



**IRF**  
GLOBAL

# Sustainable Finance and Resilience Investing in Road Infrastructure

Online Training  
April 4 - 14, 2022



## Online Training

16 Professional Development Hours



# Sustainable Finance and Resilience Investing in Road Infrastructure

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Online Workshop

## Background

This course will provide an overview of infrastructure sustainable finance and resilience investing with particular attention to projects and assets in the road sector. Global markets are currently evolving in response to consumer demand for better environmental and social governance, as well as proactively responding to climate change and decarbonization as addressed in the UN Sustainable Development Goals. Meanwhile, the traditional means of infrastructure funding continues to fall short of demand for new projects, while existing assets continue to suffer increases in deferred maintenance accounts on public balance sheets. From Green Bonds to Resiliency Bonds, this course is designed to help infrastructure professionals approach these two seemingly disparate trends by studying contemporary approaches, methods, and techniques that avail new sources of infrastructure finance while meeting the challenges of sustainability and resiliency.

### Why Online?

- Earn 16 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 live 2-hour on-line sessions held Monday, Tuesday, Wednesday, & Thursday. Upon completion of the training program, the IRF will administer an on-line 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

The course is designed to support participants' learning objectives in the following areas:

- Develop a deeper understanding of why and how sustainable finance and resiliency investments can improve the delivery, operations, and management for road infrastructure projects and networks
- Explore the commonalities and differences between sustainability and resiliency programming and how funding and financing are linked
- Learn new technical skills, techniques, and procedures used by practitioners and industry experts from around the world
- Explore policies, procedures and programmatic approaches to funding and financing sustainable and resilient infrastructure
- Engage in case studies and practical exercises to apply workshop learning to real problems and issues in your road market, program, and projects

## Target Audience

- National Road & Transport Agency Executives
- Highway Engineers and Managers
- Federal and State Road Safety Agencies
- Project Implementation Units
- Private Consultants & Contractors

## Instructors



**Eric Dean Cook**  
**Senior Advisor, IRF**

*Eric Dean Cook, PE* is a Senior Advisor for the International Road Federation. Since 2008, Eric has served as a trainer, speaker, moderator, facilitator and fellow colleague at numerous IRF workshops, panels, forums and trade visits. Eric is the current Chair for the IRF Committee on Alternative Finance & Procurement.

Eric is a registered professional civil engineer and has technical experience in project planning and design engineering, field experience in construction supervision and delivery audits, and management experience in infrastructure asset performance and organizational development. Eric holds a BS Civil Engineering from Virginia Tech, an MBA from the University of Manchester, and a MS in Finance from Indiana University.



**Tatiana Compton**  
**President and Director of Sustainable Development and Finance**  
**Phoenix Frontiers**

*Tatiana Compton* leads the Sustainable Development and Finance practice at Phoenix Frontiers. Her professional field of practice is international development, social impact, environmental science, and sustainable communities. She has 15 years professional experience conducting field assessments and socio-environmental impact planning for development projects in the health and sustainable community sector. Tatiana is a native English speaker with fluency in French. She holds a BA in History from the University of Birmingham and an MA in International Relations from Brunel University London.

## Schedule

Mondays, Tuesdays, Wednesdays & Thursdays (09:00 AM–11:00 AM US EST / 2:00 PM–4:00 PM GMT)

Monday, April 4	<ul style="list-style-type: none"><li>• Overview of Sustainable Infrastructure and Resilient Infrastructure</li><li>• Current State of Policies and Procedures</li></ul>
Tuesday, April 5	<ul style="list-style-type: none"><li>• Transport Decarbonization</li><li>• Sustainable Materials and Construction Practices</li></ul>
Wednesday, April 6	<ul style="list-style-type: none"><li>• Sustainable Accounting and ESG Reporting Compliance</li></ul>
Thursday, April 7	<ul style="list-style-type: none"><li>• ESG Investment Funds and Green Bonds</li></ul>
Monday, April 11	<ul style="list-style-type: none"><li>• Resilient Asset Management – Roadways and Drainage</li></ul>
Tuesday, April 12	<ul style="list-style-type: none"><li>• Resilient Asset Management – Bridges and Structures</li></ul>
Wednesday, April 13	<ul style="list-style-type: none"><li>• Techniques and Approaches to Resiliency Finance</li></ul>
Thursday, April 14	<ul style="list-style-type: none"><li>• Disaster Risk Management and Financing</li></ul>

# Registration

- 1,400 USD IRF Members or Groups of 3 or more
- 1,700 USD Non IRF Members
- 1,000 USD IFIs, SARF, Canadian/ US State DOTs & City Officials

Registration: <https://www.irf.global/event/sf22-ws-online-training>

For any support, please contact [melabyad@irf.global](mailto:melabyad@irf.global)

# System Requirements

## Computer Requirements

### Operating System

*Windows 7 - Windows 10, Mac OS X 10.9 (Mavericks), macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+*

### Web browser

Google Chrome (most recent 2 versions)

Mozilla Firefox (most recent 2 versions)

Internet Explorer v11 (with Adobe Flash if running Windows 7)

Apple Safari (most recent 2 versions)

Microsoft Edge (most recent 2 versions)

### Internet connection

1 Mbps or better (broadband recommended)

### Hardware

2GB of RAM (minimum), 4GB or more of RAM (recommended)

Microphone and speakers (USB headset recommended)

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## **International Road Federation**

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