

## 2010 APEC workshop on

**“Balancing competing demands of mining, community,  
and environment to achieve sustainable development in mining sector”**

### **Second Circular**

August 31 ~ September 2, 2010

Seoul, Korea



**Asia-Pacific  
Economic Cooperation**



**Ministry of Knowledge Economy**





## 1. Background of the Workshop

In the several meetings of APEC leaders and ministers, environmental issues have been frequently emphasized for sustainable development in the mining sector, which has shown how environmental and social issues have become intensified. APEC projects, conducted by Russia and USA, have been initiated through the networking of experts in sustainable development of mining activities. Key issues for further discussion are the application of sustainable development factors to mining and mine closures, and the basis for balancing between sustainable development initiatives and regulations and practices within the mining industry, especially in developing economies. To identify and analyze these issues, the project committee under the Korea Mine Reclamation Corporation (MIRECO) has conducted a survey and would like to share, and review, the preliminary draft survey results with workshop participants. This workshop will play an important role establishing an effective APEC mining-related experts network by facilitating direct contact of mining officials, experts and industry representatives, furthering sustainable development within the mining sector.

## 2. Objectives of the Workshop

- (1) To interchange and share the case studies of social, economic and environmental impacts from legacy mines and inappropriate mine closure
- (2) To cooperate mine reclamation technologies and leading sustainable development practices relating to mine industry through networking of experts in APEC countries
- (3) To consider recommendations from the survey on practical applications of sustainable development initiatives relating to mining and mine closure in developing economies to stimulate adoption of regulation for appropriate mine closure and to invigorate local economy
- (4) To build up capacity related to mine reclamation and sustainable mining activities practices

## 3. Topics

- ☐ Result analysis obtained from survey and recommendations on how to advance sustainable development initiatives, and improve regulation and practices within the mining industry in developing economies.
- ☐ Case studies on impacts of legacy mine, and inappropriate mine closure, on the environment and community
- ☐ Best available practices on mine reclamation and rehabilitation
- ☐ Mining policies on the impacts to gender concerns and how to properly address this issue
- ☐ Gender analysis on the social, economic, and environmental impact of mining to both men and women
- ☐ Reference database developing on policies, regulations, standards, and technical guidelines related to mine rehabilitation, reclamation, and mine closure among APEC economies



#### **4. Workshop Participants**

The participants of workshop will be policy makers, experts on sustainable development on mining from government, industry representatives, private sector, scientists and academic in APEC economics, especially women in the industry and academic institutions related to mining and mine reclamation.

#### **5. Date and Venue**

The workshop will take place on Aug. 31 – Sep. 2, 2010 at both Coal Center (MIRECO Building) at Seoul and field trip around Kangwon-do area in Korea.

Address: 30 Chungjin-dong Street (Susong-dong), Jongno-gu, Seoul 110-727, Korea

Tel.: +82-2-3702-6744

Fax.: +82-2-3702-6749

#### **6. Workshop Organizers**

Please contact the following with any questions:

##### **Dr. Min Jang**

Project Overseer for the APEC Mining Task Force

Korea Mine Reclamation Corporation (MIRECO),

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##### **Dr. Lunchakorn Prathumratana**

Project Coordinator

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#### **7. Registration**

7.1 The registration form (see Annex A) should be submitted to Dr. Lunchakorn Prathumratana at [lunchakorn@gist.ac.kr](mailto:lunchakorn@gist.ac.kr) by **Wednesday, August 18, 2010**.

7.2 There is no on-site registration.



## 8. Travel Arrangements

All participants are responsible for their own travel arrangements. However travel funding is available for up to two participants from each “Eleven travel-eligible APEC economies (APEC funded participants and speakers)” include Chile, China, Indonesia, Malaysia, Mexico, Papua New Guinea, Peru, Russia, Thailand, Vietnam, and the Philippines. The list of participants from each of these economies should be coordinated with Dr. Lunchakorn Prathumratana (e-mail: lunchakorn@gist.ac.kr) before the APEC Secretariat will coordinate reimbursement for travel. In order to receive the support from APEC, all the participants from the 11 travel-eligible economies should follow the procedures as followings;

1. Obtain an airfare quotation based on a round trip, restricted economy class ticket for your itinerary to finalizing the travel arrangement. The itinerary and quotation should be sent to APEC Secretariat, Ms Linnus Teo at [LTSY@apcc.org](mailto:LTSY@apcc.org) by Wednesday, August 11, 2010 for review and approval.
2. Once the APEC Secretariat has approved your fare and itinerary, Ms Linnus Teo will send you a travel undertaking for your signature. The travel undertaking is a simple contract between you and the APEC Secretariat, in which they commit to reimburse your travel expenses. The travel undertaking must be completed at least 8 days before travel commences.
3. APEC funded speakers and participants who purchase and/or finalizing their travel arrangement without approval from APEC Secretariat will NOT be reimbursed.
4. After the workshop, detail of your expenses (airfare and per diem), along with relevant e-ticket or ticket receipt plus travel agency invoice, should be sent to the APEC Secretariat (Ms.Linnus Teo). Once the APEC Secretariat has reviewed your claim, they will reimburse your costs.

### Per diem for travel-eligible participants

1. For those participants whom the APEC Secretariat is reimbursing travel costs, the maximum per diem allowable for each funded speaker/participant is **700 USD** for 3.75 days (2days workshop + 1arrival day + 1 – off 75%) of per diem rate

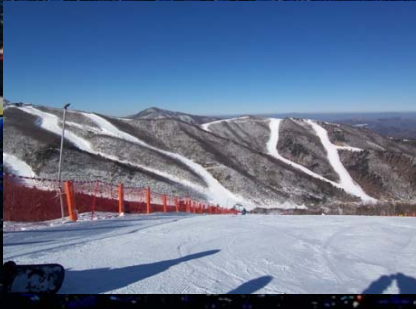
2. Per diem 60% covers hotel accommodation and 40% covers meals and incidents like laundry. 1-off 75% of the of the per diem rate covers land transfers, travel insurance, separate airport charges, visa application, bank charges and expenses incurred in the reimbursement process.

**\*\*** Please note that if you wish to combine your APEC-funded trip with a non-APEC-funded trip, you will have to submit two quotations to the APEC Secretariat: one for the actual trip and one with the APEC-only travel. A cost-sharing proposal for the non-APEC travel is also required.



## 9. Visas

If a visa is required, obtain it from the appropriate Korean consular representative before proceeding abroad. Allow sufficient time for processing your visa application, especially if you are applying by mail. Most Korean consular representatives are located in principal cities, and in many instances, a traveler may be required to obtain visas from the consular office in the area of his/her residence. **IT IS THE RESPONSIBILITY OF THE TRAVELER TO OBTAIN VISAS, WHERE REQUIRED, FROM THE NEAREST CONSULATE.** As soon as you receive your visa, check it to make sure no mistakes were made. For specific details, consult with your local consular office.



### Field Trip\*

A field trip on 2<sup>nd</sup> September, 2010 has been organized to provide attendees with the opportunity to visit Kangwon-do which is the most successful of mine reclamation and rehabilitation in Korea. Three major sites in Kangwon-do include Kangwon Land, Hwangji-Yuchang, and Haetae.



Kangwon Land is located at a huge abandoned coal mine. The closed mine was developed to be Kangwon hotel and casino with an effective environmental management system.



Hamtae was another closed mine which the active treatment facilities were built. The treatment system called HDS (high density sludge) is continuously operated to prevent mine water outflow to the vicinity villages.

Hwangji-Yuchang abandoned coal mine with a passive treatment of mine drainage comprised of SAPS, oxidation-precipitation basin, and wetlands.

\* The field trip fee of 50 USD (Fifty US Dollars) will include transportation and meals (breakfast, lunch, and dinner). A registration for the field trip is required by fill up in the registration form and pay in cash at the registration table on 1st September, 2010.

# Tentative Program of Workshop (I)

Date	Time	Contents	Moderator
8.31(Tue)	17:00~19:00	<b>Pre-workshop short course (Mine Reclamation in Asian Countries)</b> <input type="checkbox"/> Dr. Wang Qiliang (GIST) Title: Mine Reclamation in China <input type="checkbox"/> Ms Mylene G. Cayetano (GIST) Title: Mine Reclamation in the Philippines <input type="checkbox"/> Dr. Lunchakorn Prathumratana (GIST) Title: Mine Reclamation in Thailand <input type="checkbox"/> Ms Bui Thi Nuong (GIST) Title: Mining Situation in Vietnam <b>** Reception at MIRECO Building (approx. from 18: 30-) **</b>	Dr. Suthipong Sthiannopkao (IERC, GIST)
9.1 (Wed) WORKSHOP (Presentation )	08:30~08:50	Registration (MIRECO Building)	
	08:50~09:00	Introduction of the workshop schedule	Dr. K.H. Kim (MIRECO)
	09:00~11:00	<b>Session 1: Invited speakers</b> <input type="checkbox"/> Mr. Hyung Gun Park (KORES, Korea) Title: Korea Resources Corporation & Its Environment-friendly Mining Practice <input type="checkbox"/> Mr. Chanin Teparut (EGAT, Thailand) Title: Mine Reclamation and Rehabilitation of Mae Moh Mine, Thailand <input type="checkbox"/> Prof. David Mulligan (Queensland University, Australia) Title: Mine Site Rehabilitation in Australia-Examples of Innovation and Research <input type="checkbox"/> Mr. Americo Perez (Activos Mineros, Peru) Title: Not yet decided	Professor K.W. Kim (GIST)
	11:00~11:20	Coffee break	
	11:20~12:20	<b>Session 2: Theme presentation</b> <input type="checkbox"/> Dr Min Jang (MIRECO, Korea) <input type="checkbox"/> Prof. Kyoung-Woong Kim (GIST, Korea) Title: Balancing Competing Demands of Mining, Community, and Environment to Achieve Sustainable Development in Mining Sector (Draft report)	Dr. Lunchakorn Prathumratana (GIST)
	12:20~13:30	Lunch	
	13:30~14:30	Discussion for the theme presentation	
	14:30~15:50	<b>Session 3: Presentation by participants</b> <input type="checkbox"/> Mr. Rodrigo Urquiza (COCHILCO, Chile) Title: Sustainable Development in Mining: The Chilean Approach <input type="checkbox"/> Mr. Guohua Yuan (Chinese Academy of Land and Resource Economics, China) Title: China Mine Rehabilitation: Facts and Plans <input type="checkbox"/> Dr. Kaoru Ohe (Miyazaki University, Japan) Title: Removal of Arsenic in Wastewater from Closed Old Mine <input type="checkbox"/> Dr. Baba Musta (UMS, Malaysia) Title: Mining Activity in Sabah, Malaysia	Dr. Min Jang (MIRECO)
	15:50~16:10	Coffee break	



# Tentative Program of Workshop (II)

15:50~16:10	Coffee break	
16:10~17:50	<b>Session 3: Presentation by participants -- continued</b> <input type="checkbox"/> Mr. Gustavo Rodolfo Perez Acosta (Management of Geology and Environmental Geology, Mexico) Title: Not yet decided <input type="checkbox"/> Mr. Raul Roca (MINAM, Peru) Title: Not yet decided <input type="checkbox"/> Mr. Marcial H. Mateo (MGB, Philippines) Title: Mine Rehabilitation Policies and Implementation in the Philippines <input type="checkbox"/> Mr. Yet-Jen Chen (Ministry of Economic Affairs, Chinese Taipei) Title: Best Practice of Mine Reclamation toward Sustainable Development in Chinese Taipei <input type="checkbox"/> Ms. Kridtaya Sakamornsnguan (PIMD, Thailand) Title: Key Development of Thai Mining Industry <input type="checkbox"/> Mr. Tran Mien (VINACOMIN, Vietnam) Title: Mine Reclamation and Rehabilitation in Vietnam	Dr. K.Y. Lee (GIST)
18:00~19:30	Banquet	

## Detail schedule of field trip

Date	Time	Contents	Moderator
9.2(Thur)	08:00~12:00	Seoul → Sabuk, Kangwon-do	Dr. Shim, Y.S. (MIRECO)
	12:00~13:00	Lunch	
	13:00~14:00	Visit Kangwon Land	
	14:00~14:40	Kangwon Land → Taebak	
	14:40~15:10	Visit Hamtae active treatment facility	
	15:10~16:10	Visit Hwangji-yuchang passive treatment facility	
	16:10~21:00	Dinner and Arrival to Seoul	

\* The field trip fee of 50 USD (Fifty US Dollars) will include transportation and meals (lunch and dinner). A registration for the field trip is required by fill up in the registration form in advance and **pay with cash at the registration table on 1st September, 2010.**

### \*\*\*Important dates\*\*\*

**August 12, 2010**      **Deadline for abstract submission**  
**August 18, 2010**      **Deadline for submission of registration form**  
**August 24, 2010**      **Deadline for submission of ppt file for presentation**

## ACCOMMODATION

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### 1. Workshop Venue : MIRECO (Coal Center)

### 2. Official Hotel: **SOMERSET PALACE SEOUL**

Address : #85 Susong-Dong, Jongno-Gu Seoul 110-885 South Korea

[www.somerset.com](http://www.somerset.com)

Room : One bedroom Deluxe Kw130,000 (per person) 36 m<sup>2</sup>  
One bedroom Executive Twin Kw150,000( two person) 42 m<sup>2</sup>

Breakfast : Daily breakfast included

Internet access : Complimentary LAN cable access(10 Megabyte) in all guest rooms

\*Check-in time is 3:00 p.m. Check-out time is 12:00 a.m.

\* All above rates are subject to 10% VAT.

For more information, please visit [www.somerset.com/en/south\\_korea/seoul/somerset\\_palace.html](http://www.somerset.com/en/south_korea/seoul/somerset_palace.html)

For our interactive map information, please visit

[http://www.somerset.com/en/south\\_korea/seoul/somerset\\_palace.html?override\\_form=234](http://www.somerset.com/en/south_korea/seoul/somerset_palace.html?override_form=234)



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[www.somerset.com](http://www.somerset.com)

Somerset Palace

서머셋 팰리스 서울



## ACCOMMODATION

### • From Subway Station

- **Jonggak** Station (Line 1) Exit 2
- **Anguk** Station (Line 3) Exit 6
- **Gwanghwamun** Station (Line 5) Exit 2

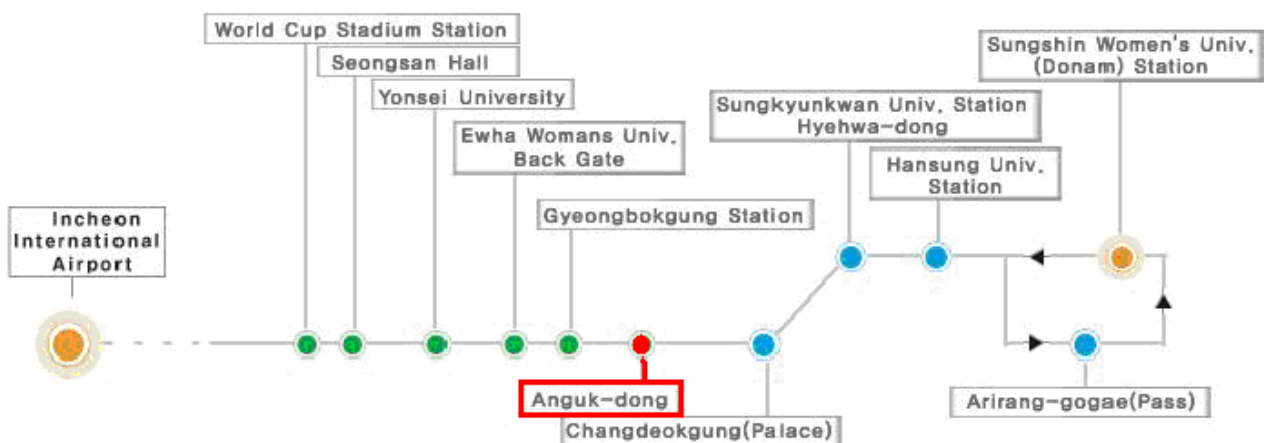
### • From Incheon International Airport

**Bus: Airport Limousine Bus No. 6011 - Fare is KW 9,000 per one way**

\* Airport Limousine Bus Stop No. 5B & 12A (1st Floor of Airport Terminal)



The bus runs every 20 ~ 30 minutes from Incheon International Airport and it will take approximately 70 minutes to Anguk Station stop. (3 minutes walk to Somerset Palace, Seoul)



## ACCOMMODATION

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### 3. Hotel: **SUNBEE**

Address : #198-11 Kwanhoon-dong, Jongro-ku, Seoul, South Korea  
www.hotelsunbee.com

Room	: Double Type	Kw77,000 (per person)	28 m <sup>2</sup>
	Twin Type	Kw88,000 (two person)	33 m <sup>2</sup>

Breakfast : Daily breakfast included (Sandwich etc.)

Internet access: Complimentary LAN cable access(10 Megabyte) in all guest rooms

\*Check-in time is 2:00 p.m. Check-out time is 12:00 a.m.

\* All above rates are subject to 10% VAT.



- International Airport Limousine
  - Bus 6011# : From Incheon Int'l Airport Kimpo Airport
  - Bus 6002# : From Incheon Int'l Airport directly to the Hotel
- Subway
  - Subway No. 1 Line Station of JONGKAK. Take exit No. 3
  - Subway No. 3 Line station of ANKUK. Take exit No. 6



## ACCOMMODATION

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### 4. Hotel: **LOTTE**

Address : Sogong-dong, Jung-gu, Seoul, South Korea  
[www.lottehotelseoul.com](http://www.lottehotelseoul.com)

Room	: Standard Superior	Kw350,000 (per person)	26.7 m <sup>2</sup>
	Standard Deluxe	Kw400,000 (two person)	40~46 m <sup>2</sup>
Breakfast	: Buffet breakfast Kw35,500		
Internet access	: High-speed wired Internet access (paid service)		

\* All above rates are subject to 10% Service Charge and 10% VAT.

### 5. Hotel: **Koreana**

Address : 61-1, Taepyung-ro 1-ga, Chung-gu Seoul Korea  
[www.koreanahotel.com](http://www.koreanahotel.com)

Room	: One Single	Kw150,000 (for solo use)	28.5 m <sup>2</sup>
	Two Single beds	Kw160,000 (two persons)	28.5 m <sup>2</sup>
Breakfast	: Breakfast Kw15,000		
Internet access	: High-speed wired Internet access (paid service)		

\* All above rates are subject to 10% Service Charge and 10% VAT .

## ACCOMMODATION

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### 6. Hotel: **President**

Address : 188-3, Euljiro il-ga, Chung-gu Seoul Korea  
[www.hotelpresident.co.kr](http://www.hotelpresident.co.kr)

Room	: Standard Single	Kw140,000 (for solo use)	28.5 m <sup>2</sup>
	Standard Twin	Kw190,000 (two persons)	34.54 m <sup>2</sup>
	Deluxe Twin	Kw200,000(two persons)	36.26 m <sup>2</sup>

Breakfast : Breakfast Kw16,000

Internet access : High-speed wired Internet access (paid service)

\* All above rates are subject to 10% VAT .

### 7. Motel: **SAM-O**

Address : 46-10 Susong-dong, Jongro-gu, Seoul Korea

Room	: Standard Single	Kw40,000 (for solo use)	22 m <sup>2</sup>
	Standard Twin	Kw40,000 (two persons)	22 m <sup>2</sup>

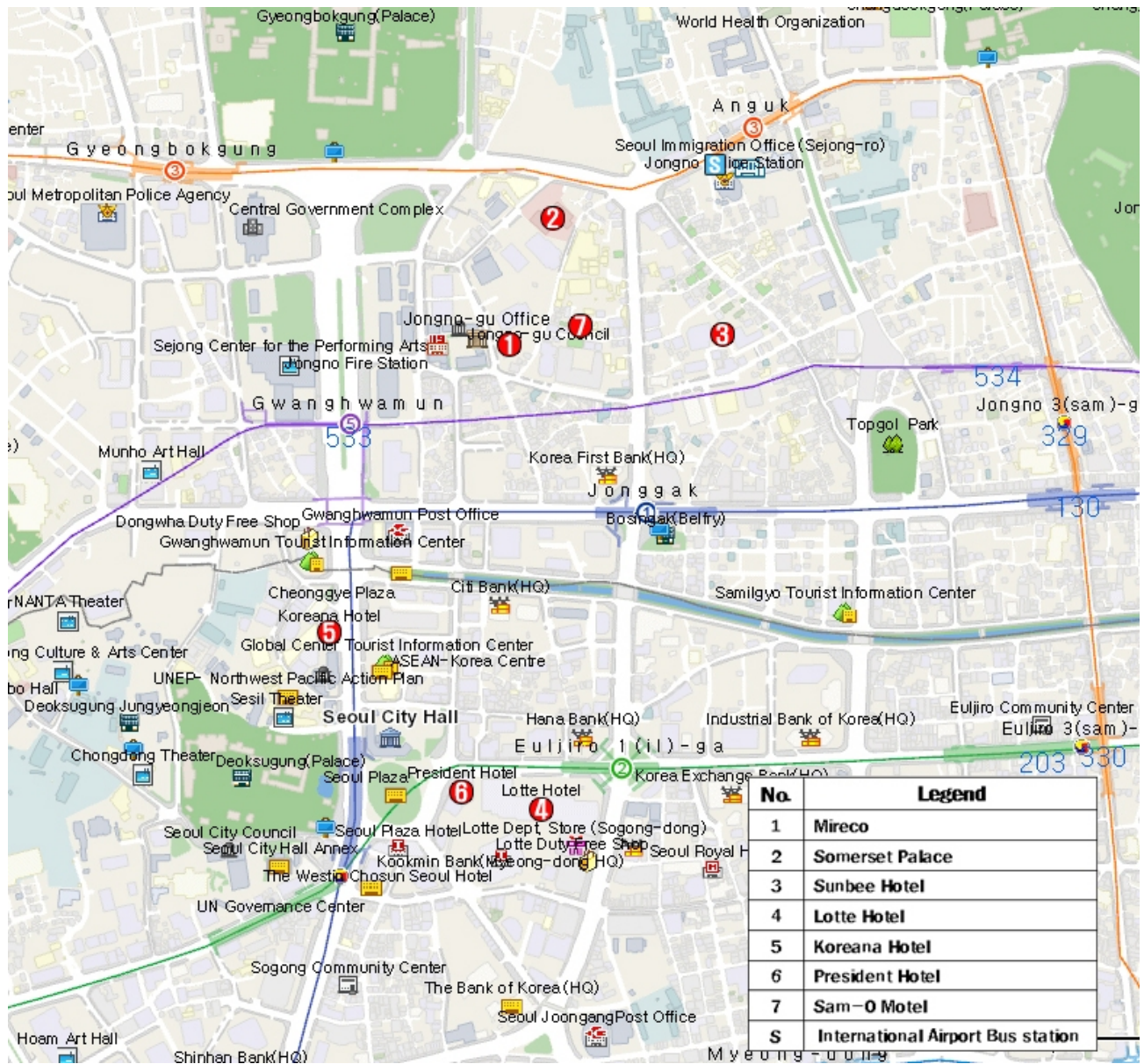
Breakfast : not available

\* All above rates are included 10% VAT .



## ACCOMMODATION

### Map



**Annex A**

**REGISTRATION FORM**

Title	<input type="checkbox"/> Dr. <input type="checkbox"/> Mr. <input type="checkbox"/> Ms <input type="checkbox"/> Others:
Family Name	
Given Name(s)	
Name to appear on ID Badge	
Gender	<input type="checkbox"/> Female <input type="checkbox"/> Male
Special Requirements	(dietary / health / physical)
Citizenship	
Organization	
Department	
Position	
Business Address	
Business Phone	
Business Fax	
E-mail	
Economy	
<b>Itinerary</b>	
Arrival date, time	
Departure date, time	
<b>Accommodation</b>	
Check in date	
Check out date	
Hotel name	
Stay for	Night(s)
Room type	
Guest (including the participant)	Person(s)

**REGISTRATION DEADLINE:** Wednesday, August 18, 2010