



# **Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

**2026**

**Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

|                             | Sunday                        | Monday                        | Tuesday                       | Wednesday                     | Thursday            |                 |
|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------|-----------------|
| Week 1<br>11:00-14:00       | 8/3<br>Official holiday       | 9/3<br>Lecture 1- Eng. Aymen  |                               | 11/3<br>Lecture 2- Eng. Aymen |                     | 6 Hours         |
| Week 2<br>11:00-14:00       | 15/3<br>Lecture 3-Dr. Akram   | 16/3<br>Lecture 4 -Dr. Akram  | 17/3<br>Lecture 5 -Dr. Akram  |                               | 19/3<br>Eid al-Fitr | 9 Hours         |
|                             |                               |                               |                               |                               |                     |                 |
|                             | Sunday                        | Tuesday                       | Thursday                      |                               |                     |                 |
| Week 3<br>11:00-14:00       |                               | 24/3<br>Lecture 6-Dr. Akram   | 26/3<br>Lecture 7-Dr. Akram   |                               |                     | 6 Hours         |
| Week 4<br>11:00-14:00       | 29/3<br>Lecture 8-Dr. Amra    | 31/3<br>Lecture 9-Dr. Amra    | 2/4<br>Lecture 10-Dr. Amra    |                               |                     | 9 Hours         |
| Week 5<br>11:00-14:00       | 5/4<br>Lecture 11-Dr. Amra    | 7/4<br>Lecture 12-Dr. Amra    | 9/4<br>Lecture 13-Dr. Amra    |                               |                     | 9 Hours         |
| Week 6<br>11:00-14:00       | 12/4<br>Lecture 14-Dr. Luigi  | 14/4<br>Lecture 15-Dr. Luigi  | 16/4<br>Lecture 16-Dr. Luigi  |                               |                     | 9 Hours         |
| Week 7<br>11:00-14:00       | 19/4<br>Lecture 17-Dr. Trevor | 21/4<br>Lecture 18-Dr. Trevor | 23/4<br>Lecture 19-Dr. Aymen  |                               |                     | 9 Hours         |
| Week 8<br>11:00-14:00       | 26/4<br>Lecture 20-Dr. Aymen  | 28/4<br>Lecture 21-Dr. Aymen  | 30/4<br>Lecture 22-Dr. Aymen  |                               |                     | 9 Hours         |
| Week 9<br>11:00-14:00       | 3/5<br>Lecture 23-Dr. Aymen   | 5/5<br>Lecture 24-Dr. Aymen   | 7/5<br>Lecture 25-Dr. Aymen   |                               |                     | 9 Hours         |
|                             | Sunday                        | Tuesday                       | Wednesday                     |                               |                     |                 |
| Week 10<br>11:00-13:00      | 10/5<br>Lecture 26-Dr. ZEYNEP | 12/5<br>Lecture 27-Dr. ZEYNEP | 13/5<br>Lecture 28-Dr. ZEYNEP |                               |                     | 6 Hours         |
| <b>Total Training Hours</b> |                               |                               |                               |                               |                     | <b>81 Hours</b> |

|  |                                 |  |  |                                       |                                       |                                       |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Eng. Aymen<br>Abu Shaaban<br><br>6 Hours | Dr. Akram Lijla<br><br>15 Hours | Dr. Amra<br>Hadzimuhamedovic<br><br>18 Hours | Dr. Luigi<br>Barazzetti<br><br>9 Hours | Dr. Trevor<br>Marchand<br><br>6 Hours | Dr. Aymen<br>Herzalla<br><br>21 Hours | Dr. ZEYNEP GÜL<br>ÜNAL<br><br>6 Hours |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|

## Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza

| Unit 1                | Monday<br>9/3  | Wednesday<br>11/3  |                |
|-----------------------|--|--|----------------|
| Week 1<br>11:00-14:00 | <b>Lecture 2-Eng. Aymen</b><br><br>- The historical Urban fabric of Gaza old City.<br>- The historic Zawiya market in Gaza City and the plan to revive it. | <b>Lecture 2-Eng. Aymen</b><br><br>- Interventions of the Great Omari Mosque Restoration Project in Gaza City 2001-2005. | <b>6 hours</b> |

| Unit 2                | Sunday<br>15/3   | Monday<br>16/3   | Tuesday<br>17/3  |                |
|-----------------------|--|--|--|----------------|
| Week 2<br>11:00-14:00 | <b>Lecture 3-Dr. Akram</b><br><br><b>Module 1: Assessing and Documenting Damage.</b><br><br>-Rapid and detailed condition assessment techniques under emergency and insecure contexts.<br>- Documentation tools (visual surveys, damage mapping, prioritization matrices, digital and low-tech methods). | <b>Lecture 4-Dr. Akram</b><br><br><b>Module 1: Assessing and Documenting Damage.</b><br><br>-Linking damage assessment to emergency stabilization, reconstruction planning, and heritage-led recovery strategies.<br>-Case-based learning drawn from conflict-affected historic urban areas. | <b>Lecture 5-Dr. Akram</b><br><br><b>Module 2: Conservation Principles and Good Practices</b><br>Core conservation principles in post-conflict and post-disaster contexts.<br>-Balancing authenticity, integrity, safety, and community needs.<br>-Use of local materials, traditional techniques, and context-sensitive reconstruction. | <b>9 Hours</b> |
| Unit 2                | <b>Sunday<br/>22/3</b>   | <b>Tuesday<br/>24/3</b>  | <b>Thursday<br/>26/3</b>   |                |

|  |                                 |   |  |                                       |                                       |                                       |
|--|---------------------------------|---|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Eng. Aymen<br>Abu Shaaban<br><br>6 Hours | Dr. Akram Lijla<br><br>15 Hours | Dr. Amra<br>Hadzimuamedovic<br><br>18 Hours | Dr. Luigi<br>Barazzetti<br><br>9 Hours | Dr. Trevor<br>Marchand<br><br>6 Hours | Dr. Aymen<br>Herzalla<br><br>21 Hours | Dr. ZEYNEP GÜL<br>ÜNAL<br><br>6 Hours |
|--|---------------------------------|---|--|---------------------------------------|---------------------------------------|---------------------------------------|

**Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

|                                      |  |  |  |                |
|--------------------------------------|--|--|--|----------------|
| <p>Week 3<br/><b>11:00-14:00</b></p> |  | <p align="center"><b>Lecture 6-Dr. Akram</b></p> <p><b>Module 2: Conservation Principles and Good Practices</b></p> <p>-Ethical considerations in reconstruction and adaptive reuse.<br/>Integrating conservation practice with social recovery, livelihoods, and capacity building.</p> | <p align="center"><b>Lecture 7-Dr. Akram</b></p> <p><b>Group work-discussion</b></p> | <p>6 Hours</p> |
|--------------------------------------|--|--|--|----------------|

| Unit 3                               | Sunday<br>29/3  | Tuesday<br>31/3   | Thursday<br>2/4   |                |
|--------------------------------------|---|---|---|----------------|
| <p>Week 4<br/><b>11:00-14:00</b></p> | <p align="center"><b>Lecture 8-Dr. Amra</b></p> <p><b>Recovery planning overview; Situation Analysis:</b> theoretical introduction + participatory exercise</p> | <p align="center"><b>Lecture 9-Dr. Amra</b></p> <p><b>Key Concepts and Principles of Reconstruction and Recovery Planning:</b> focused lecture; real-life case studies and comparative analysis; facilitated discussions and peer learning; capstone work on a real-life case in Gaza</p> | <p align="center"><b>Lecture 10-Dr. Amra</b></p> <p><b>Showcasing Reconstruction and Recovery Planning:</b> lecture; real-life case studies and comparative analysis; participatory and simulation-based exercises; capstone work on a real-life case in Gaza</p> | <p>9 Hours</p> |

|  |  |  |  |   |   |   |
|--|--|--|--|---|---|---|
| <p align="center">Eng. Aymen<br/>Abu Shaaban</p> <p align="center">6 Hours</p> | <p align="center">Dr. Akram Lijla</p> <p align="center">15 Hours</p> | <p align="center">Dr. Amra<br/>Hadzimuhamedovic</p> <p align="center">18 Hours</p> | <p align="center">Dr. Luigi<br/>Barazzetti</p> <p align="center">9 Hours</p> | <p align="center">Dr. Trevor<br/>Marchand</p> <p align="center">6 Hours</p> | <p align="center">Dr. Aymen<br/>Herzalla</p> <p align="center">21 Hours</p> | <p align="center">Dr. ZEYNEP GÜL<br/>ÜNAL</p> <p align="center">6 Hours</p> |
|--|--|--|--|---|---|---|

**Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

| <b>Unit 3</b>                 | <b>Sunday<br/>5/4</b>   | <b>Tuesday<br/>7/4</b>   | <b>Thursday<br/>9/4</b>   |         |
|-------------------------------|---|--|---|---------|
| <b>Week 5<br/>11:00-14:00</b> | <p align="center"><b>Lecture 11-Dr. Amra</b></p> <p>Conservation principles and good practices: focused lecture; facilitated discussions and peer learning; capstone work on a real-life case in Gaza</p> | <p align="center"><b>Lecture 12-Dr. Amra</b></p> <p>Knowledge transfer and capacity building: focused lecture; real-life case studies and comparative analysis; facilitated discussions and peer learning; capstone work on a real-life case in Gaza</p> | <p align="center"><b>Lecture 13-Dr. Amra</b></p> <p>Capstone studio works on a real-life case in Gaza</p> | 9 Hours |

| <b>Unit 4</b>                 | <b>Sunday<br/>12/4</b>  | <b>Tuesday<br/>14/4</b>  | <b>Thursday<br/>16/4</b>   |         |
|-------------------------------|---|--|--|---------|
| <b>Week 6<br/>11:00-14:00</b> | <p align="center"><b>Lecture 14-Dr. Luigi</b></p> <p>Introduction to Digital Survey of Buildings.</p> | <p align="center"><b>Lecture 15-Dr. Luigi</b></p> <p>Digital Photogrammetry for Metric Survey of Buildings</p> | <p align="center"><b>Lecture 16-Dr. Luigi</b></p> <p>Laser Scanning for Architectural Survey</p> | 9 Hours |

|  |  |   |  |   |   |   |
|--|--|---|--|---|---|---|
| <p><b>Eng. Aymen<br/>Abu Shaaban</b></p> <p align="center">6 Hours</p> | <p><b>Dr. Akram Lijla</b></p> <p align="center">15 Hours</p> | <p><b>Dr. Amra<br/>Hadzimuamedovic</b></p> <p align="center">18 Hours</p> | <p><b>Dr. Luigi<br/>Barazzetti</b></p> <p align="center">9 Hours</p> | <p><b>Dr. Trevor<br/>Marchand</b></p> <p align="center">6 Hours</p> | <p><b>Dr. Aymen<br/>Herzalla</b></p> <p align="center">21 Hours</p> | <p><b>Dr. ZEYNEP GÜL<br/>ÜNAL</b></p> <p align="center">6 Hours</p> |
|--|--|---|--|---|---|---|

**Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

| <b>Unit 5 &amp;6</b>          | <b>Sunday<br/>19/4</b>   | <b>Tuesday<br/>21/4</b>   | <b>Thursday<br/>23/4</b>   |         |
|-------------------------------|--|---|--|---------|
| <b>Week 7<br/>11:00-14:00</b> | <p align="center"><b>Unit 5<br/>Lecture 17-Dr. Trevor</b></p> <ul style="list-style-type: none"> <li>-Brief personal introductions and replies to the question, ‘What are you hoping to gain from this module on post-trauma recovery and reconstruction?’</li> <li>- Group exercise</li> <li>-Introduce the ICOMOS Matrix for Compilation of Case Studies, with case study examples</li> <li>-The roles &amp; value of “intangible heritage</li> <li>-Group exercise</li> </ul> | <p align="center"><b>Unit 5<br/>Lecture 18-Dr. Trevor</b></p> <ul style="list-style-type: none"> <li>- What do you think a “heritage ecosystem”</li> <li>- Introduction to the changing thinking around the concept of “authenticity” in light of key ICOMOS charters and documents.</li> <li>- Group exercise</li> <li>- Introduction to the concept of “heritage ecosystems</li> <li>- Review of several international case studies that take a heritage ecosystem perspective</li> <li>- Group exercise</li> </ul> | <p align="center"><b>Unit 6<br/>Lecture 19-Dr. Aymen</b></p> <p align="center">REINFORCEMEN AND<br/>STABILIZATION OF BUILT HERITAGE<br/>IN CASES OF EMERGENCY</p> <ul style="list-style-type: none"> <li>-Presentation of various traditional materials (clay, stone and lime mortar)</li> </ul> | 9 Hours |

|  |                                 |  |  |                                       |                                       |                                       |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Eng. Aymen<br>Abu Shaaban<br><br>6 Hours | Dr. Akram Lijla<br><br>15 Hours | Dr. Amra<br>Hadzimuhamedovic<br><br>18 Hours | Dr. Luigi<br>Barazzetti<br><br>9 Hours | Dr. Trevor<br>Marchand<br><br>6 Hours | Dr. Aymen<br>Herzalla<br><br>21 Hours | Dr. ZEYNEP GÜL<br>ÜNAL<br><br>6 Hours |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|

**Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza**

|                               |  |  |   |         |
|-------------------------------|--|--|---|---------|
| <b>Unit 6</b>                 | <b>Sunday<br/>26/4</b>   | <b>Tuesday<br/>28/4</b>  | <b>Thursday<br/>30/4</b>  |         |
| <b>Week 8<br/>11:00-14:00</b> | <b>Lecture 20-Dr. Aymen</b><br><br>-Presentation of various masonry types                                    | <b>Lecture 21-Dr. Aymen</b><br><br>-Presentation of various shoring systems                                  | <b>Lecture 22-Dr. Aymen</b><br><br>-Presentation of various shoring systems                       | 9 Hours |
| <b>Unit 6</b>                 | <b>Sunday<br/>3/5</b>  | <b>Tuesday<br/>5/5</b>   | <b>Thursday<br/>7/5</b>   |         |
| <b>Week 9<br/>11:00-14:00</b> | <b>Lecture 23-Dr. Aymen</b><br><br>-Presentation of similar projects with structural conservation techniques | <b>Lecture 24-Dr. Aymen</b><br><br>-Presentation of similar projects with structural conservation techniques | <b>Lecture 25-Dr. Aymen</b><br><br>-Discussion with the participants regarding the case of study. | 9 Hours |

|                                |   |  |  |         |
|--------------------------------|---|--|--|---------|
| <b>Unit 7</b>                  | <b>Sunday<br/>10/5</b>  | <b>Tuesday<br/>12/5</b>  | <b>Wednesday<br/>13/5</b>  |         |
| <b>Week 10<br/>11:00-13:00</b> | <b>Lecture 26 -Dr. ZEYNEP</b><br><br>– Interpreting Risk in Complex Environment | <b>Lecture 27- Dr. ZEYNEP</b><br><br>– Adaptive Planning and Decision Frameworks | <b>Lecture 28- Dr. ZEYNEP</b><br><br>– Scenario Lab and Applied Planning | 6 Hours |

|  |                                 |  |  |                                       |                                       |                                       |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Eng. Aymen<br>Abu Shaaban<br><br>6 Hours | Dr. Akram Lijla<br><br>15 Hours | Dr. Amra<br>Hadzimuhamedovic<br><br>18 Hours | Dr. Luigi<br>Barazzetti<br><br>9 Hours | Dr. Trevor<br>Marchand<br><br>6 Hours | Dr. Aymen<br>Herzalla<br><br>21 Hours | Dr. ZEYNEP GÜL<br>ÜNAL<br><br>6 Hours |
|--|---------------------------------|--|--|---------------------------------------|---------------------------------------|---------------------------------------|

## Emergency Heritage Recovery and Site Management Training for Engineers and Site Managers in Gaza

|                                      |                             |  |                                    |                                   |                                   |                                   |
|--------------------------------------|-----------------------------|--|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Eng. Aymen<br>Abu Shaaban<br>6 Hours | Dr. Akram Lijla<br>15 Hours | Dr. Amra<br>Hadzimuhamedovic<br>18 Hours | Dr. Luigi<br>Barazzetti<br>9 Hours | Dr. Trevor<br>Marchand<br>6 Hours | Dr. Aymen<br>Herzalla<br>21 Hours | Dr. ZEYNEP GÜL<br>ÜNAL<br>6 Hours |
|--------------------------------------|-----------------------------|--|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|