



# **EGREEN Online Training Workshop Report**

"Development of Environmental Engineering Courses and Injection of Climate Change Concept for Undergraduate Curriculum"

September 6th -11th, 2020

# Organized by The University of Jordan, Jordan

#### **Project co-ordinator**

Prof Ahmed Al-Salaymeh,

The University of Jordan (UJ)

Queen Rania Street I Amman 11942, Jordan

Tel: +962-6-53 55 000 Ext. 22816 | Mob: +962-777-64 4364 | Fax: +962-6-53 00 237

Email: egreen@ju.edu.jo

Project website: http://sites.ju.edu.jo/en/egreen/home.aspx

































#### **Review Table**

| Version | Date of Submission | Quality check |      | Technical | l check |
|---------|--------------------|---------------|------|-----------|---------|
|         |                    | Reviewer      | Date | Reviewer  | Date    |
| V01     |                    |               |      |           |         |
|         |                    |               |      |           |         |
|         |                    |               |      |           |         |
|         |                    |               |      |           |         |
|         |                    |               |      |           |         |





#### **Contents**

| RE  | VIEW TABLE   | 2    |
|-----|--|------|
| 1   | OVERVIEW ABOUT PARTICIPANTS AND LECTURERS                | 4    |
| 2   | SUMMARY OF THE ONLINE TRAINING WORKSHOP                  | 8    |
| 2.1 | First day: Sunday, 6 <sup>th</sup> of September, 2020    | 8    |
| 2.2 | Second day: Monday, 7 <sup>th</sup> of September, 2020   | 9    |
| 2.3 | Third day: Tuesday, 8 <sup>th</sup> of September, 2020   | 10   |
| 2.4 | Forth day: Wednesday, 9 <sup>th</sup> of September, 2020 | 11   |
| 2.5 | Fifth day: Thursday, 10 <sup>th</sup> of September, 2020 | 12   |
| 2.6 | Sixth day: Friday, 11th of September, 2020               | 13   |
| 3   | TRAINING MATERIAL  | . 14 |
| 4   | PARTICIPANT LIST   | . 15 |
| 5   | EVALUATION RESULTS                                       | 17   |





# 1 Overview about Participants and Lecturers

Table 1: Lecturers from Jordanian and Syrian Partner Universities

| Name of Instructor      | Institution                                 |
|-------------------------|---|
| Prof. Ahmed A-Salaymeh  | The University of Jordan                    |
| Prof. Mohamad Hamdan    | The University of Jordan                    |
| Dr. Osama Ayadi         | The University of Jordan                    |
| Dr. Bashar Qawasmeh     | The University of Jordan                    |
| Dr. Muna Hindaiyah      | German Jordanian University                 |
| Dr. Hani Muhsen         | German Jordanian University                 |
| Prof. Moayyad Shawaqfah | Al Albayt University                        |
| Eng. Eman Abdelhafez    | The Zaytoonah University of Jordan          |
| Prof. Omer Maaitah      | Mutah University                            |
| Prof. Suhil Kiwan       | Jordan University of Science and Technology |
| Prof. Adnan Ghata       | Al-Baath University                         |
| Dr. Nahed Farhoud       | University of Aleppo                        |
| Prof. Moussa Al-Samara  | Tishreen University                         |
| Eng. Marvin Scherzinger | Hamburg University of Technology            |
| Prof. Salman Ajib       | Technische Hochschule Ostwestfalen-Lippe    |
| Dr. Eduardo Cardoso     | Universidade Catolica Portuguesa            |
| Eng. Mohannad Ashhab    | AEE Committee At the University of Jordan   |
| Eng. Ala'a Mannoun      | AEE Committee At the University of Jordan   |
| Eng. Majd Tarawneh      | AEE Committee At the University of Jordan   |
| Eng. Mahmoud Abu Wardeh | AEE Committee At the University of Jordan   |





Table 2: Agenda for the Online Training Workshop

| Day 1<br>Sunday<br>06.09.2020 |  |  |  |  |
|-------------------------------|--|--|--|--|
| Time                          | Title of the lecture   | Lecturer   |  |  |
| 16:00-17:00                   | Welcome and overview about EGREEN project Presentation   | <b>Prof. Ahmed Al-Salaymeh</b> The University of Jordan                        |  |  |
| 17:00-18:00                   | The role of some European Union projects in Tishreen University in achieving the goals of sustainable development. | <b>Prof. Moussa Al Samara</b> Tishreen University                              |  |  |
| 18:00-18:15                   | Bre  | ak   |  |  |
| 18:15-19:15                   | Energy efficiency in building  | <b>Dr.Osama Ayadi</b><br>The University of Jordan                              |  |  |
| 19:15-20:15                   | MBR technology for wastewater treatment from oil refinery  | <b>Prof. Adnan Ghata</b> Al-Baath University                                   |  |  |
| Day 2<br>Monday<br>07.09.2020 |  |  |  |  |
| Time                          | Title of the lecture   | Lecturer   |  |  |
| 16:00-17:00                   | "Biogas for energy provision"  | Prof. Martin Kaltschmitt Hamburg University of Technology Hamburg              |  |  |
| 17:00-18:00                   | Environmental Modelling  | <b>Dr. Mo'ayyad Shawaqfah</b><br>Al Albayt University                          |  |  |
| 18:00-18:15                   | Bre  | ak   |  |  |
| 18:15-19:15                   | Smart cities ecosystem   | Dr.Loai Dabbour and Eng.Eman<br>Abdelhafez<br>AlZaytoonah University of Jordan |  |  |
| 19:15-20:15                   | Introduction to Photovoltaic systems   | <b>Dr.Osama ayadi</b> The University of Jordan                                 |  |  |
|                               | Day 3<br>Tuesday<br>08.09.2020   |  |  |  |
| Time                          | Title of the lecture   | Lecturer   |  |  |

ERASMUS PLUS Programme–EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





| 16:00-17:00                      | Effect of water variation on soil in arid and semi-arid region   | Prof. Omer Maaitah Mutah<br>University                            |  |  |
|----------------------------------|--|---|--|--|
| 17:00-18:00                      | Treatments of Diary wastewater using Up flow Anaerobic sludge blanket reactor (UASB)                       | <b>Dr.Nahed Farhoud</b> Aleppo University                         |  |  |
| 18:00-18:15                      | 18:00-18:15 Break  |   |  |  |
| 18:15-19:15                      | Wind Energy: Site assessment and Turbine Selection   | <b>Dr.Suhil kiwan</b> Jordan University of Science and Technology |  |  |
| 19:15-20:15                      | Wind Energy: Site assessment and Turbine Selection   | <b>Dr.Suhil kiwan</b> Jordan University of Science and Technology |  |  |
| Day 4<br>Wednesday<br>09.09.2020 |  |   |  |  |
| Time                             | Title of the lecture   | Lecturer  |  |  |
| 16:00-17:00                      | Digital resources for sustainable development  | <b>Dr. Eduardo Luís Cardoso</b> Portuguese Catholic University    |  |  |
| 17:00-18:00                      | Air pollution  | <b>Prof. Mohammad Hamdan</b> The Univrsity of Jordan              |  |  |
| 18:00-18:15                      | Break  |   |  |  |
| 18:15-19:15                      | Groundwater modelling  | <b>Dr. Mo'ayyad Shawaqfah</b><br>Al Albayt University             |  |  |
| 19:15-20:15                      | Safe Drinking Water Human Right<br>Issues: Case Study in Jordan  | <b>Dr.Muna Hindiyeh</b><br>German Jordanian University            |  |  |
| Day 5<br>Thursday<br>10.09.2020  |  |   |  |  |
|                                  |  |   |  |  |
| Time                             | Title of the lecture   | Lecturer  |  |  |
| <b>Time</b><br>16:00-17:00       | Title of the lecture  Energy Conversion Technology in Renewable Energy System based on Electrical Machine. |   |  |  |
|                                  | Energy Conversion Technology in Renewable  | Dr. Hani Muhsen   |  |  |

ERASMUS PLUS Programme–EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





| 18:15-19:15 | Solar Cooling Systems                                  | Prof. Salman Ajib<br>Hoexter University                    |
|-------------|--|--|
| 19:15-20:15 | Renewable Energy Systems                               | <b>Prof. Ahmed Al-Salaymeh</b> The University of Jordan    |
|             | Day 6<br>Friday<br>11.09.2020                          |  |
| Time        | Title of the lecture                                   | Lecturer   |
| 16:00-17:00 | The benefits of being part of an international society | Eng. Mohannad Ashhab AEE Committee at University of Jordan |
| 17:00-18:00 | Job tools in the environmental field                   | Eng. Ala'a Mannoun AEE Committee at University of Jordan   |
| 18:00-18:15 | Bre  | ak   |
| 18:15-19:15 | Introduction to Green buildings                        | Eng. Majd Tarawneh AEE Committee at University of Jordan   |
| 19:15-20:15 | Introduction to Energy Storage                         | Eng. Subhi All-Saif AEE Committee at University of Jordan  |
| 20:15-20:45 |  | Prof. Ahmed Al-Salaymeh and<br>Prof.Moussa Al Samara       |



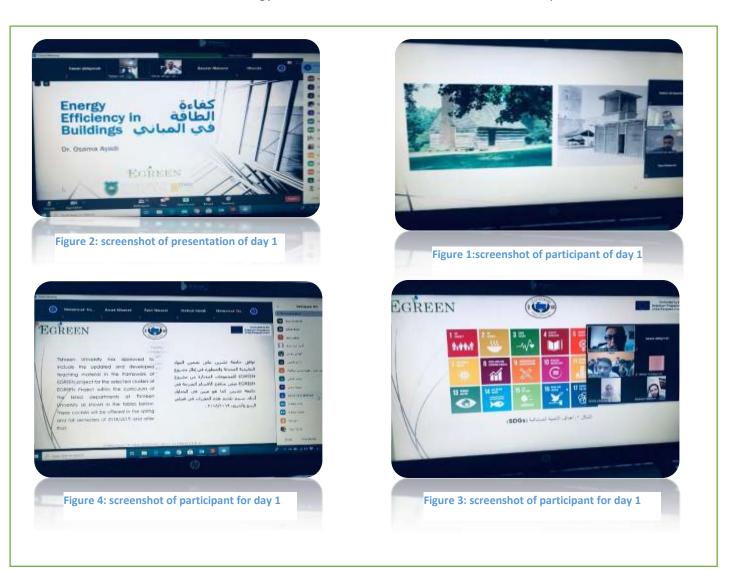


## 2 Summary of the Online Training Workshop

### 2.1 First day: Sunday, 6th of September, 2020

On Sunday, 6th of September, 2020 the Online Training Workshop started via zoom. Different lectures related to "Renewable Energy" were presented.

The Online Training Workshop started with Prof. Ahmed Al-Salaymeh to welcome all of participant and after that Prof. Moussa Al Samara started to talk about the role of some European Union projects in Tishreen University in achieving the goals of sustainable development. Then Dr. Osama Ayadi was talked about Energy efficiency in buildings. Finally Prof. Adnan Ghata closed the first day with a lecture about MBR technology for wastewater treatment from oil refinery.



ERASMUS PLUS Programme-EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



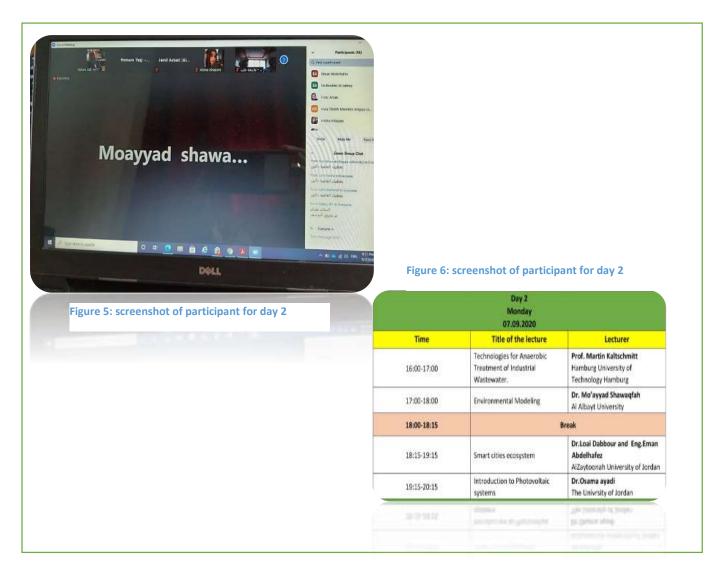


### 2.2 Second day: Monday, 7<sup>th</sup> of September, 2020

On Monday, 7th of September, 2020 the online training workshop continued for the second day in arrow, and in the presence of about 60 Syrian students.

It was started with Prof. Martin Kaltschmitt from Hamburg University of Technology Hamburg He was talked about "Biogas for energy provision".

After that Dr. Mo'ayyad Shawaqfah from Al Albayt University talked about Environmental Modeling. Then Dr. Loai Dabbour and Eng. Eman Abdelhafez from AlZaytoonah University of Jordan were talked about Smart cities ecosystem. The last lecture was with Dr. Osama ayadi from The University of Jordan and it was about Environmental Modeling.



ERASMUS PLUS Programme-EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





### 2.3 Third day: Tuesday, 8th of September, 2020

On Tuesday, 8th of September, 2020 the online training workshop continued for the third day in arrow, and in the presence of about 70 Syrian students.

The first lecture given by Prof. Omer Maaitah from Mutah University and it was about Effect of water variation on soil in arid and semi-arid region.

After that Dr. Nahed Farhoud from Aleppo University was started to talk about Treatments of Diary wastewater using up flow anaerobic sludge blanket reactor (UASB). The last lecture lasted for two hours and it was about Wind Energy: Site assessment and Turbine Selection, given by Dr. Suhil kiwan from Jordan University of Science and Technology.



Figure 5: screenshot of presentation of day 3



Figure 6: screenshot of participant for day 3



Figure 8: screenshot of agenda for day 3

| Time       | Title of the lasters   | Lecturer   |
|------------|--|--|
| 1900-1700  | Effect of entire venicition on soil in<br>and and semi-and region                          | Wolf, Oney Moultah<br>Midsh University                             |
| 1790-18100 | Trestments of Diary materiate<br>using Up New Assemblic sludge<br>blanket rejustor (J.458) | Dr. Nahed Farboard<br>Sleggo University                            |
| 1000-10:55 | No.  | 104  |
| 1825-1929  | Wind Energy Site assessment<br>and Turbine Selection                                       | Dr. Sahiff Moure<br>conduct University of Science an<br>Technology |
| 1K15-30/25 | Wind Energy: Sits acceptment and<br>Turbine Selection                                      | Dr. Sofrif Moure<br>London University of Science on<br>Notherclass |

Figure 7: screenshot of presentation of day 3

ERASMUS PLUS Programme-EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





### 2.4 Forth day: Wednesday, 9th of September, 2020

On Wednesday, 9th of September, 2020. The online training workshop continued for the fourth day in arrow, and in the presence of about 60 Syrian students.

The first lecture given by Dr. Eduardo Luís Cardoso from Portuguese Catholic University and it was about Digital resources for sustainable development. After that Prof. Mohammad Hamdan from The University of Jordan was started to talk about Air pollution. After that Dr. Mo'ayyad Shawaqfah from Al Albayt University was started to talk about Groundwater modeling.

The last lecture was with Dr.Muna Hindiyeh from German Jordanian University and it was about Safe Drinking Water Human Right, Issues: Case Study in Jordan.



Figure 11: screenshot of presntation of day 4



Figure 10: screenshot of participant for day 4

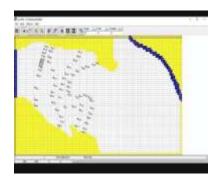


Figure 12: screenshot of presentation of day 4



Figure 9:screenshot of presentation of day 4





### 2.5 Fifth day: Thursday, 10<sup>th</sup> of September, 2020

On Thursday, 10th of September, the online training workshop continued for the fifth day in arrow, and in the presence of about 70 Syrian students.

The first lecture given by Dr. Hani Muhsen from German Jordanian University and it was about Energy Conversion Technology in Renewable Energy System based on Electrical Machine. After that Dr. Bashar Qawasmeh from The University of Jordan given a lecture about Thermal Comfort. After that Prof. Salman Ajib from Hoexter University was started to talk about Solar Cooling Systems.

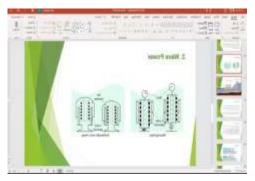


Figure 14: screenshot of presentation for day 5



Figure 16:screenshot of participant of day 5



Figure 13:screenshot of presentation of day 5



Figure 15: screenshot of participant of day 5



#### 2.6 Sixth day: Friday, 11th of September, 2020

On Friday, 11 of September, 2020, was the last day of the online workshop, AEE students from the University of Jordan were presented 4 lecture on different topics, after that Prof. Salaymeh and Prof. Samara were closed the online training workshop.

The first lecture given by Eng. Mohannad Ashhab from AEE Committee at University of Jordan and it was about the benefits of being part of an international society. After that Eng. Ala'a Mannoun from AEE Committee at University of Jordan was started to talk about Job tools in the environmental field, then Eng. Majd Tarawneh from AEE Committee at University of Jordan was started to talk about Introduction to Green buildings. The last lecture given by Eng. Subhi All-Saif from AEE Committee at University of Jordan and it was about Introduction to Energy Storage. Finally Prof. Ahmed Al-Salaymeh and Prof. Moussa Al Samara closed the last day of online training workshop.

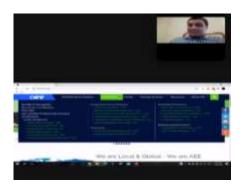


Figure 17:screenshot of the presentation of day 6



Figure 20: screenshot of the presentation of day 6



Figure 18: screenshot of participant for day 6



Figure 19: screenshot of the presentation of day 6

ERASMUS PLUS Programme-EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





# 3 Training Material

All presentations given at the Online Training Workshop have been collected and are available via following links:

| #     | Date       | Link of Recording   | Passcode |
|-------|------------|---|----------|
| Day 1 | Sunday     | Error happened during record                                  |          |
|       | 06.09.2020 | So there is no recording for this day (Sorry for that )       |          |
| Day 2 | Monday     | https://zoom.us/rec/share/tYIWsiMy0ZBxkHLAPHbvwhKRAT9NM2 +N   |          |
|       | 07.09.2020 | LoPCPCNKac5Z jZEwe2iiAJZ9yp IsONHm.T4QPMZy42ASYYS6G           |          |
| Day 3 | Tuesday    | https://zoom.us/rec/share/fD_SbxE2KetZJf_IxT8nlyJ1c_dAooDO    | @8a1^CGv |
|       | 08.09.2020 | Y77Mg4pLGEH7VvYT_tqvJGyja_1Mz6b81.9asDhD1lw6O_pg_J            |          |
| Day 4 | Wednesday  | https://zoom.us/rec/share/b00MdpuqcjM4h YqW76Fg6fV4dPqh       | pjtAF0!  |
|       | 09.09.2020 | xVBHffFYSetSlGqAU3UqpLlue PO FNOPD8B.b7Vf s6N37ja8-4k         |          |
|       |            | https://zoom.us/rec/share/vJIF53V5hFlt2DTyVbc7x JREd Ira2J8Ka | Uxw5.m20 |
| Day 5 | Thursday   | OBfPA8h2tvhdoi30YO2R3 xhWz pSe.6xDIKV6jAV-imsPS               |          |
| Day 5 | 10.09.2020 | https://zoom.us/rec/share/knx Rs2VOyH3aRxK1CpGN-HeGypyn-      | 190Y.o#% |
|       |            | HmFHzirpDw06e5dqlqEH3ICP0Wioaho4w.Vgy9RqiQzQw4tlFN            |          |
| Day 6 | Friday     | https://zoom.us/rec/share/9ISywH7wGcY36XV5tfXvFjmIsL4NCCvA    | 1LQ^&mPI |
|       | 11.09.2020 | i8QJ 6K8nTRxJtaGJjlKDwSMGJkp 4lGr.jsbXSca5PxLPJBfC            |          |





# 4 Participant List

All participants had to sign via zoom meeting by their names as the following table:

| #  | Name                    | #   | Name                        |
|----|-------------------------|-----|-----------------------------|
| 1  | Abdalkarim Ghbien       | 89  | Islam OTHMAN                |
| 2  | Àbdul nasser alaaraj    | 90  | Jamil ASBATI                |
| 3  | Adnan Ghata             | 91  | Joudy TARZI                 |
| 4  | Ahmad alzoubi           | 92  | Kais EIMESH                 |
| 5  | Ali Ismail alkhalil     | 93  | Kawthar kdimati             |
| 6  | Aqil Abd Al-Jaleel Hajo | 94  | Kawther KDIMATI             |
| 7  | Aya Ahmad Al Mansour    | 95  | Khaled ALTISH               |
| 8  | Aya Ibraheem Rastanawi  | 96  | Louy SHAQRA                 |
| 9  | Bana alsayed suliman    | 97  | Maan JNEID                  |
| 10 | Batool Aldeeb           | 98  | Mahmoud NAHHAS              |
| 11 | Carla Nezar Kassis      | 99  | Majd Al Deen Al Balekh      |
| 12 | Firas Khiry Arran       | 100 | Mariam al dalia             |
| 13 | Ghader mohamad. mahfoud | 101 | Marouf Moazzen              |
| 14 | Hala albder             | 102 | Maysan Sabbagh              |
| 15 | Hassan                  | 103 | Minerva shikh wessi         |
| 16 | kasandra darouj         | 104 | Mohamad ALMASRI             |
| 17 | kasandra darouj         | 105 | Mohamad FARES               |
| 18 | Klood Ziad Altarsha     | 106 | Mohamad Humam Yazji         |
| 19 | Klood Ziad Altarsha     | 107 | Mohamad Ihsan Hammal        |
| 20 | Laila nezha             | 108 | Mohamad Taher NASHED        |
| 21 | Lama khaled sefo        | 109 | Mohamed ABDULKHALEK         |
| 22 | Mhd Thaer Rajjoub       | 110 | Mohamed Karam Almohamed     |
| 23 | Mohamad Qusay Abo Hamad | 111 | Mohammad Ebrahim SHRAIEF    |
| 24 | Mohamed abdulkhalek     | 112 | Mohammad HAMMAD             |
| 25 | Mohamed Waheed Alowayed | 113 | Mohammad MARDINI            |
| 26 | Mohammad Nedhal Ali     | 114 | Mohammad Mardini            |
| 27 | Mohammad Shukfa         | 115 | Mohammad MASRI              |
| 28 | Mohammad Shukfa         | 116 | Mohammad Namah              |
| 29 | Omar Alhussami          | 117 | Mohammad Omar ALNAMAH       |
| 30 | rami massouh            | 118 | Mohammad Taher Nashed       |
| 31 | Raneem Issa Nassef      | 119 | Mohammed ABDULLAH           |
| 32 | Raneem Nassef           | 120 | Mohammed ALKARAM ALMOHAMMED |
| 33 | Raneem Nassef           | 121 | Mohammed HAMAMEH            |
| 34 | Rawan Yousef            | 122 | Mothana ALJASSEM            |
| 35 | Reham Al-hamwi          | 123 | Mouhamed Airoud BASMAJI     |
| 36 | Reham mohammad Al-Hamwi | 124 | Muhamad Ahmad AlKhalaf      |
| 37 | Ryam Zeino              | 125 | Muhammad Adel SAWAS         |
| 38 | Ryam zieno              | 126 | Muhammad Suliman HAMMAD     |
| 39 | Safaa atamaz sibai      | 127 | Muhanad Alaani              |

ERASMUS PLUS Programme–EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

**DISCLAIMER:** This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information

contained therein.





| 40 | Cofoo atmoz aikai        | 120 | Muhmad Ahmad Alkalaf         |
|----|--------------------------|-----|------------------------------|
| 40 | Safaa atmaz sibai        | 128 | Muhmad Ahmad Alkalaf         |
| 41 | safaa.atamaz.sibai       | 129 | Mustafa Mohamad ALSAEED      |
| 42 | Salih alahmad            | 130 | Mustafa Sawas                |
| 43 | Sally khouri             | 131 | Nermin DAOUD                 |
| 44 | Waad Rabahia             | 132 | Nour Attmeh                  |
| 45 | waheed alowayed          | 133 | Nour Qatmeh                  |
| 46 | Yara salameh             | 134 | Omar Alhaji                  |
| 47 | Zakaria amer             | 135 | Omar HAMAMA                  |
| 48 | Islaam Othman            | 136 | Omar HORAN                   |
| 49 | Sabaa ALDROUBI           | 137 | Omar Moustafa ALHAJI         |
| 50 | Sana MNAJED              | 138 | Omran DABOOL                 |
| 51 | Abd Ulrazzak Khalilo     | 139 | Radwan alahmh                |
| 52 | Abdallah SAKKA           | 140 | Rama DAMLKHI                 |
| 53 | Abdulkarem ALYOUSFI      | 141 | Rama HAJ KHALAF              |
| 54 | Abdullah SHARAF EDDIN    | 142 | Rand HAMZE                   |
| 55 | Abdulrazzak KHALILO      | 143 | Randa NAJJAR                 |
| 56 | Abeer ABDULWAHED         | 144 | Rasha Allam                  |
| 57 | Abeer nashwan abdulwahed | 145 | Ratiba WAEZ                  |
| 58 | Adnan ALMASRI            | 146 | Rawan BRIMO                  |
| 59 | Ahmad ABDULJABAR         | 147 | Samer ISTANBULY              |
| 60 | Ahmad Alessa             | 148 | Sana mnajed                  |
| 61 | Ahmad AQJEH              | 149 | Shaman ALWAWI                |
| 62 | Ahmad HAMMAMI            | 150 | Sheyam OLABI                 |
| 63 | Ahmad KOBO               | 151 | Shurouk ALYOUSEF             |
| 64 | Ahmad Zaher Albitar      | 152 | Taghreed Abo Al Oioon        |
| 65 | Ahmed JDEIA              | 153 | Taha ALJWALA                 |
| 66 | Ahmed Jdiea              | 154 | Turki ALALYAN                |
| 67 | Ali ALMUHAMMAD           | 155 | Yara Maarouf                 |
| 68 | Amjad DAHER              | 156 | Yara MAROUF                  |
| 69 | Ammar HIJAZI             | 157 | Yasmine ABD ALJLIL           |
| 70 | Ammar Khalilo            | 158 | Yazan OJAILY                 |
| 71 | Anas MOUSA               | 159 | zahra Alhsen                 |
| 72 | Aya Albour Mohammed Hadi | 160 | Zoher ARNB                   |
| 73 | Aya Alnour Mohammed Hadi | 161 | Wael Edrees                  |
| 74 | Aya Alzainab             | 162 | Ali Thabet Kassab            |
| 75 | Aya Maaz                 | 163 | Amani Mohammad Yaser Alhamad |
| 76 | Bashir ZALKHY            | 164 | Ammar Mahmod AlFattamah      |
| 77 | Bayan Abd Alraheem       | 165 | Ayham ghandour               |
| 78 | Douaa khayat             | 166 | Bassem Mansour               |
| 79 | Ebrahim ALRAHMO          | 167 | Bushra Hasan                 |
| 80 | Ebrahim ZEATER           | 168 | Ghiwa neemeh                 |
| 81 | Eng. Mahmoud NAHHAS      | 169 | Habib Daaboul                |
| 82 | Esraa SHEIKH SALIM       | 170 | Hibbalah mustafa khazem      |
| 83 | Fayez MOUSA              | 171 | Karam Haddad                 |
|    | ,                        |     |                              |

ERASMUS PLUS Programme–EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

**DISCLAIMER:** This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information

contained therein. Page | 16





| 84 | Hala Shiekh Mummo     | 172 | Kholoud Kassab |
|----|-----------------------|-----|----------------|
| 85 | Hammod Hason ALMOFADE | 173 | Mahmoud Kamel  |
| 86 | Hussein RAI           | 174 | Mirna Ali      |
| 87 | ibrahim al rahmo      | 175 | Raneem Abboud  |
| 88 | Ibrahim shraif        |     |                |

#### **5 Evaluation Results**

An online evaluation survey was filled by the participants of the Train-of-Student online workshop. However, the survey results were collected by The University of Jordan. After analyzing the result, it is clear that, the online training workshop achieved great success with the confirmation of all the attendees, in terms of organization, scientific content and performance.

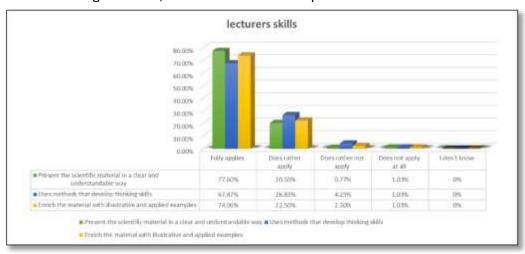


Figure 21: lecturer's skills analysis



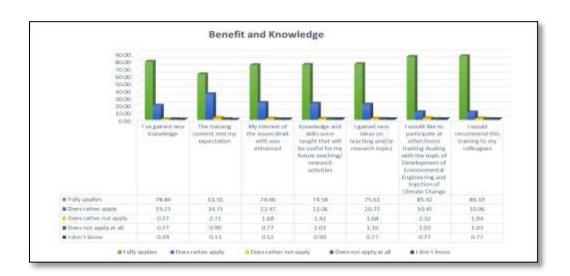


Figure 22:benefit and knowledge analysis



Figure 23: workshop quality analysis



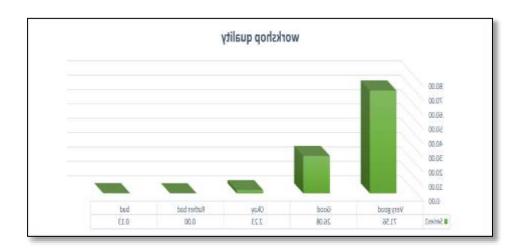


Figure 24:workshop quality analysis

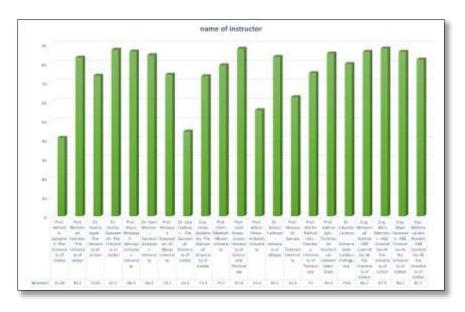


Figure 25: names of instructor