



Research
Excellence



FASTER

Farmers' Adaptation and Sustainability in Tunisia
through Excellence in Research

1st FASTER SPECIALIZED TRAINING

on adaptation to climate
change in forest, water and
landscape management in
the Mediterranean, governance
and policy analysis for adaptation

2-6 NOVEMBER 2020 (ONLINE)

AGENDA



This project has received funding
from the European Union's
Horizon 2020 research and
innovation programme under
grant agreement No 810812.

FASTER in a Nutshell

Farmers' Adaptation and Sustainability Through Excellence in Research (FASTER) is a Twinning Project funded by European Commission (Directorate General for Research and Innovation) through Horizon 2020 funding programme. FASTER aims to reinforce research and knowledge transfer capacity of INRGREF related to innovative land and water management in view of climate change and its implementation through the use of Farm Advisory Systems (FAS). To achieve its mission, FASTER will develop a sustainable framework for research capacity building, international networking and FAS practice. The consortium gathers seven European and Tunisian partners: Two EU partners of established scientific excellence in the topic, [CREAF](#) and the [Lund University](#), will ensure strengthening of researchers and technicians of [INRGREF](#) and the associated [IRESA](#) (the Institution for Agricultural Research and Higher Education) centres. [Europe for Business](#) will then evaluate the experience from the economic perspective, and [Vision Communication](#) will ensure an appropriate public awareness, dissemination of results, and, jointly with [The Node](#), trainings support. Finally, [AVFA](#) (the Agriculture Extension and Training Agency) will serve as a liaison with policy makers and related stakeholders making sure to integrate the FASTER results in national policies.

The training programme

One of the main goals of the FASTER project is to reinforce the research and knowledge transfer capacity of INRGREF and associated Tunisian partners in relation to innovative land and water management in view of climate change.

Improving research excellence, enhancing reputation, and achieving higher competitiveness in the EU and beyond through national and international funding opportunities, also requires the reinforcement of knowledge on the specific thematic areas such of adaptation to climate change and water and land management including innovative governance.

Agenda, Topics and Thematic Experts

- Date: 2-6 November 2020
- Venue: live-streaming using an on-line platform
- Trainings Coordinator: CREAM
- Topics and Trainers:
 - Climate change impacts at global scale and in the Mediterranean, Diana Pascual and Eduard Pla (CREAM)
 - Water and forest management and climate change adaptation Financial, Diana Pascual and Eduard Pla (CREAM)
 - Landscape management, Enrique Doblas, Cristina Domingo and Lluís Pesquer (CREAM)
 - Water management policy analysis, Annelies Broekman and Anabel Sanchez (CREAM)
 - Innovative governance for adaptation, Annelies Broekman and Anabel Sanchez (CREAM)
 - Design and evaluation of adaptation measures, Annelies Broekman and Anabel Sanchez (CREAM)

Certification:

Participants will receive an official recognition issued by FASTER.



Day 1

Climate change impacts at global scale and in the Mediterranean

Lecturers: Diana Pascual and Eduard Pla. CREAM

The course aims at supplying knowledge regarding climate change effects, analysing the causes and the observed changes at a global and Mediterranean scales. The course takes its start at the present-day climate of the Mediterranean and provides a discussion on future conditions and projections, and its effects on ecosystems and society. The course aims to contribute to FASTER's objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to the causes and observed global change impacts and expected global change impacts putting a focus on the Mediterranean area. The sessions will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Monday 2th November 2020	
9:00-9:30	Welcome and presentations
9:30-10:00	Global change impacts: Causes, observed and expected global impacts
10:00-10:30	Facilitated debate
10:30-11:00	BREAK
11:00-11:30	Global change impacts: Causes, observed and expected impacts in the Mediterranean
11:30-12:00	Facilitated debate
12:00-12:30	Explanation of tasks to do & Wrap up



Day 2

Water and forest management & climate change adaptation

Lecturers: Diana Pascual and Eduard Pla. CREAM

The course aims at sharing knowledge about climate change related vulnerability in water and forest ecosystems, understanding the application of tools, approaches and research settings to study this vulnerability and analysing innovative solutions in order to adapt agro-forest systems to climate change in the Mediterranean basin. Practical exercises on concrete case studies are included. The course aims to contribute to FASTER's objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to the expected impacts of climate change in Mediterranean forests and the use of forest management as an adaptation measure. Moreover, the session will include the application of tools, approaches and research settings to estimate impacts on water and experiences on water management as an adaptation measure.

The sessions will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Tuesday 3rd November 2020	
9:30-10:00	Forest management and climate change adaptation
10:00-10:30	Facilitated debate
10:30-11:00	BREAK
11:00-11:30	Water management and climate change adaptation
11:30-12:00	Facilitated debate
12:00-12:30	Explanation of tasks to do & Wrap up



Day 3

Design and evaluation of adaptation measures

Lecturers: Annelies Broekman and Anabel Sanchez. CREAM

The course aims at providing theoretical and practical knowledge and methodologies to design, test and evaluate adaptation measures in the agriculture, forestry and water management sectors. At first the impacts of climate change in the Mediterranean are introduced, as well as the basic concepts framing climate change studies. The course provides concrete indications on how measures are analysed and provides examples on the most used approaches. Moreover, the course introduces several approaches for including multi-stakeholder platforms and participatory evaluation of measures, and basic references to avoid “maladaptation”. The course aims to contribute to FASTER’s objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to adaptation measures typologies and design, participatory evaluation of adaptation measures and maladaptation. The sessions will include video-experiences of stakeholders and will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Wednesday 4th November 2020	
9:30-10:00	Adaptation measures: Typologies and Design
10:00-10:30	Facilitated debate/ Practical exercises
10:30-11:00	BREAK
11:00-11:30	Participatory evaluation of adaptation measures and maladaptation
11:30-12:00	Facilitated debate / Video-Experiences on adaptation
12:00-12:30	Explanation of tasks to do & Wrap up



Day 4

Landscape management

Lecturers: Enrique Doblas, Cristina Domingo and Lluís Pesquer. CREAM

One of the objectives of the course is to pay attention to considering landscapes at a single unit of management. A historical view of the evolution of landscape management from the European perspective will be provided, with the aim of discussing similarities and differences from the Maghreb. Later, the main technique for an appropriate landscape view, GIS, would be explained under a climate change adaptation perspective and discussed for a Tunisian approach. The course aims to contribute to FASTER's objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to landscape management: EU vs Magreb and GIS and satellite applied to land and water management. The sessions will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Thursday 5th November 2020	
9:30-10:00	Landscape management: EU vs Magreb
10:00-10:30	Facilitated debate / Practical exercises
10:30-11:00	BREAK
11:00-11:30	GIS and satellite applied to land and water management
11:30-12:00	Facilitated debate
12:00-12:30	Explanation of tasks to do & Wrap up



Day 5

Innovative governance for adaptation

Lecturers: Annelies Broekman and Anabel Sanchez. CREAM

The course aims at understanding the importance of innovative governance for actually implementing adaptation processes. The course first introduces the concepts of adaptive management, a structured, iterative process of robust decision making in the face of uncertainty, such as the impacts of climate change. The course also explores recent advances on the creation of institutional coordination settings that could enable harmonizing policies for reducing the vulnerability of society and environment to climate change. The course includes an interview on concrete experiences related to the creation of spaces of governance. The course aims to contribute to FASTER's objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to adaptive management and spaces of governance. The sessions will include video-experiences of stakeholders and will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Friday 6th November 2020	
9:30-10:00	Innovative governance for adaptation
10:00-10:30	Video-Experiences on adaptation and governance
10:30-11:00	BREAK



Day 5

Water management policy analysis

Lecturers: Annelies Broekman and Anabel Sanchez. CREAM

The course aims at providing an introduction to its basic conceptual and theoretical framework for water policy analysis, considering international references and examples from the EU context. The course focusses on a consolidated analytical framework that can be used to design and contextualize assessments in the water sector has 3 main components:

1. Power, as analysed from the perspective of stakeholders, institutions and interests.
2. Principles, in particular transparency, accountability and participation.
3. Governance performance, including efficiency and effectiveness of government in delivering and achieving its goals.

The course aims to contribute to FASTER's objectives regarding improving research skills and knowledge in adaptation to climate change, terrestrial ecology and water resources management and innovative governance of INRGREF and associated institutions. More specifically, the sessions will introduce participants to Water Management Policy analysis including assessment and approaches. The sessions will be highly interactive in order to encourage participants to share their knowledge and debate and it will include some specific tasks to be further developed by participants.

Friday 6th November 2020	
11:00-11:30	Water Management Policy analysis
11:30-12:00	Facilitated debate / Practical exercises
12:00-12:30	Explanation of tasks to do & Wrap up

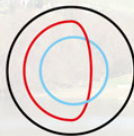


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LUND UNIVERSITY
Center for Middle Eastern Studies



VISION
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Institution de la Recherche et de
l'Enseignement Supérieur Agricoles

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