

2013 한-대만 협력 컨퍼런스 제1차 운영회의

The Conference on Soil & Groundwater Remediation
Cooperation between Korea and Taiwan
The 1st meeting on May. 20. 2013, Korea

2013. 5.20 Mon.

The logo for the Ministry of Environment, featuring the lowercase letters 'mev' in a stylized, rounded font.

환 경 부

The logo for KETI, featuring the uppercase letters 'KETI' in a bold, blocky font with a horizontal line above the 'E'.

한국환경산업기술원
Korea Environmental Industry & Technology Institute

1. 한-대만 토양지하수 협력 운영회의 일정

1. 1일차 행사일정(1st day Schedule)

○ The Conference on Soil & Groundwater Remediation Cooperation between Korea and Taiwan

- **Date/Location:** 2013. 5. 20(월) 16:00~18:00/KEITI 304호
- **Attendance:** Taiwan delegation (9 persons) , Korea delegation (5 persons), Korea Ministry of Environment (3 persons), KEITI (5 persons)
- **Subject:** Korea and Taiwan cooperation on development of soil and groundwater remediation technique and joint research program
- **1st Meeting Schedule**

| Time | Content |
|---------------|---|
| 16:00 ~ 16:05 | Welcoming Address |
| 16:05 ~ 16:10 | Introduction of conference participants |
| 16:10 ~ 16:20 | Opening Address |
| 16:20 ~ 16:25 | Announcement on Meeting Subject |
| 16:25 ~ 17:00 | 1st subject: Cooperation on soil and groundwater remediation technique development between Korea and Taiwan |
| 17:00 ~ 17:15 | Recession |
| 17:15 ~ 17:50 | 2nd Subject: Joint research program between Korea and Taiwan |
| 17:50 ~ 18:00 | Concluding remarks |
| 18:00 ~ 18:10 | Photo time |
| 18:10 ~ 18:30 | Moving to restaurant |
| 18:30 ~ 20:30 | Dinner |
| 20:30 ~ 21:00 | Returning to the hotel |

2 Steering committee and participants

| Classification | | Name | Position | Affiliation | |
|-------------------|------------------------|---------------|------------------|--------------------------------|---|
| Korean Delegation | Government | Sang Bae Kim | Director General | Korea MOV | |
| | Affiliated Institution | Dong Il Kim | Director General | KEITI | |
| | Academy | Jay Yang | Professor | Kangwon National University | |
| | | Kang Keun Lee | Professor | Seoul National University | |
| | Industry | Joo Yeup Kim | CEO | Daeil Inc. | |
| Taiwan Delegation | Steering Committee | Government | Hung-Teh TSAI | Director General | Taiwan EPA |
| | | | Jian-Ren Ho | Director | Taiwan EPA |
| | | Academy | Zueng-Sang CHEN | Professor, Chairman ReSAG WG | National Taiwan University |
| | | | Dar-Yuan Lee | Professor | National Taiwan University |
| | | | Chih-Ming KAO | Professor, President of TASGEP | National SunYat-Sen University |
| | Participants | Industry | Spock Huang | Chief Secretary of TASGEP | Greater China MWH Americas Inc. |
| | | | Chen-Rong Chian | Standing Director of TASGEP | TAIWAN-ASAHI Environmental Technology Co., Ltd. |
| | | | Yen-Ming Lin | Vice General Manager | Taiwan Environment Scientific Co., Ltd |
| | | | Chia-Hsin Li | Project Manager | Sinotech Engineering Consultants, Ltd. |

③ Meeting Agenda (Korean)

□ 1st Subject : Cooperations on Soil & Groundwater Remediation

<Strategy for Cooperations on Soil & Groundwater Remediation>

- Both countries provide contaminated sites and support the related requests of research partner for a short term research project (Prof. Kang Keun Lee)
- Formulation of the bi-national task force committee for private consulting companies in Korea and Taiwan (Prof. Jay Yang)

<Strategy for the Transfer of Remediation Technical Know-how and Cooperation for Overseas Expansion of Soil & Groundwater Market>

- Underground oxidation and carbonization techniques on the cattle burial sites
 - New solution for problems (ex: time limitation of natural attenuation) of available remediation techniques
- Participation of Korean companies for soil remediations of saline problems around coastal area in Taiwan or the other countries (typical problems in Taiwan)
- Use of electrical precipitator for the radioactive contamination site remediation (Hukusima in Japan etc.)
- Contamination problems for the tube wells of groundwater in Taiwan (the transfer of technical know-how of Korean)
- Korean techniques for heavy metal contamination of cropping field in Taiwan
 - Remediation using heavy metal extractors
- Deep soil remediation techniques (< 5 meter depth)

- **2nd Subject: Joint Research Program between Korea and Taiwan**
 - Publishing special issue in scientific journals of both countries and joint conference program (MOE)
 - At visiting of Korean delegation in Taiwan, inviting to soil & groundwater conference or symposium in Taiwan (KEITI).
 - Promoting research partnership (Prof. Kang Keun Lee).
 - Providing the details on research achievement or activities at a reciprocal visit to partner's countries.
 - Providing the opportunity of presentation for both countries on scientific conferences or related events
 - Provide the remediation related information and opportunity (management of special session in the conference, etc.)
 - Remediation development road map (Prof. Jay Yang)
 - Program to exchange private consulting companies between the two countries
 - Establishment of the strategic budget for soil and groundwater
 - Invitation of delegates in each country to the soil and groundwater annual meeting (Prof. Jay Yang)
 - Joint ownership of government strategies for nurturing remediation market of both countries and the exchange of excellent business models for remediation techniques (KEITI)