



Managing Road Infrastructure Assets

Expert training by professionals, for professionals

**Kuala Lumpur, Malaysia
November 27-29, 2018**



Workshop

The Road Industry's Most Trusted Brand in Continuing Education



For more than 50 years, an essential part of the IRF's mission has been the organization and delivery of training courses that provide continuing professional development for individuals and contribute to the dissemination of knowledge and expertise throughout the world.

As a strong believer in continuing education, the IRF provides members, as well as road professionals worldwide with educational opportunities that are recognized by engineering and transportation societies worldwide. The IRF's Global Training Curriculum provides technical expertise in classroom and practical settings where attendees can learn from and have direct access to seasoned professionals. Each course not only provides the most relevant, up-to-date information and best practices and solutions, but is also designed to assist attendees in learning to correctly apply the knowledge gained.

IRF Workshops are specifically developed to meet the needs of today's highway managers. Whether you are a representative of a highway agency, a member of a financing institution, consultant or contractor, IRF Workshops will give you the necessary tools to make improvements in your organization. Our mission is facilitate road progress whenever and wherever we can by organizing constructive events, furnishing needed information and assisting with the training and transfer of best practices and technologies around the world.

As Chairman of the International Road Federation, I encourage you to make the most of these opportunities and help fulfill the IRF's vision of better roads for a better world.



Abdullah A. Al-Mogbel
IRF Chairman

About the 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: A Global Federation

The International Road Federation welcomes members from government, academia, road associations, research institutes, and private industry.

We are 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.

OVERVIEW

An effective road asset management system comprises the processes, tools, data and policies necessary for the management of all the physical assets for which public authorities have a responsibility with the objective of providing the required level of service in the most cost-effective manner. As a discipline aimed at facilitating decision-making, road asset management is a powerful tool for both national and local road agencies, providing a framework for managing their networks and prioritizing further investments using a long-term life-cycle approach.

This workshop will cover the principles, concepts, components, techniques and benefits of managing road infrastructure assets. The contents will be based on international practitioner handbooks as well as the hands-on experience of the course instructors. The workshop will teach the most relevant best practices as they relate to strategic asset management, tactical & technical asset management planning and operational asset management & service delivery.

COURSE OUTCOMES

- Better understand each of the aspects of Strategic, Tactical and Operational Asset Management and their related functions
- Recognize the need to further develop asset management capacity and capability for their organization, and have methods to do so
- Understand the importance of 'aligning' asset management practices and approach to achieve organizational objectives
- Identify and develop appropriate delivery models for asset management and maintenance services that ensure optimum return on investment and excellent service delivery performance
- Understand how emerging infrastructure concerns, such as weather resilience, impact asset management functions
- Building and monitoring financial plans for asset maintenance and renewal

WORKSHOP FORMAT

- Structured elements for each day, with established timeframes, within a productive learning environment
- Workshop consists of classroom learning, collaborative group activities, individual learning opportunities, as well as nominated presentation sessions
- Informal learning settings with all attendees encouraged to contribute
- Ample opportunity to share ideas, discuss challenges and create solutions and a better way forward together

TARGET AUDIENCE

- Road Authorities
- Road Design Consultants
- Contractors
- Manufacturers & Distributors
- Concessionaires
- Maintenance Personnel
- Academia

VENUE & HOTEL

Marriott Hotel Kuala Lumpur



183 Jalan Bukit Bintang

Kuala Lumpur, 55100 Malaysia



LEAD INSTRUCTOR

SCOTT BLOXSOM

PRINCIPAL & FOUNDER, ESSENCY CONSULTING LIMITED

Scott is Chartered Professional Engineer with over 25 years experience in a wide range of asset management and engineering projects. Scott has worked extensively with both public and private sector clients in Australia, United Kingdom, Europe and the Middle

East advising and implementing asset management principles and performance based contract development, delivery and review.

He is the Principal and founder of Essency Consulting Limited, an asset management and contract services company delivering tailored services to clients in the infrastructure sectors.

He is a Chartered member of Engineers Australia, a member of the Institute of Asset Management (UK) and Asset Management Council of Australia, and a qualified assessor to the ISO55000 and PAS55:2008 Asset Management standards.

NOVEMBER 27 | 09:00 - 16:30 STRATEGIC ASSET MANAGEMENT & YOUR ORGANISATION**Introduction to Asset Management**

- Background & Context
- Standards, Guidance, Codes of Practice
- Management System Approach
- Risk Management
- Performance Management

Organisation & Stakeholders

- Leadership & Sponsorship
- Roles & Responsibilities
- Competencies & Skills, Capacity
- Behavior & Culture
- Collaboration & Communication

NOVEMBER 28 | 09:00 - 16:30 TACTICAL & TECHNICAL ASSET MANAGEMENT ASPECTS**Asset Management Plans**

- Service Levels / Performance Requirements
- Asset Data & Information
- Asset Inventory & Classification
- Asset Condition Assessment, Surveys & Inspections
- Asset Information

Lifecycle Planning

- Whole of Life Considerations
- Deterioration Modelling
- Scenario / Option Analysis
- Investment Planning / Funding Levels / Business Cases
- Efficiency / Value for Money
- Work Programming/Scheme Development
- Routine / Cyclic Maintenance / Planned / Rehabilitation
- Incorporating climate change with asset management

NOVEMBER 29 | 09:00 - 16:30 IMPLEMENTING ASSET MANAGEMENT SYSTEMS & TOOLS EFFECTIVELY**Asset Data Requirements**

- What do you need?
- Systems and Tools to support effective and timely decisions
- Developing integration
- Common terminology
- Operating platforms
- Implementing robust AM Information Systems across your asset portfolio
- Asset Condition assessment
- Incident Response / Safety Patrols information
- Defect Works Order Management
- Programme / Project Delivery
- Financial / Commercial management
- Performance Aspects

Maintenance Scheduling

- Delivery of Works
- Outsourcing / Insourcing
- Client / Consultant / Contractor
- Contract Mechanisms
- Service Delivery Performance Management
- Network Stewardship
- Incident Response / Safety Patrols

Important Note:

Registration can also be completed online at: <https://www.irf.global/event/mia18-kl>



Managing Road Infrastructure Assets: Kuala Lumpur, Malaysia, November 2018

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)*

IRF MEMBERS AND GROUPS OF 3 OR MORE US \$1,700 per person (no hotel included)	NON MEMBERS US \$2,000 (no hotel included)	MALAYSIAN DELEGATES 2,300 MYR (no hotel included)
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**Rates valid through 14 days prior to the event. 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

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

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.



International Road Federation

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REGIONAL OPERATIONS

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