

MiniSymposium on Coupled Problems in Environmental Engineering

To be held at the Fifth U.S. National Congress on Computational Mechanics
Wednesday-Friday, August 4-6, 1999, University of Colorado at Boulder, CO, USA

Symposium Organizers: B. A. SCHREFLER, H. RAJARAM

Environmental problems are essentially multiphysics problems and often involve coupling of several fields. This MiniSymposium will provide a forum for presentation and discussion of innovative numerical techniques for the solution of such coupled problems in the field of environmental engineering.

Contributions are solicited in the following areas:

- Environmental geomechanics
- Soil pollution due to chemical pollutants, heavy metals, non aqueous phase liquids
- Pollutant transport in partially and fully saturated soil
- Confinement of industrial, municipal and nuclear waste
- Durability of geomaterials such as natural stone, concrete and brick
- Surface subsidence due to groundwater withdrawal and above hydrocarbon reservoirs
- Inverse problems related to environmental engineering
- Natural hazards: avalanches, land slides
- Innovative numerical techniques for coupled problems
- Operator splitting techniques
- Efficient time stepping schemes for coupled problems
- Contaminant transport

Submission Instructions

If you are interested in contributing to this MiniSymposium, please submit a one-page abstract of up to 400 words by e-mail to Professor Schrefler *on or before January 15, 1999*. Abstracts sent by Fax or regular mail will not be considered.

Abstracts may be submitted in one of two forms: (1) plain text, (2) T_EX source compatible with the Plain T_EX format, or Please *do not* include figures or graphics. Avoid equations in title or text. Greek letters are acceptable if the abstract is submitted in T_EX. For samples of forms (1) and (2) click links in <http://civil.colorado.edu/usnccm99/Abstracts.d/Information.html>

If the abstract is co-authored it must identify the e-mail of the corresponding author. All subsequent correspondence will take place by e-mail.

Abstracts deemed to fit the scope and objectives of the Symposium will be communicated to the Congress organizers and notification of acceptance will be given by e-mail to the corresponding author.

A final version for inclusion in the printed book of Abstracts may be submitted before May 15, 1999. This final form is to be sent directly to the Congress e-mail address following the instructions posted on the Web site.

MiniSymposium Organizer Addresses

Professor Bernhard A. Schrefler
Department of Structural and Transportation Engineering
University of Padua
via F. Marzolo 9 - 35131- Padova, Italy
Phone: +39 (0)49 8275611, Fax: +39 (0)49 8275604
e-mail: bas@caronte.dic.unipd.it

Congress Program and Registration Information

Posted at: <http://civil.colorado.edu/usnccm99>