

# MEMORANDUM

Of understanding between Moscow State University of Civil Engineering (Russian Federation) and School of Civil Engineering & Architecture of Northern Jiaotong University, People's Republic of China.

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The main objective of this memorandum is to expand and strengthen the relationships between institutions of higher education in the areas of cooperation which will establish and develop contact in science and technique, quality control and training of specialists.

1. Main focus of cooperation between the two partner institutions, further named like Parties would be:

- exchange of professionals and information in educational, scientific and operational field;
- exchange of teachers and researchers for lectures, seminars, consultations, joint researches and operational work;
- exchange of post-graduate students and young scientists for studies, training and upgrading of their qualifications;
- exchange of students for different periods of time and in different fields of study including working practice;
- including joint research in areas of common interests;
- preparation of joint monographs, books and scientific papers etc.;
- invitation of representatives of the partner institution to participate in the conferences, congresses and symposiums etc. of mutual interests;

2. The scope of cooperation may be expanded as per the agreement of both Parties.

3. The present memorandum does not exclude the possibility of joint collaboration in any other area agreed upon by both the parties.

4. Both parties have equal rights to use the results of joint works.

5. A working plan of 2-3 years, coordinate by rectors or vice-rectors, is proposed for executing the above programs which is expected to give a concrete share to all aspects of cooperation.

6. As per the agreement Finances will be handled as follows:

- travel of experts to the capital of host institute will be borne by the institute sending them;
- host institute will bear all local expenditure boarding; lodging and daily allowance; medical expense in case of emergency;
- organize the program of accommodation, necessary conditions for work and also meetings and seeing of the participants.

The indicated expenditure for the participants will depend on the economic condition of participants.

7. The present memorandum of understanding is effective from the date it is signed by the both parties. It can be annulled by a written declaration from either side. Changes in the memorandum of understanding can be made only upon agreement by the both parties.



PROFESSOR HE XIA

DEAN OF THE SCHOOL OF  
CIVIL ENGINEERING &  
ARCHITECTURE,  
NORTHERN JIAOTONG  
UNIVERSITY



Vice RECTOR OF MOSCOW  
STATE UNIVERSITY OF  
CIVIL ENGINEERING

Dec. 2. 2000

## APPENDIX TO THE MEMORANDUM


According to the memorandum between two universities, the faculty of soil mechanics, base and foundation, Moscow State University of Civil Engineering and the institute of tunneling geotechnical engineering and Northern Jiaotong University have achieved the following agreements:

Conduct joint research on constitutive modelling for unsaturated soil;

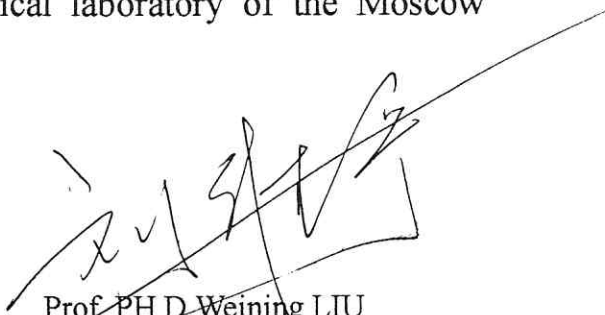
Conduct joint programming for computation of unsaturated flow and deformation in unsaturated soil;

Conduct joint research in vibro-creep of soil as roadbed material;

Jointly apply for the support of Chinese foundation for natural science and the Russian foundation for fundamental sciences. In case ratification of the application, for its conduction all parts will have the right to use testing equipment for execution of the foundation in underground engineering and environmental laboratory of Northern Jiaotong University and the theoretical geotechnical laboratory of the Moscow State University of Civil Engineering.



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