



TriNex
Knowledge-Triangle Platform
for the Water-Energy-Food Nexus



Tempus

TriNex

(Knowledge-Triangle Platform for the Water-Energy-Food Nexus)

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WP 3 – Knowledge Triangle Platform for Water-Energy-Food Nexus
Activity 3.3 – Module 2

WP3 Training Program, Montpellier SupAgro

Module 2 : FOOD IN THE WATER-ENERGY-FOOD NEXUS

11-22 July

Institut des régions chaudes (IRC) – 1101, avenue Agropolis – Montpellier

Room n° 1.44 (groundfloor, on the left)

• **Monday 11th July 2016**

14h00/15h30

Welcoming coffee

Presentation IRC/SupAgro (Sylvie Avallone)

Presentation Agropolis International (Mélanie Broin)

15h30/17h00

Introduction to the training course : Food in the WEF Nexus

(Damien Conaré, UNESCO Chair in World Food Systems, SupAgro)

• **Tuesday 12th July**

14h30/16h30

An introduction to Sustainable Food Systems (Nicolas Bricas &

Damien Conaré, UNESCO Chair in World Food System, CIRAD,

SupAgro)

• **Wednesday 13rd July**

09h30/12h00

A Panorama of water management methods for agriculture & Focus

on the El Gardane dam in Morrocco (Frédéric Rossel, SupAgro)

14h30/19h00

Field visit at agricultural dam and water distribution network in

Gignac (30 kms west of Montpellier, by bus)

• **Thursday 14th July Holiday : Fête nationale**



• **Friday 15th July**

09h15/15h00

Field visit : Le Domaine de l'Oulivie (Olive plantation at Combailaux,

15 kms from Montpellier)

• **Monday 18th July**

- 09h30/12h00 *Laboratory visits :*
- a food processing technology platform (Nawel Achir, SupAgro)
<http://plateforme-technologie-agroalimentaire.cirad.fr>
- a biomass-energy pilot research platform (Jean-Michel Commandré, Cirad)
<http://plateforme-technologie-agroalimentaire.cirad.fr>
- 14h30/16h30 *Lab of ideas on research development*

• **Tuesday 19th July**

- 09h30/12h30 *Lab of ideas on research development*
- 14h00/16h30 *Food & agriculture systems facing resources scarcity: productivity system, re-design, or sufficiency ? (Sébastien Treyer, IDDRI Sciences-Po)*

• **Wednesday 20th July**

Lab of ideas on research development

• **Thursday 21th July**

- 09h30/12h30 *Biomass, Food and Wastes in the Biobased Society (Eric Dubreucq, SupAgro)*
- 14h00/16h30 *A foresight exercise for decision-makers: an example of application about the contribution of aquaculture to the food security in Egypt under climate change (Denis Lacroix, IFREMER)*

• **Friday 22th July**

- 09h30/11h30 *2 Group project presentations + Discussions*
- 11h30/12h30 *Wrap-up/Evaluation of the course (feedback forms)*

RESSOURCES

Institut des régions chaudes is located at the heart of **Agropolis International**, a campus dedicated to research on food, environment and agriculture. See a special dossier referencing the expertise of the Agropolis scientific community on food, nutrition and health :

www.agropolis.org/pdf/ans/Dossier_ANS_Eng.pdf

FAO (2016), Climate change and food security: risks and responses.

www.fao.org/3/a-i5188e.pdf

FAO (2014). The water-energy-food nexus. A new approach in support of food security and sustainable agriculture.

www.fao.org/nr/water/docs/FAO_nexus_concept.pdf

Y. Chuang et al. (2016). Quantifying the Water-Energy-Food Nexus: Current Status and Trends. *Energies* 2016, 9, 65; doi:10.3390/en9020065

SEI (2011). Understanding the nexus. Background paper for the Bonn 2011 nexus conference.

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