

Call for Papers and Participation

4th International Symposium on Environmental Vibration: Prediction, Monitoring and Evaluation

Beijing Jiaotong University, Beijing, China

October 28-30, 2009



The new Beijing South Railway Station

Organized by

School of Civil Engineering, Beijing Jiaotong University, China
Research Center of Urban Rapid Rail Transit, BJTU & BUEDRI

Sponsored by

Natural Science Foundation of China
Japan Society of Civil Engineering
Institute of Noise Control Engineering, Japan
Natural Science Foundation of Beijing, China
The Japanese Geotechnical Society

Zhejiang University, China

Tongji University, China

Harbin Institute of Technology, China

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Invitation

The environmental vibrations, caused mainly due to train/road traffic, construction activities and factory operations, are being investigated, globally, for their prediction, control and mitigation, basically, to improve the quality of life and robust infrastructure in the modern high tech society. The School of Civil Engineering, Beijing Jiaotong University in China is honored to be the organizers of the 4th International Symposium on Environmental Vibration: Prediction, Monitoring and Evaluation (ISEV2009). This symposium, sequel to the first one held in Hangzhou, China in October 2003, the second one in Okayama, Japan in September 2005, and the third one in Taipei 2007, will provide an international forum to exchange the knowledge, ideas and experiences for pursuing research on prediction, control and mitigation of environmental vibrations. Those who are interested in the environmental vibrations are welcome to participate in this symposium.

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Subjects

The symposium includes the topics below:

- ◆ Wave propagation in soils
- ◆ Soil-structure dynamic interaction

- ◆ Numerical method for soil dynamics, soil-structure dynamic interaction
- ◆ Prediction and simulation method for environmental vibration
- ◆ Vibration effects on human perception
- ◆ Vibration effects on high-precision machines
- ◆ Vibration effects on buildings Field measurement of environmental vibration caused by traffic, construction, machines, wind, etc.
- ◆ Environmental vibration monitoring and evaluation
- ◆ Development of vibration mitigation measures
- ◆ Vibration analysis of ground, underground and elevated structures induced by vehicles and other loads
- ◆ Vibration monitoring, evaluation and control of structures induced by vehicles and other loads
- ◆ Measures in reducing environmental impact of vibrations from moving vehicles
- ◆ Assessment on structural safety and serviceability of railway, roadway and pedestrian bridges

Call for papers

Besides the invited keynote lectures on the state-of-the-art and the state-of-the-practice of environmental vibrations, papers of original nature for presentation to ISEV2009 are invited to be presented at the conference on the above topics, and to be included in the conference proceedings. Author(s) are invited initially to submit a one page (A4) abstract (around 300 words) in English with a paper title, authors' name, affiliation, mailing address, telephone/facsimile numbers and E-mail address outlining the major content and conclusions. The papers should be submitted by authors by e-mail, fax, or mail to the conference secretariat. We strongly encourage the submission of abstracts electronically. The Scientific Committee will check all the submissions for selecting qualified papers into the pre-published proceedings.

Important Date

Submission of abstracts:	December 1, 2008
Acceptance of abstracts:	January 10, 2009
Submission of full papers:	March 31, 2009
Acceptance of full papers:	April 30, 2009
Symposium:	October 28~30, 2009

Contact us

Professor He XIA (Chairman, Organizing Committee)
 School of Civil Engineering
 Beijing Jiaotong University, Beijing 100044, China
 Phone: +86-10-51683660, Fax: +86-10-51683340
 E-mail: hxia88@163.com; Junedragon@163.com