



UNIVERSITÀ
DEGLI STUDI
SASSARI



ILHAM-EC

The contribution of Aristotle
University of Thessaloniki in the
ILHAM-EC Erasmus+ project and
benefits gained by AUTH from the
participation“

George Bilas
Aristotle University of Thessaloniki

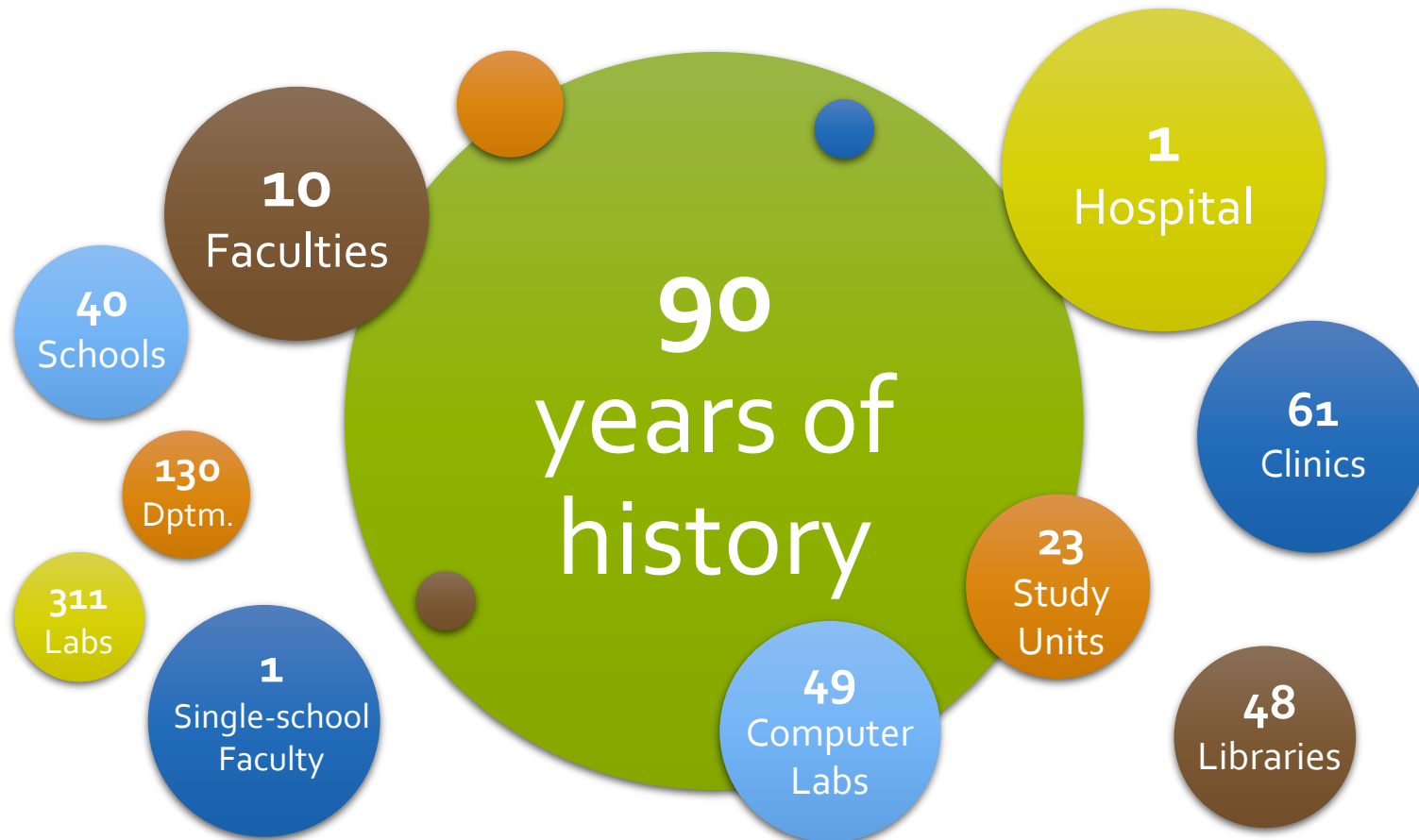
Cairo, 7 October 2019

Co-funded by the
Erasmus+ Programme
of the European Union





A University in numbers





A.U.TH. Scientific Team

- **Dr Konstantinos Mattas**, Prof. of Agricultural Policy, Greek team leader in the ILHAM-EC project
- Dr Anastasios Michailidis, Ass. Prof. (Water Resources Management)
- Dr Christos Mattas, (Water Resources Management)
- Dr George Bilas, (Soil Resources Management)



Scientific Collaborators

1. Botonaki Anna (ARISTOTLE UNIVERSITY OF THESSALONIKI)
2. Galanopoulos Konstadinos (DEMOCRITUS UNIVERSITY OF THRACE)
3. Karelakis Christos (ARISTOTLE UNIVERSITY OF THESSALONIKI)
4. Loizou Efstratios (TEI OF WEST MACEDONIA)
5. Natos Dimitrios (ARISTOTLE UNIVERSITY OF THESSALONIKI)
6. Polymeros Konstadinos (UNIVERSITY OF THESSALY)
7. Raptou Elena (ARISTOTLE UNIVERSITY OF THESSALONIKI)
8. Tsakiridou Efthimia (ARISTOTLE UNIVERSITY OF THESSALONIKI)
9. Tsakiri Meropi (ARISTOTLE UNIVERSITY OF THESSALONIKI)
10. Konstadinidis Christos (ARISTOTLE UNIVERSITY OF THESSALONIKI)



Research and Teaching Experience

Sponsor	Project Title
EU FP7 - Call: FP7-KBBE-2010-4. Grant agreement No: 265616	FADNTOOL “Integrating Econometric and Mathematical Programming Models into an Amendable Policy and Market Analysis Tool using FADN Database” (Project Coordinator, Scientific Coordinator, 2,499,862 €) 2011 – 2014.
EU FP7 - Call: FP7-KBBE-2007-1 Grant agreement No: 212120	TEAMPEST “Theoretical Developments and Empirical Measurement of the External Costs of Pesticides” (Project Coordinator, Scientific Coordinator, 2,266,380 €) 2008-2011.
EU FP6 - Priority 8.1-B.1.1 Grant agreement No: 044283	FOODIMA “EU Food Industry Dynamics and Methodological Advances” (Project Coordinator, Scientific Coordinator, 950,067 €) 2007-2009.
EU FP6 Priority 8.1-B.1.1 Grant agreement No: 022653	CARERA “The Impacts of CAP Reform on the Employment Levels in Rural Areas” (Project Coordinator, Scientific Coordinator, 1,499,900 €) 2006-2008.
EU FP6 - Priority 8.1-B.1.1 Grant agreement No: 502459	MEDFROL “Market and Trade Policies for Mediterranean Agriculture: the case of fruits/vegetables and olive oils” (Scientific Coordinator) 2004-2006.
2005/0660/6.2	AGRI “Impact Analysis of the European Commissions Options for a Reform of the Tobacco Common Market Organization” (Scientific Coordinator) 2005.
QLK5-CT-2001-01608	REALBALK “Rural Employment and Agricultural Perspective in the Balkan Agricultural Countries” (Work package Leader) 2001.
FAIR, 3-CT96-1849/CAP-STRA, QLKS-CT-2000-00394	CAPRI “Common Agricultural Policy Regional Impact Analysis” (Participant) 2000.
FAIR, 1-CT95-0306	PDO and PGI products “Market, Supply Chains and Institution” (Participant) 1999.
Erasmus+	<i>Master in Agricultural and hydrological Approaches to a better sustainable development - MAYA</i>
Several other European and National Research Projects.	



Main Contribution

➤ WORK PACKAGE 3

Task 3.1 Preparation of web modules

➤ WORK PACKAGE 5

Task 5.3 Web seminars for Master students

➤ WORK PACKAGE 8

Task 8.1 Administrative and financial management



Implemented tasks and activities



Administrative activities

A.U.TH participated at the following administrative activities:

- the launching meeting that was held on 07 March 2016 (Cairo University) and at the First Steering Committee meeting that followed in 07-08 of March
- the Scientific Group meeting that took place in Cairo University on 28 November 2016 and at the Participatory Workshop that was organized for the next two days
- the Second Steering Committee meeting in Rome (19-20 June 2017)
- the Third meeting of the Steering Committee in Cairo (20 of February 2018)



Participatory Workshop

A.U.TH participated at the Participatory Workshop held in Cairo on 29-30 November 2016 with the presentation entitled:

“Existing web tools for sustainable land management”



Modules

A.U.TH developed 2 modules with the following titles:

- Water resources management
- Soil salinity and land management



Modules

Soil salinity and land management

This module was divided in five topics including:

- 5 power point presentations
- 9 videos
- 3 different items of reading material (papers, technical reports, handbooks etc)
- practical questions
- Video scribing



Modules

Water resources management

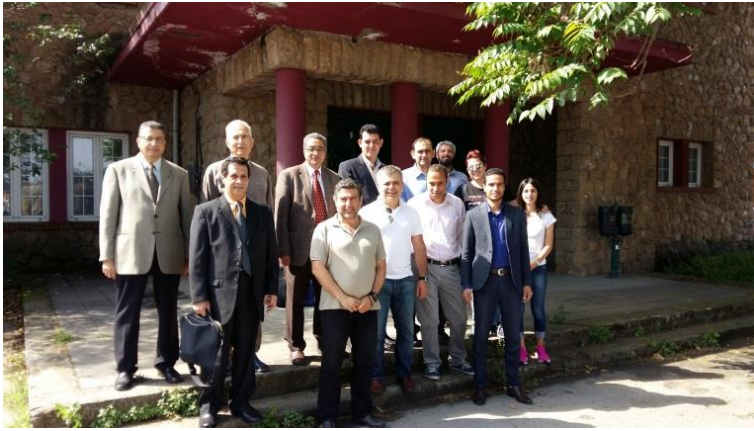
This module was divided in eight topics including:

- 9 power point presentations
- 13 videos
- 10 different items of reading material (papers, technical reports, hanbooks etc)
- quiz
- practical questions
- Video scribing



Training in Thessaloniki - May 2017

A.U.TH. in the frame of the Special Mobility Strand organized a training event in Thessaloniki





Training in Thessaloniki - May 2017

Presentations

- Introductory speech on agro-technology economics. Prof. Konstadinos Mattas.
- Presentation of the SUWANU (FP7) project results regarding wastewater treatment and reuse. Prof. Anastasios Michailidis.
- Diachronic water supply and hydraulic works of water exploitation (Hydrotechnologies) in Greece through the centuries. Prof. K. Voudouris.
- Greek soil data base and soil quality. Dr. George Bilas.
- Remote sensing for water resources management . Prof. Thomas Alexandridis.
- Water resources management: case studies from Greece. Dr. Christos Mattas.
- Modern irrigation methods. Prof. Pantazis Georgiou.
- Applications of precision agriculture and remote sensing. Prof. Dimitrios Moschou



Training in Sassari - January 2018

Training on Sustainable Land Management implemented in Sassari - January 2018

- Computational data analysis and statistics in Agriculture (Part I-Theoretical). Michailidis Anastasios.
- Computational data analysis and statistics in Agriculture (Part II). Teaching methods: (Case Study) Farmers' typology, based on their innovative behavior. Michailidis Anastasios.
- Water abstraction works. Christos Mattas.
- Introduction to groundwater resources exploration and exploitation . Christos Mattas.
- Assessment and quantification of soil quality. George Bilas.
- Minimum data set and mapping of soil quality. George Bilas.



Benefits for AUTH

- Prospects for new collaborations have been established (there was an attempt of joint submission for a project proposal between Greek and Egyptian Universities).
- Teachers from AUTH updated and widened their knowledge and experience by attending the implemented workshops and trainings and by visiting the campus of other Universities.
- It was an opportunity even for teachers from different disciplines in the same University to establish collaboration.
- Finally based on the curricula of the new master program (ILHAM) a discussion about changes in the curricula of the existing master programmes in AUTH started.