



SWIM – Sustainable Water Integrated  
Management – Demonstration Project  
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Sustainable Water Integrated Management (SWIM) – Demonstration Project (DP)  
EuropeAid/131046/C/ACT/Multi  
Budget line 19.080101  
"European Neighborhoods and Partnership (ENP) financial co-operation with  
Mediterranean countries"

**“Adaptation to Climate Change of Mediterranean Agricultural Systems”  
ACLIMAS SWIM Demonstration Project ([www.aclimas.eu](http://www.aclimas.eu))**

*ACLIMAS Training course on*

**“AGRONOMIC AND ENGINEERING ASPECTS OF  
ADAPTATION TO CLIMATE CHANGE IN MEDITERRANEAN AGRICULTURE”**

Agricultural extension and service Center of the Litani River Authority  
- Kherbet Kanafar, Bekaa, Lebanon

2-6 November, 2015

**Agenda**

**Day 1:** (Monday, November 2)

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|---------------|---|
| 8:30          | Registration  |
| 9:00 -9:30    | Welcome addresses (Mohammed Younes, Mladen Todorovic, Marie Therese Abi Saab, Roula Khadra) |
| 9:30 -10:30   | Introduction to ACLIMAS project and its main achievements, Mladen Todorovic (CIHEAM-IAMB)   |
| 10:30         | Coffee Break  |
| 11:00 – 13:00 | ACLIMAS activities in Lebanon and main achievements, Marie Therese Abi Saab (LARI)          |
| 13:00 – 14:00 | Lunch Break   |
| 14:00 – 16:00 | CROPWAT software for irrigation scheduling, Marie Therese Abi Saab (LARI)                   |

**Day 2:** (Tuesday, November 3)

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|---------------|---|
| 8:30 -10:30   | Best management practices for water saving and climate change adaptation in Bekaa Valley, Musa Nimah (AFIAL)                |
| 10:30         | Coffee Break  |
| 11:00 – 13:00 | Best management practices for water saving and climate change adaptation in Bekaa Valley (continuation), Musa Nimah (AFIAL) |



- 13:00 – 14:00 Lunch Break
- 14:00 – 16:00 Climate change and its impact of water use efficiency and water productivity in the Mediterranean environments: how to adapt and mitigate? Mladen Todorovic (CIHEAM-IAMB)

**Day 3:** (Wednesday, November 4)

- 8:30 -9:30 Water and Soil analysis: theoretical background and practical application, Adel Aly (CIHEAM-IAMB)
- 9:30-10:30 Plant and Food analysis: theoretical background and practical application, Ivana Cavoski (CIHEAM-IAMB)
- 10:30 Coffee Break
- 11:00 – 13:00 Large scale pressurized irrigation systems : design for operation, Roula Khadra (CIHEAM-IAMB)
- 13:00 – 14:00 Lunch Break
- 14:00 – 16:00 Large scale pressurized irrigation systems: design for operation: Insights on Climate change, Roula Khadra (CIHEAM-IAMB)

**Day 4:** (Thursday, November 5)

- 8:30 -10:30 Summary of Day 3
- On Demand delivery schedule: perspectives and constraints, Roula Khadra (CIHEAM-IAMB)
- 10:30 Coffee Break
- 11:00 – 13:00 Analysis and Management options of large scale pressurized irrigation systems Insights on Climate change, Roula Khadra (CIHEAM-IAMB)
- 13:00 – 14:00 Lunch Break
- 14:00 – 16:00 Analysis and Management options of large scale pressurized irrigation systems under climate change: Role of New technologies, Dr Roula Khadra (CIHEAM-IAMB)

**Day 5:** (Friday, November 6)

- 8:30 -10:30 Summary of Day 4
- 10:30 Coffee Break
- 11:00 – 12:30 Concluding results and closing ceremony
- 13:00 – 15:00 Social Lunch