



**XXIV<sup>th</sup> World  
Road Congress  
Mexico 2011**  
Mexico City 2011.

# INTRODUCTION

## TC B5 WINTER SERVICE

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**vti**

## TC B5 Winter Service

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**Chair** Gudrun Öberg, Sweden

**Secretaries** Didier Giloppé, France  
Paul Pisano, USA  
José del Pino-Alvarez, Spain



# TC B5 WINTER SERVICE 2008 - 2011.

**Total membership: 63 (35 countries)**

**Members: 45**

**Corresponding members: 14**

**Associate members: 4**

**About 25-30 members at meetings**



# TC B5 Issues

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5.1 Improve winter maintenance and operation information

5.2 Provide sustainable winter maintenance

5.2.1 social, environmental, economic aspects

5.2.2 climate change

5.3 Sharing knowledge

5.4 Communication with road users



# Reports from TC B5

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## ***Technical Committee Reports;***

“A Study of Winter Service Management Systems (WSMS) and Road User Information”

“Sustainable Development and Winter Road Service”

“Impact of Climate Change on Winter Service”

“Communication with Road Users”

All to be published in 2011/2012

## ***Others;***

“Snow and Ice Data Book (3<sup>rd</sup> edition),”

Published in February 2010



# Winter Congress/Seminars

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XIII International Winter Road Congress in Québec, Canada  
**Sustainable Winter Service for Road Users**

## Seminars

**Technical Solution for Sustainable Winter Service** in Hrádec  
Kralové, Czech Republic, 7-9 October 2009

**Management of Winter Service in an Extreme Continental  
Climate Country** in Ulaanbaatar, Mongolia, 6-8 April 2011



# Articles in Routes/Roads

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No 342	Information flow system for winter service
No 345 ( 14 )	Introduction to XIII International Winter Road Congress
No 346 ( 2 )	Report from XIII International Winter Road Congress





" Exchange knowledge and techniques on roads and road transportation "

The World Road Association-PIARC was established in 1909. It brings together governments and has members—individuals, companies, authorities and

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- National Committees
- Technical Committees
- Congresses & Seminars
- Joining PIARC!
- Calendar

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Terminology



Multilingual technical dictionaries

WIN



The World Interchange Network

**Mexico, 26-30 September 2011**



**Pre-proceedings**

The congress participants will receive in the Congress center of the pre-proceedings containing the texts of all the papers

Congress participants who have a validated registration can, however, access right now on-line to the content of the pre-proceedings

The list of the persons who can access will be up-dated every week according to the registration process

There you will find:

- The detailed program of the different sessions;
- All the papers available when you log in;

You have to identify yourself as follows:

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**Mexico 2011**  
 26-30 September  
 On-line registration to the Congress is open!



Your prompt attention to registering for the Congress will benefit you in a reduced registration fee and enable you to have a larger choice for the technical visits.

**Routes/Roads Issue n° 349**  
 2011 1st quarter - January issue  
 The first issue of the year will be issued very soon!  
 Your opinion is important for us...



**Road Safety**  
 Decade of action for Road Safety 2011-2020



### International Seminars of the World Road Association

Several PIARC Seminars will take place in the coming months.

**Sustainability of rural road networks**  
 10-12 March 2011, Santa Cruz de la Sierra, Bolivia

**National road development strategies and road safety on improved highways**  
 14-19 March 2011, New Delhi, India

**Construction, operations and management of road tunnels**  
 25-26 March 2011, Xianmen, People's Republic of China

**Latest developments in concrete pavements design and building / Influence of infrastructure on road safety management**  
 9-10 May 2011, Buenos Aires, Argentina

**Road asset management**  
 4-6 April 2011, Swakopmund, Namibia

**Management of winter service in an extreme continental climate country**  
 6-8 April, 2011 Ulan Bator, Mongolia



**Improved mobility in urban areas - Freight transport and intermodality**  
 13-14 April 2011, Santiago, Chile

**Roads and highways: optimising services for the customer**  
 25-27 April 2011, Kuala Lumpur, Malaysia





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Conference-discussions  
of the Council

Software

## Proceedings of World Road Congresses and International Winter Road Congresses

PIARC organizes two series of Congresses - the **World Road Congress** and the **International Winter Road Congress**, which are held every four years.

These events generate many documents which are published in the proceedings of the Congresses:

- National reports are prepared by member countries and contain responses to questions put forward by Coordinators of PIARC's Strategic Themes;
- PIARC's Technical Committees each prepare an Introductory Report for their Congress session and an Activity Report which covers their achievements during the four year work cycle;
- Individual Papers prepared by academics and practitioners across the world in response to the Congress Call for Papers;
- Other documents including the General Report and the Conclusions of the Congress.

### Proceedings of the World Road Congresses

The documents issued on the occasion of the last three **World Road Congresses** are available on CD-ROM and can be purchased at the PIARC Secretariat.

In 2011, the proceedings of all World Road Congresses from the first one that was held in Paris in 1908 to the most recent one, will be available in the PIARC virtual library on this website.

**Presentation  
of TC B5 work follows**

**Thank you for your attention**

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