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Looking back at a record year

The International Road Federation (IRF) is as important today as when it was established in 1948. Roads are still the most important infrastructure element in today’s market economy. Over the years our core message has remained consistent: well planned, well-built and well operated roads enhance our collective quality of life.

The road community is well aware of the challenges posed by the growing demand for safe, efficient and sustainable mobility. IRF provides a unique global platform where solutions to these challenges can be identified, assessed and ultimately disseminated to industry, academia and policy-makers worldwide.

“The International Road Federation is as important today as when it was established in 1948”

This has never been truer than in 2011, when IRF’s program of work took it across an unprecedented range of countries, including many of the world’s fast-growing economies. Throughout the year, we accompanied major institutional milestones, such as the launch of the UN Decade of Action on Road Safety. We also responded to the devastation caused by a major earthquake off the coast of Japan by establishing a dedicated relief fund.

Our members have never had as many opportunities to make a meaningful contribution to the international agenda. The network of international organizations which we enjoy consultative status with was further augmented this year through a landmark agreement with the Organization of American States, translating into extended outreach throughout the Latin American and Caribbean region.

I am proud to be the President & CEO of the International Road Federation and invite you to join us in our mission: Better Roads, Better World.

C. Patrick Sankey
President & Chief Executive Officer
International Road Federation
International Road Educational Foundation


IRF’s mission is to encourage and promote development and maintenance of better, safer and more sustainable roads and road networks. Working together with its members and associates, IRF promotes 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.

“With a wide network across over ninety countries on six continents, IRF believes that it can make a difference by providing best practices and expert advice to today’s multi-faceted world of transport.”

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

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

With a wide network across over ninety countries on six continents, IRF believes that it can make a difference by providing best practices and expert advice to today’s multi-faceted world of transport.

A network of multi-lateral organizations

IRF has formal consultative status and long-standing working relations with a large number of international professional and governmental organizations including:

- World Bank
- International Transport Forum
- Caribbean Development Bank
- World Road Association
- Inter-American Development Bank
- Asia Development Bank
IRF Milestones and Leadership

1948: IRF is chartered in Washington DC.
1949: First IRF Fellowships awarded
1951: First IRF Man of the Year awarded
1952: 1st IRF World Meeting
1954: Establishment of the International Road Educational Foundation
1960: IRF releases comprehensive survey of the Pan-American Highway
1964: Establishment of the Geneva Program Center
1969: 500th IRF Fellow enters the Fellowship Program
1975: IRF begins accepting Governments as Full Members
1984: 10th IRF World Meeting in Rio attracts delegates from 86 countries
1988: IRF congratulated by 40th US President Ronald Reagan
1991: Establishment of the IREF Future Fund
1999: 1st IRF Silk Road Conference
2011: 1,250th IRF Fellow enters the Fellowship Program

“You can take great pride in your many accomplishments in road building, safety and education. Your affiliates around the globe have worked successfully to improve the world’s highways - the very arteries through which so much of our economic lifeblood flows.”

Ronald Reagan  
40th President of the United States of America
As a strong believer in continuing education, IRF provides members as well as road professionals worldwide with educational and professional development opportunities and resources. 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. At the conclusion of each course, students are tested to ensure they have absorbed the course material.

IRF’s executive seminars and training workshops covers the following areas:

“IRF is a strong believer in continuing education.”

- **Capacity Building**: Careers in Transportation in the 21st Century, Procurement and Contract Management for Surface Transportation Government Officials, Surface Transportation Megaproject Construction Management


- **Asset Management**: Pavement Preservation, Low-volume Roads Engineering

- **Safer Roads by Design™**: Roadside & Median Safety Applications, Design and Operation of Work Zone Traffic Control, Road Safety Audits & Assessments, Vulnerable Users, Design of Intersections & Roundabouts

- **Innovative Finance**: Performance-Based Contracting, Public Private Partnerships
US and international-based training

“I would like to thank IRF for organizing outstanding training programs across various transportation disciplines. I found them very informative and believe they added greatly to our professional knowledge and career opportunities.”

Jamal El Zarif, Ph. D.
Infrastructure & Municipal Assets Sector
Abu Dhabi Municipality

IRF Annual Meeting
January 23-24, 2011
Washington DC, U.S.A.

IRF Executive Seminar Series: Workshop on Traffic Congestion Management
May 4-6, 2011
Orlando, U.S.A.

IRF Executive Seminar Series: Preserving Our Highway Infrastructure Assets
August 3-5, 2011
Orlando, U.S.A.

IRF Executive Seminar Series: Workshop on Performance-Based Contracts
August 16-18, 2011
Toronto, Canada

IRF Brazil Conference and Certified Training and the 7th Brazilian Congress on Highways
October 24-28, 2011
Foz do Iguaçu, Brazil

IRF Executive Seminar Series: Performance-Based Road Maintenance Contracting
October 30 - November 8, 2011
Orlando, Florida U.S.A.

IRF Executive Seminar Series: Roadside and Workzone Safety
November 14-15, 2011
Ho Chi Minh City, Vietnam

IRF Executive Seminar Series: Road Infrastructure Safety Management
December 6-9, 2011
Orlando, Florida, USA

IRF Saudi Arabia Road Professionals Workshop: Part 1 - Transport Asset Management
December 18-21, 2011
Riyadh, Kingdom of Saudi Arabia
Top Ten Developments in 2012

- IRF continues its highly successful executive seminar series on performance-based contracting.
- IRF signs landmark agreement with the Organization of American States.
- 1st IRF Brazil Conference with 7th Brazilian Congress on Highways draws 1,300 delegates from 22 countries.
- IRF supports 2nd African Road Safety Conference.
IRF announces that the Kingdom of Saudi Arabia will host the 17th IRF World Meeting & Exhibition in 2013.

IRF expands Executive Seminar Series into Southeast Asia.

IRF holds 1st Regional Conference on India Road Safety Strategies.

IRF joins in international road safety launch of UN Decade of Action.

IRF holds Innovation in Road Infrastructure conference as part of Russia Transport Week.

IRF and Japan Road Association launch Disaster Relief Fund.

IRF expands Executive Seminar Series into Southeast Asia.
IRF’s Global Road Achievement Awards (GRAA) program is a competition to honor and recognize road-industry projects that demonstrate excellence and innovation in road development worldwide. The program, which is designed to elicit information on successful projects and programs from leading industry organizations, draws attention to these leading projects and organizations, providing a road map for others to follow in continuously improving and advancing road development worldwide.

**“GRAA provides a road map for others to follow”**

The 2010 GRAA Competition winners received their awards on January 25, 2011 at a banquet keynoted by US FHWA Administrator Victor Mendez in the presence of hundreds of transportation professionals and officials.

## Global Road Achievement Award Winners

<table>
<thead>
<tr>
<th>Category</th>
<th>Winner</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advocacy</td>
<td>LanammeUCR</td>
<td>Project- Contributions of LanammeUCR to Road Infrastructure Improvements in Costa Rica</td>
</tr>
<tr>
<td>Construction Methodology</td>
<td>Barrier Systems, inc./Utah DOT</td>
<td>Project - 3500 South, Utah Arterials Project</td>
</tr>
<tr>
<td>Design</td>
<td>ARUP / Hong Kong Highways Department</td>
<td>Project - Route 8, Stonecutters Bridge, Hong Kong</td>
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<tr>
<td>Environmental Mitigation</td>
<td>Colorado DOT / J.F. Sato &amp; Associates</td>
<td>Project - Berthoud Pass Mountain Access Project</td>
</tr>
<tr>
<td>Maintenance Management</td>
<td>The Louis Berger Group / USAID</td>
<td>Project - Afghanistan Operations &amp; Maintenance Program</td>
</tr>
<tr>
<td>Program Management</td>
<td>Concesionaira IIRSA Norte S.A.</td>
<td>Project - IIRSA Norte, Integrating Engineering and Conservation</td>
</tr>
<tr>
<td>Research</td>
<td>Eurovia Research Center</td>
<td>Project - Low- Temperature Mastic Asphalts VIASPHALT BT</td>
</tr>
<tr>
<td>Safety</td>
<td>Mississippi DOT / Mississippi MED-COM</td>
<td>Project - The Mississippi msTraffic/MED-COM Project</td>
</tr>
<tr>
<td>Technology, Equipment and</td>
<td>3M Traffic Safety Systems Division</td>
<td>Project 3M Diamond Grade GG Reflective Sheeting</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>AECOM / Florida DOT</td>
<td>Project - 95 Express: Managing Mobility through ITS</td>
</tr>
<tr>
<td>Traffic Management and ITS</td>
<td>Delcan Corporation / Missouri DOT</td>
<td>Project - Quality Management Oversight - New I-64 Project (St. Louis, Missouri)</td>
</tr>
</tbody>
</table>
IRF’s confirmation of Delcan’s risk-based approach to Quality Management as a world class standard is a significant achievement for all of us here. Receiving this prestigious recognition strongly confirms the innovation and proven value our approach has to those agencies choosing to use it.

Brian J. Stearman
President, Delcan Corporation
Infrastructure, National Operations

Policy Development

IRF promotes best practices and advocates to governments, road agencies, and global organizations for the importance of road safety and investments in road development and technologies to increase both mobility and safety. By placing the road in the national, regional, and international dialog in regards to economic and social development, IRF ensures that policy makers and stakeholders are giving roads - and safe and efficient mobility - their proper priority.

IRF Committees give special attention to the development of concrete responses to specific road problems. They promote the use of performance-based standards and create a wealth of resources including data, best practices and educational need and provide members with access to government decision-makers who are ready to hear their voice.

Committee on Road Asset Management
Chair: Omar Smadi, Center for Transportation Research and Education, Iowa State University

Committee on ITS
Chair: William Sowell, Aldis Corporation
- Subcommittee on International Business and Systems Engineering
  (Chair: Bill Russell, Eberle)
- Subcommittee on Education and Training
  (Chair: Robert Jaffe, Consystec)

Committee on Road Safety
Chair: Ronald Faller, Midwest Roadside Safety Facility (MwRSF), Nebraska Transportation Center, University of Nebraska-Lincoln
- Subcommittee on Roadside Safety Features
  (Chair: Anil Mishra, The Louis Berger Group, Inc.)
- Subcommittee on Intersection/Roundabout Safety
  (Chair: Said Dahdah, Global Road Safety Facility, The World Bank)
- Subcommittee on Work Zones
- Subcommittee on Motor-Vehicle Equipment
- Subcommittee on Vulnerable Users
  (Chair: Shashi Nambisan, Institute for Transportation, Iowa State University)
- Subcommittee on Driver Behavior, Education, and Training
  (Chair: Eddie Wren, Advanced Drivers of America.)
Preparing the Next Generation of Road Builders

The IRF Fellowship Program for graduate engineers and transportation managers has been a cornerstone in the work of the International Road Federation for more than 60 years. The Program provides a one-time grant toward the costs of university graduate study in fields related to the development of better and safer roads and road networks worldwide.

Through the International Road Educational Foundation, the IRF awards grants to graduate engineers and other transportation professionals from around the world.

Many Fellows have become senior government officials and leaders in the private sector.

“A cornerstone in the work of the International Road Federation for more than 60 years”

Through the IRF Fellows Alumni Association, founded in 1993 by the late Dr. Sadamu Mino, strong bonds are formed among the Fellows and IRF member organizations.

USD $1 million fundraising campaign launched

In order to preserve the Foundation’s important legacy and maintain current levels of annual scholarship awards, the IREF Board of Directors launched a fundraising campaign to raise USD $1 million by December 31, 2012.

A special thanks to our 2011 contributors who pledged USD $353,100 in 2011:

Abdul Ali Alajmi Company
Abdullah A. Al-Mogbel
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AgileAssets, Inc.
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Saleh Abegalder
Salvador Reyes
Trinity Industries, Inc.
Wilbur Smith Associates
Zaher Yousif
Zhong Wang
### IRF Fellows - Class of 2011

<table>
<thead>
<tr>
<th>Name</th>
<th>Home Country</th>
<th>Fellowship Host University</th>
</tr>
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<tbody>
<tr>
<td>Bismark Agbelie</td>
<td>Ghana</td>
<td>Purdue University</td>
</tr>
<tr>
<td>Anwaar Ahmed</td>
<td>Pakistan</td>
<td>Purdue University</td>
</tr>
<tr>
<td>Francisco Aragão</td>
<td>Brazil</td>
<td>University of Nebraska - Lincoln</td>
</tr>
<tr>
<td>Mehdi Azimi</td>
<td>Iran</td>
<td>Texas A&amp;M University</td>
</tr>
<tr>
<td>Claudia Centurion</td>
<td>Paraguay</td>
<td>The University of Texas at Austin</td>
</tr>
<tr>
<td>Chi Ho “Johnny” Chan</td>
<td>Hong Kong</td>
<td>University of Florida</td>
</tr>
<tr>
<td>Cheng Chen</td>
<td>China</td>
<td>The Ohio State University</td>
</tr>
<tr>
<td>Matild Dosa</td>
<td>United States</td>
<td>Arizona State University</td>
</tr>
<tr>
<td>Alejandra Gallegos</td>
<td>United States</td>
<td>The University of Texas at El Paso</td>
</tr>
<tr>
<td>Lu Gao</td>
<td>China</td>
<td>The University of Texas at Austin</td>
</tr>
<tr>
<td>Ohhoon Kwon</td>
<td>South Korea</td>
<td>University of Florida</td>
</tr>
<tr>
<td>Feng Li</td>
<td>China</td>
<td>Georgia Institute of Technology</td>
</tr>
<tr>
<td>Kwang-Kyun Lim</td>
<td>South Korea</td>
<td>University of Florida</td>
</tr>
<tr>
<td>Gilson Lomboy</td>
<td>Philippines</td>
<td>Iowa State University</td>
</tr>
<tr>
<td>Uday Raghavender Roa Manepalli</td>
<td>India</td>
<td>Missouri University of Science &amp; Technology</td>
</tr>
<tr>
<td>Daniel Mogrovejo</td>
<td>Ecuador</td>
<td>Virginia Polytechnic Institute &amp; State University</td>
</tr>
<tr>
<td>Luis Quintana</td>
<td>Mexico</td>
<td>The University of Texas at El Paso</td>
</tr>
<tr>
<td>Patrick Thompson</td>
<td>Guyana</td>
<td>The Ohio State University</td>
</tr>
<tr>
<td>Daijiro Yoshida</td>
<td>Japan</td>
<td>University of Southern California</td>
</tr>
<tr>
<td>Waleed Zeiada</td>
<td>Egypt</td>
<td>Arizona State University</td>
</tr>
<tr>
<td>Zitao Zhang</td>
<td>China</td>
<td>Northwestern University</td>
</tr>
</tbody>
</table>

### Student Essay Competition Winners

In 2011, IRF honored four students for their essays on key transportation issues:

- **Road Safety**
  - Kelly Donoughe

- **Intelligent Transportation Systems**
  - Ismail Zohdy

- **Sustainable Roads**
  - Mohammad Saied Dehghanisanij

- **Innovative Finance**
  - Martha Gross
2012 At A Glance

3rd IRF Middle East Regional Congress & Training
January 8-11
Manama, Bahrain

IRF Road Scholar Program
January 18-27
Washington, DC USA

ITS Orientation Visit for Colombian Officials
January 22-31
Houston; Washington, DC USA

IRF Annual Awards Luncheon
January 24
Washington, DC USA

ITS Orientation Visit for Mexican Officials
March 11-20
Houston; Phoenix; Washington, DC USA

IRF Road Safety & ITS Standards Workshops at
Brazil Road Expo
April 2-4
Sao Paulo, Brazil

IRF Executive Seminar Series:
Rural Roads - Low Volume Roads Engineering
April 11-13
Orlando, Florida USA

IRF Executive Seminar Series:
Roadside Safety & Workzone Safety Applications
April 26-28
Bangkok, Thailand

1st IRF Caribbean Regional Congress
May 8-11
Montego Bay, Jamaica

IRF Executive Seminar Series:
Minimizing Fraud & Corruption on Highway Projects
June 5-7
Orlando, Florida USA

High Elevation/Andes Road Engineering Conference
July 19-20
Lima, Peru

IRF Executive Seminar Series:
Preserving Our Highway Infrastructure Assets
August 1-3
Ft. Lauderdale, Florida USA

IRF Executive Seminar Series:
Workshop on Performance - Based Contracts
August 14-16
Chicago, Illinois USA

IRF Saudi Arabia Road Professionals Workshop:
Road Safety & Safety Audits
September 9-12
Riyadh, Saudi Arabia

Abu Dhabi Road Safety Conference
September 16-18
Abu Dhabi, UAE

Road Safety Gulf Region Summit & Conference
October 16-19
Muscat, Oman

IRF Executive Seminar Series:
Road Maintenance Contracting
October 28 – November 6
Orlando, Florida USA

IRF Executive Seminar Series: Executive Seminar Series:
Workshop: Performance-Based Contracting
December 2-12
Miami, Florida USA

Safer Roads by Design, Executive Seminar Series
December 9-12
Riyadh, Saudi Arabia

Additional Information: melabyad@irfnews.org
IRF Officers and Directors

The International Road Federation Board of Directors is comprised of representatives of organizations who have been elected based on their commitment to the goals and objectives of IRF. The geographic and institutional diversity of the Board reflects the diversity of the global base of members.

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GLOBAL

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BUSINESS OPPORTUNITIES • BEST PRACTICES

BUILDING INDUSTRY PARTNERSHIPS

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