

Organized by



NATIONAL AND
KAPODISTRIAN
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GREECE



Agriculture - Environment - Life Sciences

AMERICAN FARM SCHOOL
THESSALONIKI - GREECE



4th **International Summer School** on Circular **Bio-economy** and **Sustainable Development**

OPEN REGISTRATION & PROGRAM



5-9 SEPTEMBER 2022

HYBRID (Live & Restricted Web Access)



TO BE HELD AT
AMERICAN FARM SCHOOL
THESSALONIKI - GREECE



FREE ONLINE
REGISTRATION
(via email)



INTERNATIONAL
HELLENIC
UNIVERSITY



EUROPE DIRECT
Central Macedonia,
Perrotis College





OBJECTIVES AND AIMS

With the global focus on Circular Bioeconomy, the key players are the new generation of experts and managers who possess a broad educational background and can cover the entire spectrum of this multidisciplinary and cross-sectoral field. Within this framework, we would like to invite students and young scientists to participate in the 4th Summer School to be organized Live at Perrotis College (American Farm School), Thessaloniki, from 5 to 9 September 2022.



EXPECTED OUTCOMES

- Familiarization of students with current trends in Bioeconomy
- Increased interest in the particular Balkan region
- Introduction of new aspects and perspectives in sustainability and development
- Hands-on Student involvement



REGISTRATION FEE

Regular Fee: 250€

Limited Number of Fellowships upon application

The fee includes expenses for **Summer School** participation, coffee breaks, light lunch, dinner in Thessaloniki Center (Monday 5th), and the grill party (Friday 9th).

Web attendance is free of charge. Register via email at perouli.anastasia10@gmail.com & cvorgias@biol.uoa.gr. (email subject ISSCBS2022)

Certificate of attendance only for the students who are present and upon request.

ACCOMMODATION

At the American Farm School Campus, there are 14 apartments with 2 individual double rooms. The price is 35€/person/day including breakfast. The reservation will be based on priority registration. For reservation please contact Mr. Pantelis Hantzaras (phantz@afs.edu.gr) and please inform the organizers Anastasia Perouli (perouli.anastasia10@gmail.com) (email subject ISSCBS2022) and Konstantinos Vorgias (cvorgias@biol.uoa.gr).

Metropolitan Hotel: The American Farm School Campus is close to the airport and the city center and approachable by taxi or bus. For participants that wish to stay in the city center, the organizers have secured special prices at the Metropolitan Hotel (roikonomou@metropolitan.gr) (single room + breakfast 70€ + 3€ taxes, and double room + breakfast 78€+3€ taxes).

Other: There are plenty of Airbnb options and hotels in the city center to explore independently.



NUMBER OF PARTICIPANTS

Up to 60, preferably graduates and at relevant Master's and above level from the entire European Continent. A number of Secondary School Teachers, as multipliers, will be considered. Applicants will be selected based on the submission of a short CV.

Participants are encouraged to make travel and accommodation arrangements as early as possible to minimize the cost.

INVITED SPEAKERS

A number of prominent speakers, as well as young researchers and entrepreneurs with experience in the field, will be presenting the current state of knowledge and applications of Circular Bioeconomy.

Please send your registration application to obtain the payment information and registration information at cvorgias@biol.uoa.gr and perouli.anastasia10@gmail.com (Email subject ISSCBS2022).

On behalf of the organizers:

The Chairman, Prof. Dr.
Konstantinos Vorgias

PROGRAM

DAY 1: MONDAY 5 SEPTEMBER 2022

TIME	SUBJECT	SPEAKER
10:00-10:10	OPENING REMARKS	WELLCOME FROM THE ORGANIZATION BODIES
10:10-10:20	WHY WE SHOULD CARE ABOUT CIRCULAR BIOECONOMY	KONSTANTINOS VORGIAS, NKUA ATHENS, GREECE
10:20-11:00	KEY STEPS ON THE WAY TO THE CIRCULAR BIOECONOMY	MANFRED KIRCHER. GERMANY
11:00-11:30	COFFEE BREAK	
11:30-12:30	RECENT DEVELOPMENTS OF THE BIOECONOMY ON AND OUTSIDE EUROPE- PERSPECTIVES AND OUTLOOK FOR REGIONS	CHRISTIAN PATTERMAN EMER. EU DIRECTOR IN BIOECONOMY, GERMANY
12:30-13:00	BIOECONOMY IN THE CENTRAL AND EASTERN EUROPEAN COUNTRIES	BARNA KOCACS, HUNGARY
13:00-14:00	LIGHT LUNCH BREAK	
14:00-14:30	CIRCULAR BIOECONOMY: GREEN RECOVERY AND RESILIENCE. THE ITALIAN CASE	MARIO BONACCORSO, ITALY
14:30-15:00	EDUCATION ON SUSTAINABLE ENTREPRENEURSHIP	GEORGE SAKELLARIS, CZECH REPUBLIC, GREECE
15:00-15:30	THE ECOLOGICAL TRANSITION AND THE CHEMICAL INDUSTRY	MARTINO DI SERIO, ITALY
15:30-16:00	COFFEE BREAK	
16:00-16:30	CIRCULAR BIOECONOMY: FROM RESEARCH TO BUSINESS	GIOVANNI SANNIA, ITALY
16:30-17:00	HOW TO RAISE AWARENESS AND COMMUNICATE THE BIOECONOMY	SUSSANA ALBERTINI, ITALY
17:00	SET UP OF STUDENTS PRESENTATIONS	CHRISTOS VASILIKIOTIS KIKI ZINOVIADOU, GREECE

DAY 2: TUESDAY 6 SEPTEMBER 2022

TIME	SUBJECT	SPEAKER
10:00-10:30	NUTRIENT CYCLING AND CARBON SEQUESTRATION FOR A CIRCULAR AGRICULTURE	CHRISTOS VASILIKIOTIS, GREECE
10:30-11:00	ADVANCES IN BIOPOLYMER BASED PACKAGING	KIKI ZINOVIADOU, GREECE
11:00-11:30	COFFEE BREAK	
11:30-12:00	SUSTAINABLE VEGETABLE PRODUCTION USING VERTICAL AND FLOATING HYDROPONICS SYSTEMS IN A CIRCULAR ECONOMY	ATHANASIOS GERTSIS, GREECE
12:00-12:30	MEDITERRANEAN DIET: AN EXAMPLE OF A SUSTAINABLE DIET	TRYFON ADAMIDIS, GREECE
12:30-13:00	PLANT-BASED DIETS FOR SENIOR CONSUMERS: FINDINGS FROM THE EIT FOOD RIS CONSUMER ENGAGEMENT LABS IN GREECE	KOSTAS ROTSIOS, GREECE
13:00-13:30	VALORIZATION OF FRUITY WASTED FOR CIRCULAR BIOECONOMY	GEORGE FYTIANOS, GREECE
13:30-14:00	LIGHT LUNCH BREAK	
14:00	VISIT AFS	

DAY 3: WEDNESDAY 7 SEPTEMBER 2022

TIME	SUBJECT	SPEAKER
10:00-10:30	CIRCULAR (BIO)-ECONOMY IN PRACTICE: THE CASE OF WESTERN MACEDONIA, GREECE	GEORGE MARTINIDIS AND YIANNIS FALLAS, GREECE
10:30-11:00	ENERGY COMMUNITY OF KARDITSA - AN INNOVATIVE ECOSYSTEM OF LOCAL ACTORS IN THE CONTEXT OF BIOECONOMY AND CIRCULAR ECONOMY	VASILEIOS FILIPPOU, GREECE
11:00-11:30	COFFEE BREAK	
11:30-12:00	MASTER PROGRAM OF IHU. BIOECONOMY AND LAW	NIKOS MONOKROUSOS, GREECE
12:00-12:30	COP PRESENTATION	INGAR JANZIK, GERMANY SIMON HAN VAN OSCH, HOLLAND SIMON HEATH, UK
12:30-13:00	TOWARDS CIRCULARITY IN EUROPEAN AQUACULTURE	ELISABETE MATOS, PORTUGAL
13:00-14:00	LIGHT LUNCH BREAK	
14:00-14:30	PLASTICS IN A CIRCULAR BIOECONOMY	ELECTRA PAPADOPOULOU, GREECE
14:30-15:00	BIOECONOMY AND REGIONAL DEVELOPMENT	IAKOVOS DELIOGLANNIS, GREECE
15:00-15:30	FROM LINEAR ECONOMY TO CIRCULAR BIOECONOMY (PRODUCTION OF ORGANIC ACIDS)	DANILLO PORRO, ITALY
15:30-16:00	SUSTAINABLE SOLUTIONS FOR INDUSTRY AND DISTRIBUTION	ANTHIS LIVE, GREECE
16:00-16:30	COFFEE BREAK	
16:30-17:30	SPECIAL SESSION FOR EUROPE DIRECT	

DAY 4: THURSDAY 8 SEPTEMBER 2022

TIME	SUBJECT	SPEAKER
10:00-14:00	VISIT WINERY OR FREE MORNING	
14:00-15:00	LIGHT LUNCH BREAK	
15:00-15:30	THE POLITICS OF RENEWABLE RESOURCE USE: EFFICIENCY, SUFFICIENCY, OR SUSTAINABLE GROWTH?	NORA HAMPL, AUSTRIA
15:30-16:00	HEALTH AND THE CIRCULAR BIOECONOMY	FARAH HUZAIR, UK KAI LIBBY, UK
16:00-16:30	CIRCULAR BIOECONOMY STRATEGIES IN BIO-BASED AND BIODEGRADABLE PLASTICS: A BUSINESS PERSPECTIVE	ELEONORA FOSCHI, ITALY
16:30-17:00	TOWARDS FOOD SECURITY AND RESILIENCE WHILE MITIGATING RISKS TO SUSTAINABILITY	MARKUS DETTENHOFER, CZECH REPUBLIC

DAY 5: FRIDAY 9 SEPTEMBER 2022

TIME	SUBJECT	SPEAKER
10:00-10:30	LIGNIN, A RISING STAR IN THE CIRCULAR BIOECONOMY	LUDO DIELS, BELGIUM
10:30-11:00	KLIMIS: INNOVATIVE CIRCULAR CONVERSION PATHWAY OF OLIVE RESIDUES TOWARDS NEW VALUE PROPOSITIONS	NASOS MAKIOS, GREECE
11:00-11:30	SUSTAINABLE BIOTECH PRODUCTION OF BIOBASED SURFACTANTS	LIGIA RODRIGUES, PORTUGAL
11:30-13:00	LIGHT LUNCH BREAK	
13:00-13:30	CREATING ROBUST BIOMASS SUPPLY CHAINS: A CRITICAL COMPONENT OF MODERN BIOECONOMY	NIKOS DAMATIS, GREECE
13:30-15:00	STUDENTS PRESENTATIONS	
15:00	CLOSING REMARKS	