

VOLUME 35
NUMBER 12 / NUMÉRO 12
DECEMBER / DÉCEMBRE

2008

An NRC Research Press
JOURNAL
Une REVUE des
Presses scientifiques du CNRC

Canadian Journal of
CIVIL ENGINEERING

المجلة الهندسية
المركزية
cjce.nrc.ca

Revue canadienne de
GÉNIE CIVIL

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National Research
Council Canada

Ottawa, Canada
K1A 0R6

Conseil national
de recherches Canada

Ottawa, Canada
K1A 0R6

Postage paid at Ottawa
Publications mail
Registration No. 40062591

Port payé à Ottawa
Poste-publication
Enregistrement n° 40062591

USPS periodical postage paid at Plattsburgh, NY 12901, USA

Canadian Journal of

CIVIL ENGINEERING

Volume 35, Number 12, December 2008

Revue canadienne de

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Front cover: *top left*, oblique aerial photograph of an unimpeded ice run on the Porcupine River, Yukon Territory, Canada, 15 May 1993 (see Jasek. 2003. *Canadian Journal of Civil Engineering*, 30(1): 113-127); *top right*, merging of Greater Vancouver EME/2 model traffic volumes with digital orthophotos (C. Lim and B. Clement, Strategic Planning Department, Greater Vancouver Transportation Authority). EME/2 is a registered trademark of Les Conseillers INRO Consultants, Inc. [digital orthophoto (1999) courtesy of McElhanney Consulting, Vancouver, B.C., Canada]; *bottom left*, damage from the 26 December 2004 tsunami, showing impact loads (over and above those caused by wave pressures) caused by floating debris, such as a police car on a building near downtown Banda Aceh, Indonesia (photo courtesy of Dr. Murat Saatcioglu, University of Ottawa); *bottom right*, lifting out the hydraulic excavators from 20 m below grade on the Confederation Plaza project, Vancouver, B.C., Canada (photo courtesy of Dr. Alan Russell, The University of British Columbia).

Page couverture : *gauche supérieure*, dérive des glaces libres sur la rivière Porcupine, Territoire du Yukon, Canada, le 15 mai 1993, en photographie aérienne oblique (voir Jasek. 2003. *Revue canadienne de génie civil*, 30(1) : 113-127); *droite supérieure*, fusionnement des modèles de volumes de circulation EEME/2 du Grand Vancouver à l'aide d'orthophotos digitales (C. Lim et B. Clement, Strategic Planning Department, Greater Vancouver Transportation Authority), EME/2 est une marque déposée de Les Conseillers INRO Consultants, Inc. [orthophoto digitale (1999) courtoisie de McElhanney Consulting, Vancouver, C.-B., Canada]; *gauche inférieure*, lors du tsunami du 26 décembre 2004, dommages dus aux charges dynamiques causées par des débris flottants, tel cette auto-patrouille près du centre-ville de Banda Aceh, Indonésie, en plus des dommages dus à la pression des vagues (photo courtoisie de Murat Saatcioglu, Université d'Ottawa); *droite inférieure*, sortie d'excavatrices hydrauliques situées à 20 m sous le niveau du sol, projet de la Confederation Plaza, Vancouver, C.-B., Canada (photo offerte par Alan Russell, The University of British Columbia).

