Foundational Training Course: Climate-compatible and Resilient Cities
3-12 December 2017
Pre-Training Information
Dear participant --

The team at UN-Habitat is looking forward to our collaborative foundational training course on **Climate-Compatible and Resilient Cities** 3-12 December. In the present information package, we would like to give you a short overview of the:

- training schedule,
- your trainers, and
- suggested complimentary reading material.

Please do not hesitate to contact us for further clarifications and suggestions.

*We look forward seeing you in Riyadh next week!*
Training Schedule
# Training Schedule

<table>
<thead>
<tr>
<th>Sun 3 Dec</th>
<th>Mon 4 Dec</th>
<th>Tue 5 Dec</th>
<th>Wed 6 Dec</th>
<th>Thu 7 Dec</th>
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<tbody>
<tr>
<td>9:00 - 10:30</td>
<td><strong>Module 1.1.</strong> Inauguration and Introduction</td>
<td><strong>Module 2.1.</strong> The Practice of Urban Climate Change Adaptation and Mitigation</td>
<td><strong>Module 3.1.</strong> Urban Resilience</td>
<td><strong>Module 4.1.</strong> Planning a resilient city (tool box session)</td>
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<td>10:30 - 10:45</td>
<td>Coffee break</td>
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<td>10:45 - 12:00</td>
<td>- Future Saudi Cities Program</td>
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<td>12:00 - 1:00</td>
<td>Lunch break</td>
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<td>1:00 - 2:30</td>
<td><strong>Module 1.2.</strong> Theory and Concepts of Climate Change and Cities</td>
<td><strong>Module 2.2.</strong> Planning for Climate Change</td>
<td><strong>Module 3.2.</strong> City Resilience Profiling Programme</td>
<td>Site visit King Abdullah City of Science and Technology Campus</td>
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<td>2:30 - 2:45</td>
<td>Coffee break</td>
<td>Coffee break</td>
<td>Coffee break</td>
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<td>2:45 - 4:00</td>
<td>- Example of Chicago and case studies: London and Sorsogon</td>
<td>- Exercise: Dammam and Riyadh</td>
<td>- Case study: Barcelona</td>
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<td>Time</td>
<td>Fri 8 Dec</td>
<td>Sat 9 Dec</td>
<td>Sun 10 Dec</td>
<td>Mon 11 Dec</td>
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| 9:00 - 10:30 | Workshop Planning a Resilient District in Saudi Arabia:  
- Introduction energy efficiency in the built environment and the interaction between anthropogenic energy use and the urban microclimate | | Workshop Planning a Resilient District in Saudi Arabia:  
- Group activities  
Three concurrent session will be offered:  
- Cover building energy modeling,  
- Urban microclimate modeling,  
- Outdoor thermal comfort modeling | | Workshop Planning a Resilient District in Saudi Arabia:  
- Group activities  
Three concurrent session will be offered:  
- Cover building energy modeling,  
- Urban microclimate modeling,  
- Outdoor thermal comfort modeling |
| 10:30 - 10:45 | Coffee break | | | | |
| 10:45 - 12:00 | - Masdar City presentation | | | | |
| 12:00 - 1:00 | Lunch break | | Lunch break | Lunch break | |
| 1:00 - 2:30 | - Discussion of Masdar City’s energy efficiency policies and their implementation | | - Group activities  
Three concurrent session will be offered:  
- Cover building energy modeling,  
- Urban microclimate modeling,  
- Outdoor thermal comfort modeling | | Presentation of the results and final comments |
| 2:30 - 2:45 | Coffee break | | | | |
| 2:45 - 4:00 | - Presentation/analysis of the site chosen for the workshop | | | | |
Your Trainers
Your trainers

Marcus Mayr

Marcus is part of the team in the Cities and Climate Change Initiative and works in the Urban Planning and Design Branch. Marcus has experience in urban development, complimenting his current specialization on climate change.

Nguyen Thuy Trang

Member of UN-Habitat’s Capacity Development Unit, with focus on Asian countries. Trang is an experienced in national and international policies for sustainable development, climate change, and urban environment.

Esteban Leon

Esteban is the Head of the Urban Resilience Programme manages the “Making cities sustainable and resilient” Initiative. He is the Chief Technical Advisor of the City Resilience Profiling Programme.
Dr. Afshari is a Professor of Practice at Masdar Institute of Science and Technology, specialized on sustainable buildings and communities, demand-side energy management, decentralized energy generation/storage, renewable energy technologies, energy policy design and urban microclimate modeling.

Lindita is currently the Project Manager of the Architectural Department at Bin Salem Holding Abu Dhabi. Lindita has experience in Architecture, Construction, Interior Design and Environmental Studies.

Luis is a Research assistant at Masdar Institute. His main topic of research is Urban Energy Model Calibration.
Miquel Corral

Miquel is a IT & Data Management Specialist of the City Resilience Profiling Programme. Miquel is seconded from the City Council of Barcelona and he is in charge of the Information Management Plan for new database systems analysis, design and management, and for conducting required data analysis and solution design.

Masdar City

Michel Abi Saab

Michel is the Manager of Sustainability at Masdar City. Michel, specialized in mechanical engineering, energy efficiency, high performance and zero energy buildings, energy modeling and cost-efficiency optimization.
Suggested complimentary background reading
UN-Habitat’s Guiding Principles for City Climate Action Planning.
https://unhabitat.org/books/guiding-principles-for-climate-city-planning-action/

Developing Local Climate Change Plans.
https://unhabitat.org/books/developing-local-climate-change-plans/

Sustainable Urbanization in the Paris Agreement.
https://unhabitat.org/books/sustainable-urbanization-in-the-paris-agreement/

Deadline 2020: How the Cities Will Get the Job Done.

Urban Resilience Flyer.

How to make cities more resilient: a handbook for local government leaders.
https://www.unisdr.org/we/inform/publications/54256

Pocket guide to resilience.
http://resiliencetools.org/content/pocket-guide-to-resilience
Urban Patterns for a Green Economy (Series of 4 books).
https://unhabitat.org/series/urban-patterns-for-a-green-economy/

Resource-efficient cities in Europe.

Resilience and resource-efficiency in cities.
http://wedocs.unep.org/handle/20.500.11822/20629
Contacts

We invite you to contribute to the training. If you had previous engagement on the topic of climate-compatible and resilient cities, and would like to present the case, or talk about a specific topic or project, please inform us.
Contacts

- Marcus Mayr, Global Headquarters, Feedback and suggestions: marcus.mayr@unhabitat.org

- Abdulaziz M. Alahmed, Riyadh Office, Lead training liaison: abdulaziz.alahmed@unhabitat.org

- Nagwan Desouky, Riyadh Office, Logistics: nagwan.desouky@unhabitat.org
**Future Saudi Cities Programme**
Foundational Training Course on Climate-compatible and Resilient Cities
3-12 December 2017, Riyadh, Kingdom of Saudi Arabia

Pre-Training Information

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