

البرنامج التفصيلي المنفذ

The National Engineering Conference on Roads
Friendship Hall, Khartoum, SUDAN
5-8 November - 2001

Conference Program

Day (1)

Monday 5/11/2001

8:30 Registration

9:00-10:00 Opening Session

- Quran
- Welcome Speeches:
 - Chairman of the Organizing Committee
 - President of Sudan Engineering Society
 - H.E. Minister of Roads and Bridges
- Speech and Declaration of Conference Opening
by H.E. the Vice President of the Republic of Sudan.

10:00 – 11: 00 Opening of Exhibition and Coffee Break

Session (1)

11:00-13:30 Roads and Other Means of Transport in Sudan

Chairman: Prof. Ahmed El Tayeb Ahmed. *Secretary General: Ministry of Higher Education and Scientific Research*

Reporter: Ustaz Mudawi El Tiraifi *Ministry of Transportation*

1/1- Road Network in Sudan

Eng. Basheir A/Gadir Ahmed El Kadaro

1/2- Sudan Railways

Lecture by: Eng. Omar M. Mohamed Nour
General Manager: Sudan Railways Corporation

1/3- River Transport

Lecture by: Lieutenant General / Ibraheem Salim Albur
General Manager: River Transport Corporation.

Session (2)

19:30-21:30 Road Design Factors and Procedures

Chairman: Eng. Basheir A/Gadir Ahmed Alkadaro *Secretary General: National Highway Authority*

Reporter: Dr. Ahmed Mohamed El Shareef *Building and Road Research Institute (BRR)*

2/1 - Developments in Material Characterization and Flexible Pavement Design

Prof. Galal Abdalla Ali and Dr. M. Mirza

2/2 - Axle Load Control System

Eng. Mahadi Abdolrahman El Sheikh

2/3 - تصميم الطرق قليلة التكلفة والحركة

د. أبو بكر محمد علي و مهندس / كمال مسعود مرجي

Day (2)**Tuesday 6/11/2001****Session (3)****9:00 – 11:00 Materials for Road Construction****Chairman:** Eng. Yahia Abdel Mageed *Consulting Engineer***Reporter:** Dr. Abdullahi Ibrahim Fadl *Building & Road Research Institute (BRRI)*3/1- **Design of Expansive Soils as Road Sub-grade**

Dr. Magdi M. E. Zumrawi

3/2- **Subgrade Treatments for Pavements on Expansive Clay Soils in Sudan**

Dr. Ahmed Mohamed El Shareef

3/3- **Strength and Deformation Characteristics of Soils in Sudan**

Dr. Abubaker Mohamed Ali

3/4- **Rubber-Modified Bitumen For Asphalt Concrete Mixes**

Prof. Emin Guchilmez and Eng. Kalid Mohamed Al Fatih Alhaj

11:00 – 11:30 Coffee Break**Session (4)****11:30 – 13:30 Traffic Engineering and Safety Management****Chairman:** Prof. Galal Abdalla Ali *Sudan University of Sciences and Technology***Reporter:** Colonel / Tag El Sir Abdel Bagi *General Director: Traffic Department, Ministry of Interior*4/1- **البعد الجغرافي لحوادث المرور / بروفيسر حامد الطاهر البدوي**4/2- **Retro-reflection Traffic Control Devices: Future Road Safety Infrastructure in India / Mr. Surinder Mohan and Mss Nabonito Dutta**4/3- **Road Traffic Characteristics on Khartoum Roads**

Eng. Omer Abd El Nabi

4/4- **Factor Analysis: Traffic Accidents and Potential Causes – A Case Study in Oman / Dr. Abulbasher M Shahalam, Prof. Galal Abdalla Ali, Dr. Charles S. Bukheit and Emad B. Fadhel****Session (5)****19:30 – 21:30 Traffic and Road Maintenance Management****Chairman:** Dr. Ahmed Mohamed Adam *Ministry of Planning- Gazira State***Reporter:** Eng. Mahdi Abdel Rahman EL Sheikh *Consulting Engineer*5/1- **عميد شرطة/ تاج السر عبد الباقي / اختناقات المرور بولاية الخرطوم**5/2- **PMS and Sudan Pavement Management System**

Prof. Galal Abdalla Ali and Dr. Abubaker Mohamed Ali.

Day (3)**Wednesday 7/11/2001****Session (6)****9:00 - 11:00 Maintenance of Roads and Road Structures****Chairman: Eng. Nagm Eldin M. Ahmed** *Chairman: Sudan Engineering Council***Reporter: Prof. Hamid Eltahir Albadawi** *El Dileng University***6/1 - Road Construction Management**

Eng. Ali Ahmed El Sayed

6/2 - Rehabilitation of Roads in Khartoum State

Prof. Abdel Rahman Ahmed El Agib

6/3 - Maintenance Problems in Some Road/Railway Steel Bridges in Sudan

Prof. Dafalla A. El Turabi and Dr. Abdullahi Ibrahim Fadl

11:00 – 11:30 Coffee Break**Session (7)****11:30-13:30 Finance of Road Projects and Personnel Training****Chairman: Prof. El Niema Ibrahim El Niema** *Dean: Faculty of Engineering and Architecture University of Khartoum***Reporter: Eng. Omar Abdel Nabi** *Consulting Engineer*

تمويل مشروعات الطرق القومية في السودان / المهندس / محمد صالح باخرية - 7/1

مشروعات البنية الأساسية الممولة عن طريق القطاع الخاص - 7/2

د. عثمان محجوب احمد الفيل و د. مدثر سليمان محمد علي

الأستاذ/ سامي عبد الله و الأستاذ / عمر عبد النبي / التعليم العالي في مجال الطرق - 7/3

تدريب الأطر الفنية لمواكبة متطلبات صناعة الطرق / مدثر سليمان محمد علي و د. ابوبكر محمد علي - 7/4

Closing Session**19:30 – 20:30 Conclusions & Recommendations****Chairman: Prof. A/Rahman Ahmed El Agib** *Consulting Engineer***Reporter: Dr. Mudathir Suleiman Mohamed Ali** *Specialist Engineer*

- Closing Speech
- Conference Recommendations

Day (4)**Thursday 8/11/2001****Open Day : visits, tours etc..**