



United Nations
Educational, Scientific and
Cultural Organization

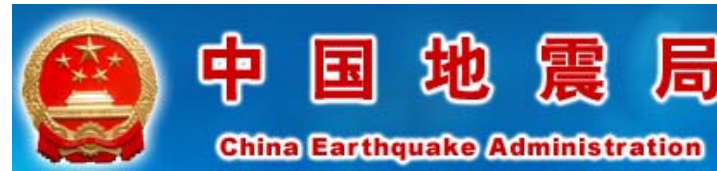
Organisation
des Nations Unies
pour l'éducation,
la science et la culture

Organización
de las Naciones Unidas
para la Educación,
la Ciencia y la Cultura

Организация
Объединенных Наций по
вопросам образования,
науки и культуры

منظمة الأمم المتحدة
للتربية والعلم والثقافة

联合国教育、
科学及文化组织



International Workshop on Earthquake Risk Reduction in the Northeast Asian Region

30 November – 3 December 2009
Beijing, China

Logistics Information

International Workshop on Earthquake Risk Reduction in the Northeast Asian Region

Initiating cooperation on earthquake data analysis in the Northeast Asia Region

UNESCO is exploring the timeliness, possibility and opportunity of pursuing a cooperative activity on earthquake data analysis which will be jointly promoted by UNESCO and the U.S. Geological Survey (USGS) in the sub-region of North East Asia comprising the Republic of Korea, the Democratic People's Republic of Korea, Japan, Mongolia, People's Republic of China and the Russian Federation.

UNESCO, the USGS and earthquake science organizations in the South Asia Region have been jointly carrying out since 2001 an activity for Reducing Earthquake Losses in South Asia Region (RELSAR). This activity involves seismologists and earthquake engineers. Participants from Afghanistan, Bangladesh, China, France, India, Indonesia, Iran, Nepal, Pakistan, Sri Lanka, Thailand, the United Kingdom, and the United States have attended workshops in the framework of this activity over the past years, workshops jointly organized by UNESCO and the USGS. Funds for these workshops were essentially provided by USA, on an extrabudgetary basis as a donation to UNESCO. The dates and location of these workshops entitled "International Workshop on Seismic Analysis in the South Asia Region" were as follows: the First Workshop was held in Kathmandu in September 2001; the second hosted by China Seismological Bureau (CSB), Kunming, China, 13-6 May 2002; the Third in Colombo, Sri Lanka, 30 September – 3 October 2003; the Fourth hosted by the Geological Survey of Bangladesh and the Bangladesh Atomic Energy Commission, Dhaka, Bangladesh, 12-15 September 2004; the Fifth was held in Xi'an, China, and co-hosted by the China Earthquake Administration and the Shanxi Earthquake Administration, 12-15 November 2005; the Sixth was co-hosted by the Coordinating Committee for Geosciences Programmes in East and Southeast Asia (CCOP) and the Department of Mineral Resources, Thailand, 4-7 December 2006, and the Seventh was held in Thimphu, Bhutan, 2-5 June 2008.

A similar effort is jointly carried out by UNESCO and the USGS, since 1993, in the Middle East region where a programme for Reducing Earthquake Losses in the Extended Mediterranean Region (RELEMR) is under way. Professionals from Egypt, Kuwait, Israel, Jordan, Lebanon, Syria, Turkey, Yemen, the Palestinian Authority, and other countries participate in the workshops of this programme.

Beyond their scientific value and merit, these programmes offer a forum for scientists and engineers from countries presenting a diversity of contexts to work together under UNESCO's umbrella and discuss regional approaches to improve collaboration in earthquake data exchange and analysis.

The USGS has proposed to UNESCO to now consider to initiate a similar or comparable USGS/UNESCO effort for the sub-region of North East Asia comprising the Republic of Korea, the Democratic People's Republic of Korea, Japan, Mongolia, People's Republic of China and the Russian Federation. The first step in this planned effort will be to hold the development of this international workshop, which is hosted in China by the China Earthquake Administration, under the aegis of UNESCO and in closed cooperation with the USGS.

Agenda

**International Workshop on Earthquake Risk Reduction in the Northeast Asian Region
30 November – 3 December 2009
Beijing, China**

Sunday, November 29th 2009

	6:00-24:00	Participants arrive in Beijing
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Monday, November 30th 2009

Opening Session	9:30-10:30	<p>Chairpersons: Liu Yuchen and Ren Jinwei, CEA</p> <p>Speakers:</p> <ul style="list-style-type: none"> ▪ Liu Yuchen, Vice Administrator, China Earthquake Administration ▪ Abhimanyu Singh, Director and Country Representative, UNESCO Beijing Office ▪ Jack Medlin, Regional Specialist for Asia and the Pacific, U.S. Geological Survey (USGS) ▪ Ren Jinwei, Director, Institute of Earthquake Science China Earthquake Administration ▪ Badaoui Rouhban, Director, Section for Disasters Reduction, UNESCO, Paris <p>Introductions: Participants introduce themselves giving their country, institution, and scientific/engineering background</p>
	10:30-11:00	Coffee/tea break
Keynote Addresses	11:00-12:30	<p><i>Chairperson: Jack Medlin, USGS</i></p> <p>Ren Jinwei, China: <i>Seismicity and Active Tectonics of the Northeast Asian Region</i></p> <p>Koichi Kajiwara, Japan: <i>Earthquake hazard mitigation and research efforts.</i></p>

	12:30-14:00	Lunch
SESSION I	<p>14:00–14:20</p> <p>14:20-14:40</p> <p>14:40–15:00</p> <p>15:00–15:20</p> <p>15:20–15:40</p>	<p>Seismic networks in the Northeast Asian Region:</p> <p>Chairperson: Yasuo Awata, Japan</p> <p>[A representative of each country is asked to describe the seismic networks in his/her country]</p> <ul style="list-style-type: none"> ▪ Country Report China Zhang Xiaodong: <i>Earthquake Monitoring and Seismicity Characteristics in China</i> ▪ Country Report Japan Kenji Satake: <i>Earthquake activities and the seismic networks in Japan</i> ▪ Country Report Mongolia Demberel Sodnomsambuu: <i>Earthquake activities and the seismic networks in Mongolia</i> ▪ Country Report Republic of Korea Duk Kee Lee: <i>Earthquake activities and the seismic networks in the Republic of Korea</i> ▪ Country Report Russian Federation Alexey Malovichko: <i>Earthquake activities and the seismic networks in the Russian Federation</i>
	15:40-16:00	Coffee/tea break
SESSION II	16:30-18:00	<p>Discussion of other regional UNESCO programs – Part I:</p> <p>Chairperson: Badaoui Rouhban, UNESCO</p> <p>Frederick Simon: <i>Summary of RELEMR and RELSAR</i></p> <p>Open discussion focusing on the Northeast Asia Region</p>

Tuesday, December 1st 2009

SESSION III	9:00-9:20	<p>Major Earthquakes and Seismic Activity in the Northeast Asian Region:</p> <p>Chairperson: Alexey Malovichko, Russian Federation</p> <ul style="list-style-type: none"> ▪ Jiang Haikun: <i>Major earthquakes in northern China and Summary of the M=8.0 Wenchuan, China, Earthquake of May 12, 2008</i> ▪ Evgeny Rogozhin: <i>Seismotectonics and major earthquakes of the Far East region of the Russian Federation</i> ▪ Kenji Satake: <i>Recurrence of Great Earthquakes and Tsunamis</i> ▪ Ulziibat Munkhuu: <i>Recent seismic activity around Ulaanbaatar area, capital of Mongolia</i> ▪ Walter Mooney: <i>The deadly Padang, Sumarta (Indonesia) M=7.6 earthquake of Sept. 30, 2009: Field and Seismological Observations</i>
	9:20-9:40	
	9:40-10:00	
	10:00-10:20	
	10:20-10:40	
	10:40-11:00	Coffee/tea break
SESSION IV		<p>Seismic Hazard Assessment in the Northeast Asian Region:</p> <p>Chairperson: Duk Kee Lee, Republic of Korea</p> <ul style="list-style-type: none"> ▪ Video (6 minutes): <i>The L'Aquila, Italy, Earthquake of 2009</i> ▪ Alexey Malovichko: <i>The development of Russian seismic station network in the Northeast Asian region</i> ▪ Kenji Satake: <i>CSEP-Japan: A rigorous earthquake forecast system based on seismicity data</i> ▪ Mengtan Gao: <i>The main feature of seismic hazard and risk in China</i> ▪ Demberel Sodnomsambuu: <i>Development of seismic monitoring system in Mongolia</i>
	11:00-11:10	
	11:10-11:30	
	11:30-11:50	
	11:50-12:10	
	12:10-12:30	
	12:30-14:00	Lunch

SESSION V	14:00-14:20	<p>Seismology, geology, and earthquake engineering in the Northeast Asian Region:</p> <p>Chairperson: Demberel Sodnomsambuu, Mongolia</p> <ul style="list-style-type: none"> ▪ Video (10 min.): <i>Earthquake Early Warning: An Introduction</i> ▪ Koichi Kajiwara: <i>E-Defense Facility</i> ▪ Dmitry A. Storchak, <i>ISC: Integrating Seismic Bulletins in the North East Asia (1960-2009)</i> ▪ <i>To be determined</i>
	14:20-14:40	
	14:40-15:00	
	15:00-15:30	
	15:30-16:00	Tea/Coffee Break
SESSION VI	16:00-17:30	<p>Discussion of other regional UNESCO programs – Part II:</p> <p>Chairperson: Badaoui Rouhban, UNESCO</p> <p>Open discussion focusing on the Northeast Asian Region</p>
		19:00

Wednesday, December 2nd 2009

FIELDTRIP	9:00-12:30	Visit to the China National Training Base for Search and Rescue
	12:30-14:00	Lunch
	14:30-17:00	Visit to the China Earthquake Networks Center

Thursday, December 3rd 2009

SESSION VII	9:00-9:20	<p>Seismicity and Tectonics in the Northeast Asia Region:</p> <p>Chairperson: Gao Mengtan, China</p> <ul style="list-style-type: none"> ▪ Yasuo Awata: <i>Characteristics of size and long-term slip-rate of the segmented major active-faults in Japan</i> ▪ He Honglin: <i>Seismicity and Tectonics in northern China</i> ▪ Winston Chan: <i>3-D Velocity tomography of Korean peninsula and surrounding regions</i> ▪ <i>To be determined</i>
	9:20-9:40	
	9:40-10:00	
	10:00-10:30	
	10:30-11:00	Coffee/tea break
SESSION VIII	11:00-13:00	<p>Closing Session and Discussion of future activities in the Northeast Asia Region:</p> <p>Chairpersons Walter Mooney, USGS and Frederick Simon, UNESCO</p>
	13:00-14:30	Lunch
	14:30-	Free time for one-on-one discussions

Friday, December 4th 2009

	6:00-24:00	Participants Depart from Beijing
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List of Participants

	Participant	Organization	Country
1	Liu Yuchen	China Earthquake Administration	China
2	He Zhende	China Earthquake Administration	China
3	Ren Jinwei	Institute of Earthquake Science, CEA	China
4	Gao Mengtan	Institute of Geophysics, CEA	China
5	Zhang Xiaodong	China Earthquake Network Center, CEA	China
6	He Honglin	Institute of Geology, CEA	China
7	Jiang Haikun	China Earthquake Network Center, CEA	China
8	Wang Manda	China Earthquake Administration	China
9	Li Jing	Institute of Earthquake Science, CEA	China
10	Zhu Fangfang	China Earthquake Administration	China
11	Peng Fei	Institute of Earthquake Science, CEA	China
12	Yasuo Awata	Active Fault and Earthquake Research Center	Japan
13	Kenji Satake	Earthquake Research Institute, University of Tokyo	Japan
14	Koichi Kajiwara	Institute for Earth Science and Disaster Prevention	Japan
15	Duk Kee Lee	Korea Meteorological Administration	Korea, Republic of
16	Young Soo Jeon	Korea Meteorological Administration	Korea, Republic of
17	Chi Heoncheol	Korea Institute of Geosciences and Mineral Resources	Korea, Republic of
18	Geun Young Kim	Korea Institute of Geosciences and Mineral Resources	Korea, Republic of
19	Demberel Sodnomsambuu	Research Center for Astronomy and Geophysics	Mongolia
20	Ulziibat Munkhuu	Research Center for Astronomy and Geophysics	Mongolia
21	Badral Ganbold	Mongolian Academy of Science	Mongolia
22	Alexey Malovichko	Russian Academy of Science	Russian Federation
23	Evgeny Rogozhin	Russian Academy of Science	Russian Federation
24	Dmitry Storchak	International Seismological Centre	United Kingdom
25	Jack Medlin	U.S. Geological Survey	United States of America
26	Walter Mooney	U.S. Geological Survey	United States of America
27	Winston Chan	Array Information Technology	United States of America
28	Abhimanyu Singh	UNESCO, Beijing Office	China
29	Badaoui Rouhban	UNESCO, Paris	France
30	Ramasamy Jayakumar	UNESCO, Beijing Office	China
31	Frederick Simon	UNESCO, Paris	France
32	Jair Torres	UNESCO, Paris	France

General information about China

Official language: Chinese

Currency and exchange rate: CNY is the official currency of China. You can exchange money at banks, which are open from 9:00 a.m. to 5 p.m. the whole week.

1 CNY = 0.15 US\$ Dollars
US\$1 = 6.85 CNY

China has a national network of cash machines (ATMs) identified by the symbol ATM, from which you can withdraw cash 24 hours a day. In China, the most commonly used credit cards are: Visa, MasterCard, JCB and Maestro.

Time zone: The official time in China is 8 hours later than the Universal Time Coordinated (UTC).

Weights and Measures: Metric system

Average Temperature: For the period of November/December the average temperature is -1.5 °C (29.3 °F). You may feel cold outside, thus, please bring with you jacket or down coat.

National Emergency Number: 110



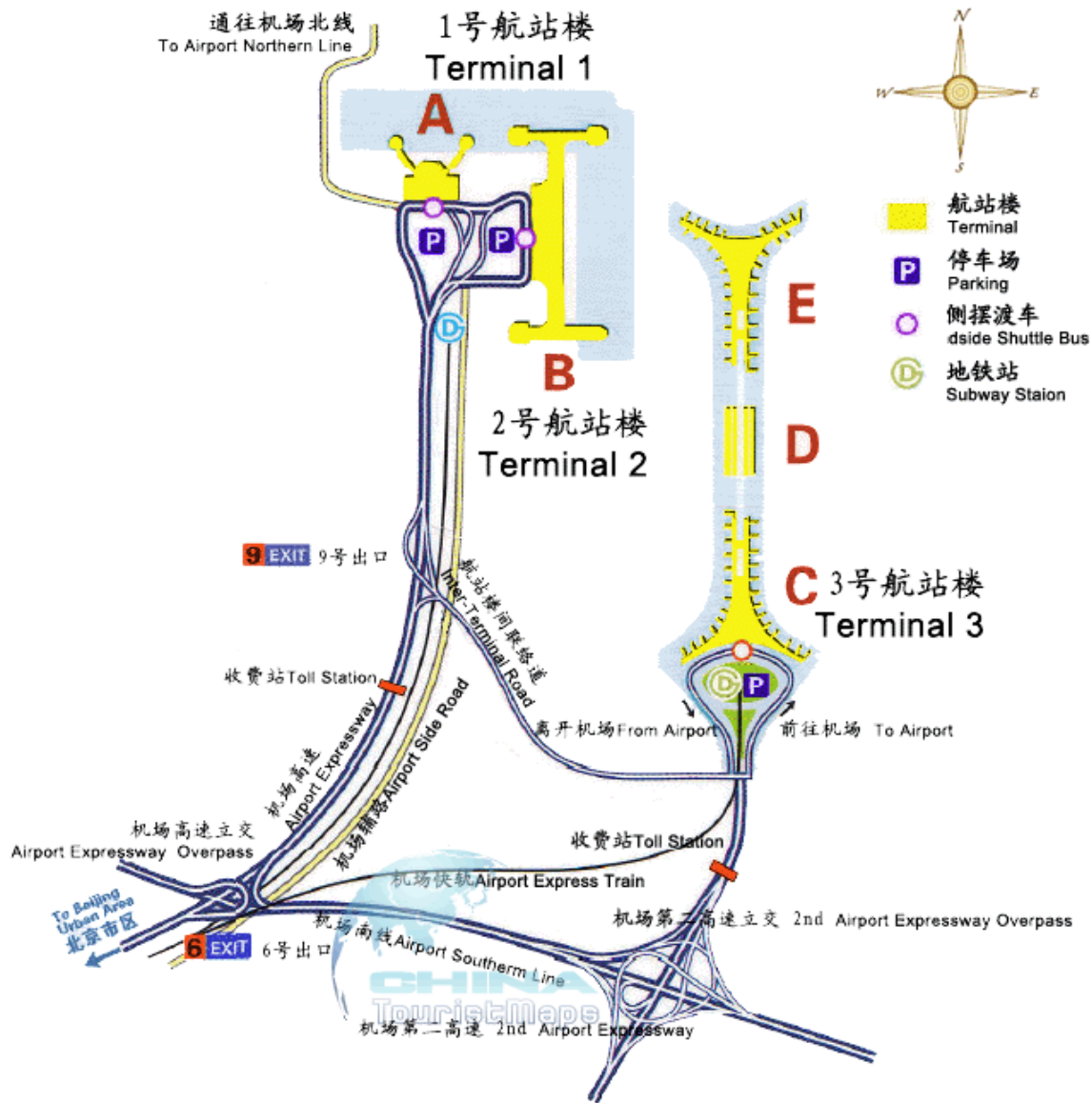
Tipping: Service is included in the bill in restaurants.

Electricity: The electric current in China is 220 volts at a frequency of 50 hertz and sockets are as follows:



Arriving in Beijing

Map of Beijing Capital International Airport



Airport Transfer



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中国地震局
China Earthquake Administration



USGS
science for a changing world

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You will arrive at China Capital International Airport. As the airport has three terminals, CEA staffs will meet you accordingly at the exit of respective terminal. You will be provided with transfer transportation from the airport to the Hotel (and vice versa). After having claimed your luggage you should find the exit. There, a staff from CEA will be waiting for you in order to bring you to the Xiyuan Hotel.

Contact Person: **Ms. Li Jing**
Mobile: **+86-13901337640**

In case you miss the pick-up, take the subway "Airport Express" from the airport to the station "Dong Zhi Men", and then make a transfer to "Line 2", and get off at the station of "Xi Zhi Men", where you can take a taxi to the hotel, which may cost you around 10 CNY.

About the Airport...

Beijing Capital International Airport is located in northeast of Beijing, capital of People's Republic of China, and 25.35km from the Tiananmen Square, center of Beijing city. It is not only an aviation gateway of Beijing and a window for international communication, but also a radial center for China civil aviation network, featured in a large-scale international airport, with most important location, biggest scale, fullest facilities and busiest transportation in China.

Xiyuan Hotel

Beijing Xiyuan Hotel, belonging to Capital Tourism group, is a large business hotel with various services at different level from 3-star to 5-star. With courtyard area of 80,000 square meters and green area of 20,000 square meters, the hotel mainly consists of a 30-storey main building and ten 3-storey houses. The hotel has a good location: 35 km away from the airport and 10 km away from the railway station. It is located in the core area of Beijing's western business center.

Hotel expense will be directly paid by UNESCO. You will be responsible for any incidental expenses.

Address:

No.1 Sanlihe Road, Haidian District, Beijing

Postal Code: 100044

Tel: +86 10 6831 3388

Fax: +86 10 6831 4577

Email: xyhotel@public3.bta.net.cn

Website: www.xiyuanhotel.com.cn





Venue of the Workshop

The workshop will be held at the Conference Room “Hongyun No.6” of Xiyuan Hotel. Please take the lift to the 4th floor, follow the indication of the workshop, you will find a staircase to the 3rd floor. Walk down, and you will find the conference room.



Field Trip

You will have a visit to China Earthquake Networks Center and the National Training Base for Search and Rescue on Dec. 2nd.

China National Training Base for Search and Rescue



National Training Base for Search and Rescue located at the foot of the Phoenix Hill of Beijing, covering an area of around 4,500,000 square meters, including 6,700 square meters of debris for training of the search and rescue numbers. The main goal of the base is for the training of earthquake emergency management, urban search and rescue capabilities and dissemination of knowledge on earthquake preparedness and mitigation.

China Earthquake Networks Center

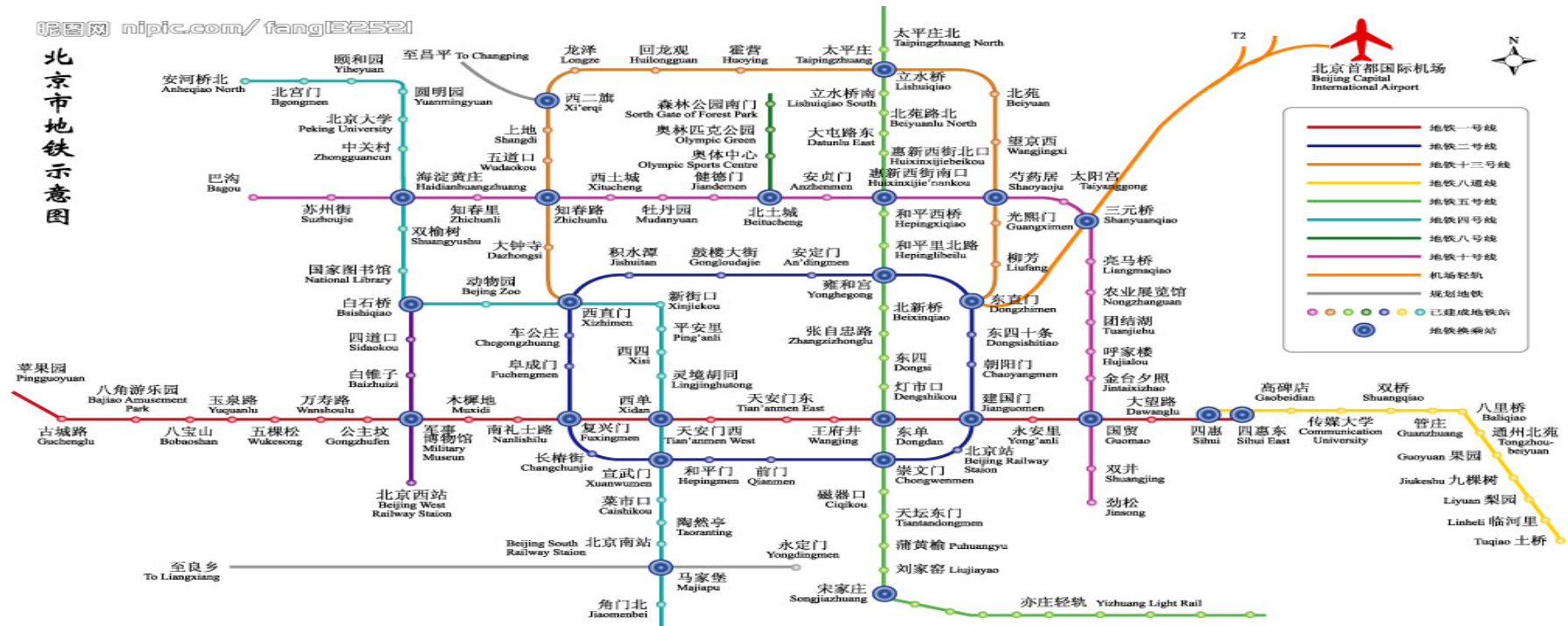


Being a non-profit agency directly under the China Earthquake Administration, CENC shoulders the primary responsibilities of earthquake monitoring, prediction, emergency response, as well as the collection, processing and service of all types of seismic data. CENC serves as the junction center and key technical platform of the earthquake preparedness and disaster mitigation in China, as well as the portal for international exchange of seismic information.

Transportation in Beijing

Subway

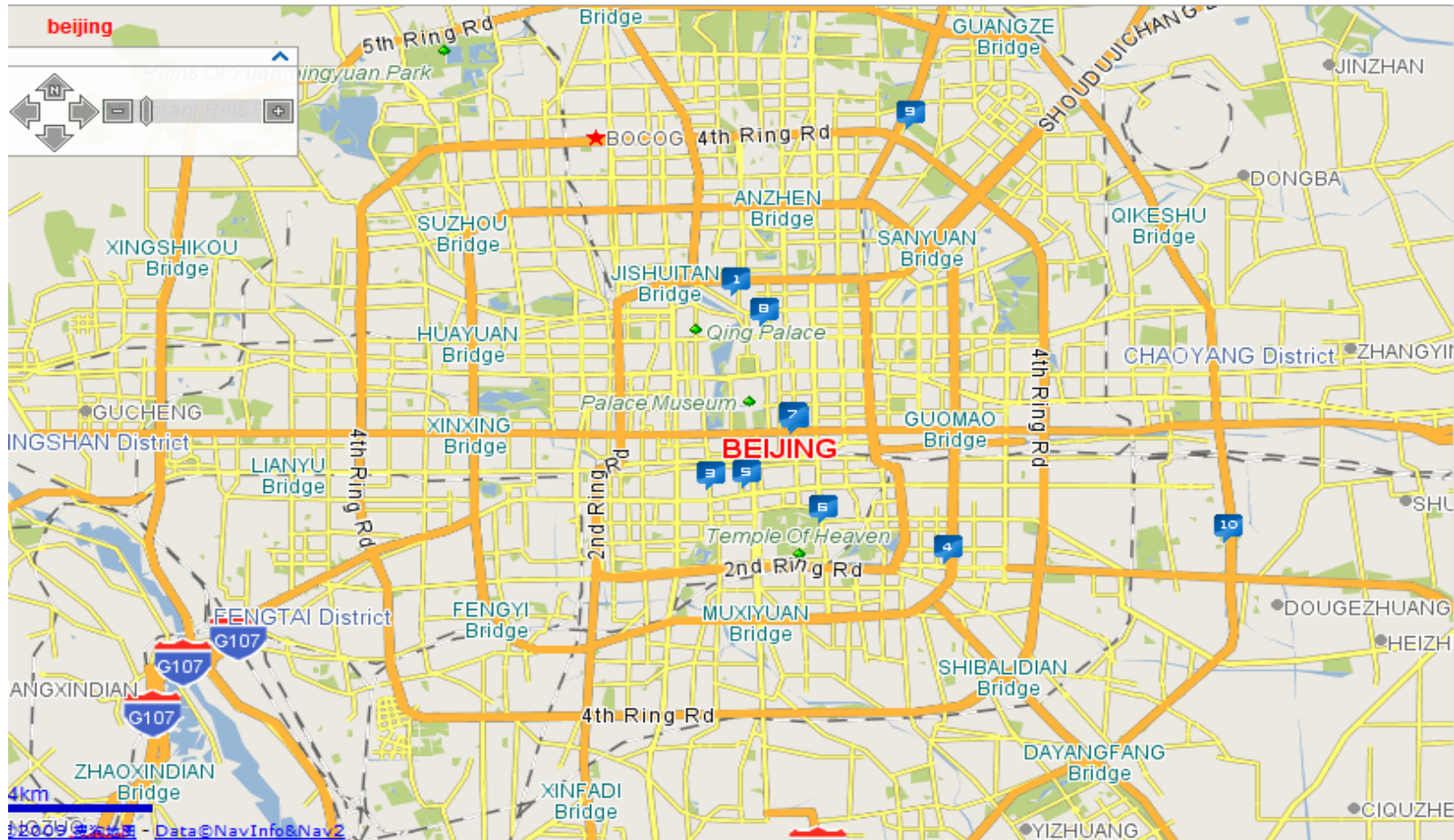
The underground is an important addition to the traditional forms of public transport. It operates between 5 a.m. and 11 p.m.



Taxi

A starting fare of 10 CNY is required when taking a taxi in Beijing, covering 3 km. For the distance between 3km to 15km, you will need to pay 2 CNY per km. A new regulation of Beijing government says that another 1 CNY will be needed for each trip; however, no determined time for implementation is decided.

Map of Beijing



Wishing you a safe journey to Beijing!!!

For any query please contact:

Li Jing

Institute of Earthquake Science
China Earthquake Administration
Tel: +86-10-88015600
Mobile: +86-13901337640
Fax: +86-10-68210095
lijing@seis.ac.cn

Zhu Fangfang

Department of International
Cooperation
China Earthquake Administration
Tel: +86-10-88015535
Mobile: +86-10-13811636727
Fax: +86-10-68210995
zhuff@cea.gov.cn

Jair Torres

Section for Disaster Reduction
UNESCO
1, rue Miollis
75732 Paris cedex 15 — France
Tel. +33 (0)1 45 68 4122
Fax. +33 (0)1 45 68 5821
j.torres@unesco.org