In the Seoul module we address the technological challenges all large urban infrastructure systems face today. Particular attention will be paid to the role information and communication technologies play in making cities more efficient.

IGLUS Executive Master

The IGLUS Executive Master is a unique degree offering a comprehensive and professional approach to the sustainable governance of large urban systems, focussing on Efficiency, Sustainability and Resilience.
The Seoul module

Participants will attend lectures, workshop and field visits during 11 days of training. The following four infrastructures and topical areas will be covered:

1. Water, wastewater and waste
2. Energy systems
3. Transportation systems
4. Smart and cognitive cities

If, after having attended this module, you decide to enroll in the IGLUS Executive Master, the module can be counted towards the Master degree, provided you write a small essay and are accepted by the EPFL admission office.

Who is there?
EPFL, the World Bank, UN-Habitat, Veolia, IBM, Cemex along with practitioners and experts from Seoul, metropolitan area.

For whom is it?
- Urban planners
- City officials and public administrators
- Managers of urban infrastructure systems
- Managers of contracting firms
- Consultants and other interested persons in the management of large urban infrastructures

The Seoul module is part of the IGLUS Executive Master. The Master program focuses on 6 key challenges for urban development, each time within the scope of one performance dimension (Efficiency, Sustainability and Resilience), embodied by the 6 chosen cities:

<table>
<thead>
<tr>
<th>Place</th>
<th>Date</th>
<th>Performance dimension focus</th>
<th>Challenge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico City, Guadalajara</td>
<td>2 - 13 Nov 2015</td>
<td>Resilience</td>
<td>The social challenge</td>
</tr>
<tr>
<td>Dubai</td>
<td>24 Jan - 4 Feb 2016</td>
<td>Sustainability</td>
<td>The environmental challenge</td>
</tr>
<tr>
<td>Istanbul</td>
<td>4 - 15 Apr 2016</td>
<td>Resilience</td>
<td>The cultural challenge</td>
</tr>
<tr>
<td>Seoul</td>
<td>6 - 17 June 2016</td>
<td>Efficiency</td>
<td>The technological challenge</td>
</tr>
<tr>
<td>Detroit - New York</td>
<td>12 - 23 Sep 2016</td>
<td>Sustainability</td>
<td>The economic and financial challenges</td>
</tr>
<tr>
<td>Dortmund (Rhine-Ruhr Area)</td>
<td>7 - 18 Nov 2016</td>
<td>Efficiency</td>
<td>The metropolitan challenge</td>
</tr>
</tbody>
</table>

An Executive Master degree can be obtained by following 5 of the 6 available modules within a two-year period. Each module consists of two weeks of training. In order to obtain the degree, a capstone 60-page Master thesis is also required.

IGLUS partners:

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