

مستقبل المدن السعودية
FUTURE SAUDI CITIES



وزارة الشؤون
البلدية و القروية
Ministry of Municipal & Rural Affairs

Foundational Training Course: Climate-compatible and Resilient Cities 3-12 December 2017

Pre-Training Information

**WE ARE
CLIMATE CHANGE**

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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 ▼

	Sun 3 Dec	Mon 4 Dec	Tue 5 Dec	Wed 6 Dec	Thu 7 Dec
9:00 - 10:30	Module 1.1. Inauguration and Introduction	Module 2. 1. The Practice of Urban Climate Change Adaptation and Mitigation	Module 3.1. Urban Resilience	Module 4.1. Planning a resilient city (tool box session)	Module 5.1. Urban Environment
10:30 - 10:45	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10:45 - 12:00	- Future Saudi Cities Program				
12:00 - 1:00	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
1:00 - 2:30	Module 1.2. Theory and Concepts of Climate Change and Cities	Module 2.2. Planning for Climate Change	Module 3.2. City Resilience Profiling Programme	Site visit King Abdullah City of Science and Technology Campus TBC	Action Plan. Group exercise
2:30 - 2:45	Coffee break	Coffee break	Coffee break		Coffee break
2:45 - 4:00	- Example of Chicago and case studies: London and Sorsogon	- Exercise: Dammam and Riyadh	- Case study: Barcelona		Feedback and closing session of the first week

Training Schedule



	Fri 8 Dec	Sat 9 Dec	Sun 10 Dec	Mon 11 Dec	Tue 12 Dec
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 ▼



UN-Habitat

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.

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.

Nguyen Thuy Trang



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.

Your trainers ▼



Masdar Institute of Science and Technology

Dr. Afshari



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

Lindita Blande



Luis Guilherme



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

Your trainers ▼

City Council of Barcelona

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 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.



Michel Abi Saab





Suggested complimentary background reading

Climate Change ▼

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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.

<https://www.arup.com/publications/research/section/deadline-2020-how-cities-will-get-the-job-done>

Urban Resilience ▼

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Trends in Urban Resilience 2017.

<https://unhabitat.org/books/trends-in-urban-resilience-2017/>

Urban Resilience Flyer.

https://cityresilience.org/sites/all/docs/Urban_Resilience_Flyer.pdf

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 Environment ▼

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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.

<https://www.eea.europa.eu/highlights/resource-efficient-cities-vital-step>

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 ▼

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- **Abdulaziz M. Alahmed**, Riyadh Office, Lead training liaison:
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- **Nagwan Desouky**, Riyadh Office, Logistics:
nagwan.desouky@unhabitat.org

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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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