



Practical Details

Call For Papers INFRA 2010

November 15th to 17th

Hilton Bonaventure, Montreal

Speaker Registration Form

Your conference proposition will be evaluated by the members of the Technical Comity. They will analyse and select the conferences during the month of June. Thereafter, you will receive an e-mail informing you of their decision.

Please forward your registration form by e-mail to :

natalie.pinoteau@ceriu.qc.ca before 4:00 PM, May 28, 2010

Selection Criteria

- ✚ Your lecture's topic must fall within the themes of the 2009 INFRA conference:
Intervention techniques for rehabilitation, reconstruction and maintenance • Investigation techniques for infrastructures • Management of municipal infrastructures • Municipal asset management • Adapting to climate changes and its impact on infrastructures • Integrating the concept of sustainable development into infrastructures • Action coordination by municipal management bodies, public utilities and telecommunication companies • Awarding of contracts
- ✚ Your lecture proposal must present a case study, an experimental project or a completed study project.
- ✚ Your lecture's topic must contribute new knowledge and original expertise.
- ✚ The presentation's content must be based on quantifiable and demonstrable results.
- ✚ Lecture proposals that involve a municipality working with other partners will be favoured.
- ✚ In the case of student projects, students must give their lectures with their professors.



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Presentation Guidelines

- ✚ Write a 25-minute presentation.
- ✚ Prepare a PowerPoint presentation, not exceeding 150 MB.
- ✚ Using PowerPoint's comments feature, provide presentation notes that are sufficiently detailed to explain your presentation.



Form

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Identification First Speaker

Name

Given Name

Position

Organization

Address

N°

Street

City

Province

Country

Postal Code

Telephone

Ext.

Fax

E-mail

Important

Biography (300 words max.)



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Identification Other Speaker

Name
Given Name
Position
Organization

Address

N° Street
City Province Country Postal Code
Telephone Ext. Fax
E-mail

Important

Biography (300 words max.)



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Conference

French Conference Title (**Important**)

English Conference Title (**Important**)

Conference Language (**Important**)

French

English

Conference Abstract (300 words max.) (**Important**)

Keywords



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Biography Example

Isabel Tardif, ing., LL.B., MGP

Director, CERIU

Mrs. Isabel Tardif, Chief Technology Officer of the permanent council on underground infrastructure at the Center for Expertise and Research on Infrastructure in Urban Areas (CERIU), to the management of the Great Lakes, St-Lawrence River and Atlantic chapter. Having earned bachelor degrees in both civil engineering at McGill University and in Law at the Université du Québec à Montréal, Mrs. Tardif also holds a master degree in Project Management from the Université du Québec de l'Outaouais. Operations manager for the City of Lachine as well as for the City of Aylmer, where she also was responsible for the sewer and pipeline networks, she then held the position of coordinator in pipeline and sewer networks rehabilitation for the City of Gatineau. At the same time, she collaborated on the InfraGuide and CERIU work committees. Her expertise in the field of drinking water, sewers and trenchless rehabilitation techniques has led her to give lectures in North America, Europe and Africa.



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Abstract Example

French title

Système d'aide à la décision fondé sur SIG pour un renouvellement optimal de la planification des réseaux d'égouts

English title

A GIS-Based Decision Support System for Optimal Renewal Planning of Sewer Networks

Mahmoud Halfawy

National Research Council of Canada

Municipalities are facing unprecedented challenges due to ageing of the sewer networks, increasing demand levels, climbing renewal deficit, and inadequate renewal budgets. Sustainable management of sewer networks requires the adoption of proactive renewal strategies that can maximize the return on investment by optimizing budget allocation, maximizing asset performance, minimizing risk of failure, and minimizing life-cycle costs. Clearly, a multi-objective approach is needed in order to find the best trade-off between these conflicting criteria.

This paper will discuss the development of a novel approach and a Geographic-Information System (GIS)-based decision support system for optimal renewal planning of sewer networks

Keywords: Sewer networks, asset management, renewal planning, multi-objective optimization.