

Third Conference of the Italian Association
of Agricultural and Applied Economics

**FEEDING THE PLANET AND
GREENING THE AGRICULTURE:
CHALLENGES AND OPPORTUNITY
FOR THE BIO-ECONOMY**

June
25th - 27th
2014

Porto Conte
Ricerche,
Alghero (SS)

General Programme

Pre-Conference Background

Desertification, land degradation, drought are reported to be increasing in many part of world, affecting agricultural productivity and the ecosystems ability to provide services. Also the global perception of natural resource degradation has increased because of climate change and rising food and energy prices.

Although climate change has attracted attention and investments, policy actions have not been enough to effectively prevent desertification or mitigate land degradation and drought. One reason for inadequate action by policymakers may be the limited knowledge of the costs of global land degradation and its underlying causes.

The pre-conference session will try to shed light on the economic and biological implications of desertification, land degradation and drought in an attempt to analyse underlying causes and discuss possible strategies for taking action to prevent and mitigate land degradation.

Wednesday – June 25th, 2014
Chioistro di San Francesco, Via A. Machin 2, Alghero (SS)

15:00
16:00

Registration and welcome coffee

Pre-conference session:

**DESERTIFICATION AND ITS RELATIONS TO
CLIMATE, ENVIRONMENT AND AGRICULTURE**

Congress Hall

Chair: Joseph Cooper (*USDA– ERS, Washington D.C.*)

16:00
18:30

**Scientific concept for an integrated analysis of
desertification**

NORBERT JUNGERS

(*Biocenter Klein Flottbek and Botanical Garden, University of Hamburg*)

**Combining modeling and stakeholder involvement to build
community adaptive responses to climate change**

PIER PAOLO ROGGERO

(*Desertification Research Center, University of Sassari*)

**Land degradation through the lens of climate change
adaptation and mitigation: new impetus for dealing with an
old problem?**

LESLIE LIPPER

(*ESA Division, FAO, Rome*)

Conclusions: Giuseppe Enne (*President NRD Scientific
Committee, University of Sassari*)

Conference Background

Growing demand for food, feed and fuel as well as concerns about environmental degradation, climate change, food security and food safety have brought back agriculture, food and nutrition issues at the top of policy agenda. Recent years have been featuring increased price and yield volatility and any sort of risks (from environmental to economic, political and institutional) that have been jeopardizing the livelihood and threatening the well-being of hundreds of millions of people.

This calls for effective strategies of risk management that will make individuals, household, communities, and states more resilient. The bio-economy can play a key role in pursuing this objective. Indeed, a sustainable bio-economy could satisfy food security and energy needs while ensuring a sustainable use of resources, biodiversity and environmental protection. Innovations in the non-food bio-industries are also gaining momentum to accommodate the above-mentioned changes.

The Third AIEAA Conference aims at addressing the gap in the knowledge base needed to understand the changes in interactions between the economy, society and the environment and at identifying policies, methods and tools to efficiently tackle the above-mentioned challenges.

Thursday - June 26th, 2014
Porto Conte Ricerche, Tramariglio-Alghero (SS)

8:00

9:00

9.00

9.15

Registration

Opening and welcome addresses

Plenary session 1

Auditorium > Main Building

Chair: Margherita Scoppola (University of Macerata)

09:15

11:00

Biotechnologies and food production

JUSTUS WESSELER (*Wageningen University*)

Discussant: Giancarlo Moschini (*Iowa State University, Ames*)

**The European agricultural and agro-environmental
policies: economic methods for impact assessment**

PAOLO SCKOKAI (*Catholic University, Piacenza*)

Discussant: Michele Donati (*University of Parma*)

11:00

11:30

Coffee break

11:30

13:00

Contributed and organized sessions 1

13:00

14:00

Lunch

Thursday – June 26th, 2014
Porto Conte Ricerche, Tramariglio-Alghero (SS)

14.00
15.30

Contributed and organized sessions 2

15:30
16.00

Coffee break

16.00
17.00
17.00
19.00

Poster session

AIEAA General Assembly

20:30

Social Dinner

Friday – June 27th, 2014
Porto Conte Ricerche, Tramariglio-Alghero (SS)

Plenary Session 2

Auditorium > Main Building

Chair: Annalisa Zezza (INEA)

09.00
10:45

How to feed the world in 2050? Challenges for production, resources and malnutrition

JOSEF SCHMIDHUBER (*ESS Department, FAO, Rome*)
Discussant: Maria Sassi (*University of Pavia*)

Climate change and bio-economy implications

FRANCESCO BOSELLO (*University of Milan*)
Discussant: Gabriele Dono (*University of Tuscia, Viterbo*)

10.45

11.15

11.15

12.45

Coffee break

Contributed and Organized Sessions 3

12:45

13:30

Conclusions by Programme Committee and AIEAA President

13.30

14.15

Lunch