



International Seminar

MAINTENANCE OF RURAL ROADS STAKES AND PERSPECTIVES



April 20th et 21st 2006
Rabat – MOROCCO

NOTICE 2



Topics of the seminar

Four topics will be covered during the seminar:

Topic 1: Role of rural roads and their maintenance

- Rural roads maintenance issues
- Roads maintenance and sustainable development
- Maintenance and service level for rural roads
- Evaluation of maintenance needs

Topic 2: Maintenance techniques for rural roads

- Degradation pathology of rural roads
- Roads maintenance techniques
- Use of local construction materials
- Intensive labour maintenance techniques

Topic 3: Management and financing of rural roads

- Management systems of rural roads
- Partnership
- Funding modes
- Institutional aspects

Topic 4: Integrated development project and rural roads

- Intervention scheduling on rural roads
- Participatory approach
- Studies cases

Seminar venue and period

The seminar will be held from April 20th to 21st 2006 and will take place at the Conference Center of the Ministry of Equipment and Transportation, Rabat Morocco.

Program:

April 18th and 19th 2006 :

Technical Committee meeting (T.C 2.5 of PIARC) in Rabat

April 20th and 21st 2006 : Seminar :

Final seminar program will be distributed to the participants at the registration desk..

Draft of Program

Thursday April 20th

8h 30 : Registration

9h 30 : **Opening ceremony**

10h 00 : **Coffee break**

SESSION 1 : ROLE OF RURAL ROADS AND THEIR MAINTENANCE

10h 30 : Identification des besoins en développement des routes rurales et pérennisation des investissements

*Abdennebi Rmili, Direction des Routes et de la Circulation Routière, **Maroc***

10h 45 : Les pistes rurales en Tunisie, situation actuelle et perspectives

*Boutouta A. Direction Générale du Génie Rural et de l'Exploitation des Eaux, **Tunisie***

11h 00 : Guidelines to improve rural access for food security in Africa

*G.Gebresenber, University Of Agricultural Sciences, Uppsala, **Sweden**
G.Oodally, FAO, Rome, **Italy***

11h 15 : Rural road paving for manageable maintenance

*Robert Petts, BSc CEng MICE MIHT MIAgrE, Intech Associates, Hanoi, **Vietnam***

*Dr Jasper Cook, MSc Cgeol, MIHT, FGS, TRL Ltd, Hanoi, **Vietnam***

*Pham Gia Tuan, Intech – TRL, Hanoi, **Vietnam***

11h 30 : Sustainable rural road maintenance in Lao PDR

*Somnuk Mektakul, Deputy Director, Local Roads Division, MCTPC, **Lao-PDR***

Mike James, Roughton International

11h 45 : **Discussion**

12h 30 : **Lunch break**

SESSION 2 : MAINTENANCE TECHNIQUES FOR RURAL ROADS

- 14h 30** : Quelle technique d'entretien pour les routes du Rif et du Pré-rif ?
Abdelhamid Janati Idrissi, Direction des Routes et de la Circulation Routière, Maroc
- 14h 45** : Les bétons compactés au rouleau à faible dosage en ciment, une solution pour les routes rurales: cas des matériaux de gisements locaux
*Zdiri M. *, Ben Ouezdou M. & Neji J. Laboratoire Génie Civil LGC: Ecole Nationale d'Ingénieurs de Tunis, Tunisie*
- 15h 00** : Valorisation des scories d'aciérie électrique pour l'entretien des routes rurales
MM : Afechkar (CNER), El Gharbi (DPE d'El Jadida), ZNAIDI (SONASID) , Maroc
- 15h 15** : L'entretien des routes rurales
Dahbi, BITUMA, Maroc
- 15h 30** : Entretien des pistes à l'émulsion de bitume
Safir, GTR, Maroc
- 15h 45** : **Coffee break**
- 16h 00** : Retraitement en place des routes rurales
MM.Essekelli et Tarhouchi, DRCCR, Maroc
- 16h 15** : Tractor solutions for rural roads & agriculture
Malcolm Cutler, BSc, MIAgrE, MD – FSC Development Services Ltd, International Chairman – Intitution Of Agricultural Engineers, Hanoi, Vietnam
Robert Petts, BSc CEng MICE MIHT MIAgrE, Intech Associates, Hanoi, Vietnam
- 16h 30** : **Discussion**

Friday April 21st

SESSION 3 : MANAGEMENT AND FINANCING OF RURAL ROADS

- 9h 00** : Promoting the sustainability of rural transport infrastructure
Kate Czuczman, U.K
- 9h 15** : Gestion de l'entretien routier courant au Maroc
Janati Idrissi, Direction des Routes et de la Circulation Routière, Maroc

9h 30 : Analytical method to estimate traffic flow in rural road design in Castilla – La – Mancha, Spain

Brasa Ramos Antonio, Montero Martinez Jesus, Alfaro Ortiz Miguel, Carrion Perez Pedro, Lopez Mata Eulogio, Montero Garcia Francisco, Diaz Huedo J. Ignacio. Albacete, Spain

9h 45 : Les SIGs, outils de gestion de l'entretien routier

H. Nechniche, Chargé de recherche, CNTS

Brahim Kouider, Maitre de conférence, Institut de Génie Civil d'Oran, Algérie

10h 00 : Financement des routes rurales au Maroc

Ahmed Imzel, Directeur de la Caisse pour le Financement Routier, Maroc

Jaouad Benzekri, consultant, Maroc

10h 15 : A model for the estimation of user delays caused by pavement maintenance works

F. Brillet & Ph. Lepert, Division Gestion de l'entretien des routes (GER),

LCPC, Nantes, France

10h 30 : Entretien des routes rurales dans la zone d'action de l'ORMVAD, une nouvelle approche de financement

ORMVAD de Doukkala, Maroc

10h 45 : Partenariat pour la réhabilitation et l'entretien des routes rurales dans le périmètre du Tadla.

A. El Bekri et M. Chayat, Maroc

11h: 00 **Coffee break**

11h 15 : **Discussion**

12h 30 : **Lunch break**

SESSION 4 : INTEGRATED DEVELOPMENT PROJECT AND RURAL ROADS

14h 30 : Pistes Rurales, Cas du périmètre du Gharb

M Hamoumi et M Fatemi, ORMVAG, Maroc

14h 45 : The evolution of the Rural Road in Spain during the 20th Century
Eitiquio Gallego, Francisco Ayuga and Rafael Dal-Ré, Polytechnic University Of Madrid, Spain

Manuel Moya, University of Extremadura, Spain

15h 00 : Routes rurales, déplacements et coût de transport dans les campagnes algériennes : cas de Djebel Amour

M. Bennoui Foudil, enseignant chercheur, Biskara, Algérie

- 15h 15** : Programme National n° 2 des routes rurales au Maroc (PNRR2)
Ahmed Imzel, Directeur de la Caisse pour le Financement Routier, Maroc
- 15h 30** : Integrated Rural Mobility & Access : Towards improving service delivery in rural areas.
Mac Mashiri, CSIR Built Environment, South Africa
- 15h 45** : Aménagement intégré des routes rurales : cas du projet de développement agricole intégré de Had Kourt et Ouezzane
M. Ahmed El Moujahid, DPA de Sidi Kacem, Maroc
- 16h 00** : **Coffee break**
- 16h 15** : **Discussion**
- 17h 30** : **Conclusions and closing session.**

Saturday April 22nd

Technical visit : The program will be available at the registration desk.

4. Accomodation

Please book your accommodation directly with hotels, ensuring that you quote “seminar on rural roads” on your reservation to secure special discount rates

List of selected hotels in Rabat

<i>Hôtel</i>	<i>Adresse</i>	<i>Tél/fax e-mail</i>	<i>Rate in euros (*)</i>
Hilton * * * * *	Hilton Rabat Souissi	T : 212 37 67 56 56 F : 212 37 67 40 39 e-mail : hind.salhi@hilton.com www.hilton.com	SR : 150 € DR : 150 €
La Tour Hassan * * * * *	26, Rue Chellah Hassan	T : 212 37 23 90 00 F : 212 37 20 79 46 th.commercial@palaces-traditions.ma	SR : 170 € DR : 190 €
Farah Rabat * * * * *	Place sidi Makhoulf Rabat	T : 212 37 23 74 00 212 37 23 74 01 F : 212 37 72 21 55 e-mail : business-farahrabat@menara.ma	SR : 105 € DR : 130 €
Sofitel Diwan Rabat * * * *	Place de l'Unité Africaine 10005 - Rabat	T : 212 37 26 27 27 F : 212 37 26 28 28 e-mail : HO2820-SL@accor.com	SR : 100 € DR : 119 €
Oumlil Hôtel ***	31, Avenue Okba - Agdal	T : 00 212 37 68 34 34 F : 00 212 37 68 65 57 Oumlil1@iam.net.ma	SR : 77 € DR : 100 €
Ibis ***	32/34 rue Abderrahman El Ghafiki, Place de la Gare Agdal - Rabat	T : 212 37 77 49 19 / 26 F : 212 77 49 03 e-mail : H2036@accor.com	SR : 45 € DR : 51 €

(*) Breakfast not included– SR : Single ; DR : Double
-Prices-/night

Registration

You are kindly requested to indicate your intention to attend the seminar by emailing this registration form to the following e-mail :

janati@mtpnet.gov.ma ou/ou h.bartali@iav.ac.ma :

Registration form

Last Name :

First Name:

Affiliation :

Country :

Tel :

Fax :

e-mail :

Participant with or without a paper:

Reservaton made at hotel :

Date of arrival : Time of arrival :

Flight number and airport of landing :

Date of leaving Morocco

Are you attending PIARC technical committee meeting CT25 on April 18th and 19th 2006

Will you participate at the technical tour on April 22nd 2006 ?:

NB : Please fill out this form and return it to one of the email addresses above or fax it to

+212 37 71 32 59/61 before April 15th 2006.

Transport from airport to hotels will be provided for participants who confirm their arrival before the deadline indicated above.

**For more information please contact Mr Janati tél : +212 37 71 32 53
e-mail: janati@mtpnet.gov.ma**

Registration fees: 100 euros

Registration fee includes coffee breaks, lunches served at conference center and transport between hotels and seminar location.

Seminar language:

English and French will be used in sessions- Simultaneous translation will be provided