



Ulaanbaatar's Chinggis Khaan International Airport, the gateway to Mongolia.

Sapporo Hosts Working-Level Officials Meeting

The Working-Level Officials Meeting (WLOM) of the World Winter Cities Association for Mayors (WWCAM) was held in Sapporo on 29 and 30 July 2011 and was attended by 41 people from 14 cities and five organizations of seven countries.

Participants: Member cities: 27 people from 11 cities of seven countries: Changchun, Harbin, Qiqihar, Shenyang (China); Maardu (Estonia); Sapporo (Japan); Ulaanbaatar (Mongolia); Tromsø (Norway); Hwacheon and Taebaek (Korea); and Anchorage (U.S.A.).

Observers: Fourteen people from three cities and five organizations, including Dr. Akhilesh Surjan, assistant professor of the United Nations University, the cities of Ishikari, Takikawa, and Chitose (Japan), and others.



WWCAM city representatives at the Working-Level Officials Meeting in Sapporo.

WLOM Meeting topics:

- 15th Mayors Conference to be held in Ulaanbaatar, Mongolia in January 2012;
- Winter Expo to be held in conjunction with the Mayors Conference;
- Revitalization Projects presented by the City of Hwacheon, Korea;
- WWCAM improvement plans;
- Operation and management of the WWCAM.



Mr. Amarsanaa, head of the Foreign Relations and Cooperation Department, city of Ulaanbaatar.

15th Mayors Conference Discussed

Major topics of the WLOM were the fifteenth Mayors Conference to be hosted by the city of Ulaanbaatar in January 2012 and the Winter Expo. The two events will be held concurrently, and representatives of the city of Ulaanbaatar made presentations on these two major events.

The main theme of the Ulaanbaatar Mayors Conference is "Energy Supply and Efficient Consumption of Heat Supply in Winter Cities." Conference participants are expected to discuss issues related to the theme, including heat supply and air pollution, which are serious concerns in Ulaanbaatar. It is hoped that the conference will reveal useful ideas for the solution of these issues.

Energy is an issue currently attracting global attention. Therefore, not only WWCAM member cities, but any cities and groups that are interested in the issue are welcome to attend the conference. Please contact the Secretariat of the WWCAM for details regarding participation in the Mayors Conference.

Revitalization Project Report from Hwacheon

Hwacheon, Republic of Korea, reported on activities that the city has conducted to date as well as future plans for the WWCAM Member Cities PR Project, which was approved at the 2010 WLOM in Ulaanbaatar.

As part of PR Project activities, winter-related items such as traditional costumes and clothes, dolls, crafts, posters, and pamphlets were displayed at a WWCAM PR Zone from January to February 2011.

Hwacheon also organized a World Winter City Symposium on

WWCAM PR Zone, Hwacheon.



Ms Hyun Sook Lee, director, Administrative Management Division, Hwacheon.



be displayed at another location throughout the year. Hwacheon expects more member cities to participate in the project next time.

Winter City Symposium, Hwacheon.

Report from the Environmental Protection Subcommittee

A meeting of the WWCAM Environmental Protection Subcommittee was held during the Working-Level Officials Meeting, and Changchun, China, the subcommittee secretariat, made presentations on “an analysis of sources of particulate matter in the air in winter season” and on “the mitigation of the negative impact of snow melting agents on the environment.” The following is a summary of the presentation.

From the analysis of collected pollution samples, the city has identified characteristics of substances causing pollution.

In the research on the mitigation of the negative impact of snow melting agents on the environment, a survey was conducted on the use of traditional snow melting agents and their environmental impacts. Underground water and soil were



Mr. Wen Yan, director-general, Environmental Protection Bureau, Changchun.

monitored in different places and analyzed for the components. The research found changes in the physicochemical property of the soil, damage to plants, underground water pollution, and a decrease in durability of asphalt.

Changchun will continue the project. The city will periodically conduct research on particulate matter in the air, analyze influencing factors, and develop a management/analysis system based on a Geographical Information System.

For the mitigation of the negative im-



Collecting samples of road dust (left) and air dust. Changchun Environmental Protection Bureau.

impact of snow melting agents on the environment, the city will monitor the water quality of rivers and underground sources, test snow melting agents, and research and develop new types of environmentally-friendly and cost-effective products.

Dr. Akhilesh Surjan Lecture and Sapporo Emergency Management and Fire Bureau Reports

“Cities and Global Environmental Issues”

Dr. Akhilesh Surjan, assistant professor at the United Nations University, spoke on “Cities and Global Environmental Issues: From Risk to Resilience” at the WWCAM Working-Level Officials Meeting in July. Dr. Surjan stressed the need to look at urban risks because 50 percent of cities in the world are located in areas potentially impacted by natural disasters, such as earthquakes, landslides, and tropical cyclones, as urbanization increases. The following is a summary of Dr. Surjan’s speech.

- The rate of urbanization was two percent in 1800, and the United Nations estimates a rate of 61 percent by 2030. By 2015, 22 cities around the world will have populations in excess of 10 million. Half of all cities are in areas likely to be affected by destructive natural phenomenon. With these factors in mind, we need to focus on urban risk.

- Some estimates suggest that if greenhouse gas emissions from human activities continue at current levels, the average global temperature will increase by three degrees and

the sea levels will rise 60 cm (23.62 inches) by 2100.

- It is necessary to reduce over 60 percent of current emissions from human activities in order to maintain current greenhouse gas concentration levels. Wet and dry seasons will become more distinct and various risks will arise, including landslides, a decrease in freshwater resources, and endemic disease.



Dr. Akhilesh Surjan, assistant professor, United Nations University.

- Urbanization is a result of the movement of people from rural to urban areas for political, economic, and social reasons, such as lower standards of living and unemployment. In India, 30 percent of the country’s population live in

urban areas, but estimates suggest that this percentage

accounts for over 60 percent of the national economy. Additionally, when urbanization is considered, it should be discussed in terms not only of cities but also of regions.

After Dr. Surjan’s speech, the Sapporo Emergency Management Office and the Fire Bureau reported on the city’s disaster-relief responses to the Great East Japan Earthquake.

Outline of the Ulaanbaatar Mayors Conference

- Period: January 13, Fri. to 15, Sun., 2012
- Venue: Ulaanbaatar Hotel (Ulaanbaatar, Mongolia)
- Main theme: Energy Supply and Efficient Consumption of Heat Supply in Winter Cities

Sub-themes: Efficient Use of Energy Supply/ Electricity; Efficient Use of Heat Supply; and Air Pollution

Sapporo Events Held in Conjunction With the WLOM

Winter Cities are introduced in a panel display in the Sapporo Underground Walkway



The WWCAM organized the following events to publicize member cities as well as the activities of the World Winter Cities Association for Mayors.

- Display of panels introducing the World Winter Cities Association. Panels are displayed for five days from July 25 to 29 at approximately 520-me-



Winter Cities Festa: a presentation of winter cities in photos and film.

ter long Sapporo Underground Walkway which opened at the city center in March. The walkway has been used by large number of people.

- Winter Cities Festa. Representatives of the member cities introduced their cities in the lobby of the Sapporo City Hall using photos and films.

Tentative Program for the 15th Mayors Conference, Ulaanbaatar, January 2012

Date	Program
13 January Friday	Opening Ceremony; General Assembly; Presentations by candidate cities to host the seventeenth Mayors Conference in 2016, followed by voting to select the host city. Mayors Conference: 1. Energy supply and efficient consumption of heat supply in winter cities. Mayors Conference: 2. Efficient use of energy supply/electricity. Opening Reception hosted by the mayor of Ulaanbaatar.
14 January Saturday	Winter Expo Opening Ceremony, keynote speech. Report by the WWCAM Environmental Protection Subcommittee, Changchun, China. Mayors Conference: 3. Air pollution in winter cities. Plenary Session; Closing Ceremony. Banquet hosted by the WWCAM president.
15 January Sunday	City tour; Farewell dinner

Ulaanbaatar Winter Expo

Winter- and snow-related machinery and products will be exhibited, and various technologies will be introduced at the Winter Expo in Ulaanbaatar.

- Period: 14 and 15 January 2012.
- Venue: Business Development Center, Ulaanbaatar, Mongolia
- Exhibits: There are no restrictions regarding exhibiting items. Any winter- and snow-related items can be exhibited.
- Non-member cities can take part in the Expo as exhibitors and are welcome to visit the venue.

For details regarding participation in the Ulaanbaatar Winter Expo, please contact the WWCAM Secretariat.



Downtown Ulaanbaatar.

Ulaanbaatar in Brief

Ulaanbaatar is the political, economic and cultural center of Mongolia.

Situated on the banks of the Tuul, Uliastai, and Selbe Rivers, Ulaanbaatar is surrounded by the beautiful foothills of the Bogd, Songino, Chingeltei, and Bayanzurkh Mountains. Ulaanbaatar has 1.3 million inhabitants, almost half the population of Mongolia, and the city produces 40 percent of the country's gross domestic product.

Currently, Ulaanbaatar has sister-city affiliations with 11 cities, friendly ties with 24 cities, and amity ties with 18 cities. Ulaanbaatar has been a member of the World Winter Cities Association for Mayors since 1998.

From
World Winter Cities
Association for Mayors
Secretariat
c/o City of Sapporo
060-8611 JAPAN



To

PRINTED MATTER



PAR AVION
VIA AIR MAIL