

IT technologies for roads management

Public

Decision makers having to deal in their country with the management of the roads and to utilize or create the specifications for the data-processing tools.

Objectives:

This 10 days cycle approaches the whole of the problems related to the installation of an information system for the management of the roads. It refers in particular to:

- release the principal concepts of the computerization of the road activities,
- to deal with the technical aspects and the contribution of new technologies,
- to propose a pragmatic path to help the manager to formalize his needs and to conceive a viable information system.

At the end of the seminar, the participants are going to be able to:

- know the characteristics and conditions of use of the various tools will know,
- to specify their needs according to their specific context.

Paris	From October 19th to October 30th 2009	Inscriptions: Tel.: +331 4251 6111 Fax: +331 4251 6131	Session n°49022	4 800 €+ VAT Lunches included
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Organisation : [Mrs. Laurene PULLIAT / Metratech](#)

Monday October 19th	Friday October 23th	Thursday October 29th
<p>Identification and representation of a road network</p> <p>Method of identification of the road networks in France Construction and update of a reference frame of localization Modes of localizations of the data roads.</p> <p>Mr. CORROENE</p> <p>Tuesday October 20th</p> <p>Collection of the road data</p> <p>Principles of the collection of information on the roads Methods and apparatuses used</p> <p>Mr. LEPERT</p> <p>Wednesday October 21th</p> <p>Road data collection and processing</p> <p>Constitution and management of a data base on the automatic collection</p> <p>M. LEPERT</p> <p>Thursday October 22</p> <p>Management of road maintenance</p> <p>Methods for the evaluation and assistance to the programming of the maintenance work</p> <p>Mr. LEPERT</p>	<p>Management of road maintenance</p> <p>Illustration with GIRR, software of the French technical network Analyze strategies of maintenance, illustration with HDM</p> <p>Mr. LEPERT</p> <p>Monday October 26th</p> <p>Exploitation of the road data</p> <p>Management of the road data base (creation of the catalogue of data...) Production of charts, diagrams and road diagrams Work practise with the softwares ROUTEN, CARTEN and WAKE</p> <p>Mr. CORROENE</p> <p>Tuesday October 27th</p> <p>Presentation of HDM IV</p> <p>Mr. BROSSEAUD</p> <p>Wednesday October 28th</p> <p>Computerized management of the structures (bridges)</p> <p>Evaluation of the structures Choice of a policy of maintenance and programming of work Illustration with software IQOA</p> <p>Mr. SUDRET</p>	<p>Construction of road data bases</p> <p>Types and composition of the road objects Choice of the modes of localization Impact of the evolution of the reference frame Example of design of a data base</p> <p>Mr. PALFART CETE the Mediterranean</p> <p>Structure of a SIR Mr. PALFART</p> <p>Friday October 30th</p> <p>Organization of the data exchanges</p> <p>Administration of the data in time Aggregation of data Re-use of old data Rules of data exchange</p> <p>Mr. PALFART</p>