global/event/srd24-ws-dc/>

For any support, please contact melabyad@irf.global

Learning Modules

April 22 (Monday): Fundamentals and Structures

- 9:00 AM: Introduction to the Fundamentals of Road Safety
- 10:30 AM: Networking Break
- 11:00 AM: “Forgiving” Poles and Roadside Structures: Design and Implementation
- 12:30 PM: Group Lunch
- 1:30 PM: Longitudinal Barriers: An Introduction
- 2:45 PM: Crash Cushions A-Z: Understanding Impact Mitigation
- 3:30 PM: Networking Break
- 4:00 PM: Terminals and Transitions: Safeguarding Road Ends
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April 23 (Tuesday): Work Zone Safety

- 9:00 AM: Fundamentals of Work Zone Safety
- 10:00 AM: Truck Mounted Attenuators (TMAs): Application and Benefits
- 10:45 AM: Networking Break
- 11:15 AM: Real-World Work Zone Experiences: Case Studies
- 12:30 PM: Improving Flagger Safety in the Work Zone
- 1:30 PM: Lunch Break
- 2:30 PM: Real World Work Zone Experiences (Continued)
- 3:30 PM: Networking Break
- 4:00 PM: Signage and Delineation in Work Zones: Best Practices
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April 24 (Wednesday): Vulnerable Road User Safety

- 9:00 AM: Defining a Vulnerable Road User: Concepts and Context
- 10:00 AM: Introduction to Infrastructure Safety Management
- 10:45 AM: Networking Break
- 11:15 AM: Real World Vulnerable User Safety Experiences
- 12:30 PM: Segment Issues & Countermeasures for Pedestrians
- 1:30 PM: Lunch Break
- 2:30 PM: Countermeasures for Vulnerable Users - Bicyclists, Motorcyclists, Public Transit Users, Others
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April 25 (Thursday): Road Safety Audit

- 9:00 AM: Introduction to Road Safety Audit
- 10:00 AM: Innovative Funding Mechanisms for Road Safety Projects
- 10:45 AM: Networking Break
- 11:15 AM: Conducting a Road Safety Audit: Process and Techniques
- 12:30 PM: Lunch Break
- 1:30 PM: Road Safety Audit Group Project
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April 26 (Friday): Certification and Conclusion

- 9:00 AM: Presenting a Road Safety Audit Summary Report
- 10:00 AM: Effective Leadership in Road Safety
- 10:45 AM: Networking Break
- 11:15 AM: IRF Global Credentials Qualifying Knowledge Practice Exam
- 12:30 PM: Lunch Break
- 1:30 PM: Roundtable Summary Discussion
- 2:30 PM: Final Oral Exam
- 3:30 PM: Certificate Presentation and Final Closing Ceremony