



Erasmus+ Programme – Strategic Partnership

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# International Training Environmental Learning Innovation for More Knowledge and Better Jobs EnvYJobs Live Labs SCHEDULE Bucharest, Romania 04.12.2017 – 15.12.2017

## HOSTING INSTITUTION:



**University POLITEHNICA of Bucharest**

Splaiul Independentei nr. 313, sector 6, RO-60042, Bucharest, Romania



## MEETING LOCATION:

University POLITEHNICA of Bucharest

Faculty of Power Engineering

Department of Hydraulics, Hydraulic Machinery and Environmental Engineering

Laboratory of Multipase Flow. Water and Wastewater Treatment

ELa building, groundfloor, Ela 024

## CONTACT PERSONS:

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<b>Sunday, 03<sup>rd</sup> of December, 2017</b>		
<b>ARRIVAL, UPB Campus, building P19, Splaiul Independentei, nr.290, district 6</b>		
<b>Monday, 04<sup>th</sup> of December, 2017</b>		
<b>Breakfast (own arrangement)</b>		
<b>9:30 - 10:00</b>	<b>Participants registration</b>	<b>Faculty of Power Engineering Room ELa 024</b>
<b>10:00-12:00</b>	<b>Opening session Organizational issues</b>	<b>Prof. PhD. Diana ROBESCU Lecturer, PhD.Eng. Diana COCÂRȚĂ As.PhD.Eng. Crina BONCESCU PhD. Eng. Constantin STRECHE Room ELa 024</b>
<b>12:00 – 14:00</b>	<b>Lunch (own arrangement)</b>	
<b>14:00- 17:00</b>	<b>Lecture and demonstration work "Determination of Total Petroleum Hydrocarbons Content in Soil by Soxhlet Extraction-Gravimetric Analysis"</b>	<b>Lecturer, PhD.Eng. Diana COCÂRȚĂ CAMPUS building, Room 502</b>
<b>17:00 -18:00</b>	<b>Visit university Research Centre for Advanced Materials, Products and Processes -CAMPUS</b>	<b>CAMPUS building</b>
<b>Dinner, free time (own arrangement)</b>		
<b>Tuesday, 5<sup>th</sup> of December, 2017</b>		
<b>Breakfast (own arrangement)</b>		
<b>10:00 - 12:00</b>	<b>Lecture "Measurement method High Volume Air Sampler (HVS) used in order to quantify the suspended particles from ambient air: TSP, PM 10, PM2.5" Laboratory work „ TSP ambient air sampling inside the university campus, near a main street"</b>	<b>Lecturer, PhD.Eng. Diana COCÂRȚĂ CAMPUS building, Room 502</b>
<b>12:00 – 14:00</b>	<b>Lunch (own arrangement)</b>	
<b>14:00 – 18:00</b>	<b>Lecture and laboratory works "Introduction to BIOWIN; Developing models in BIOWIN"</b>	<b>As. Ph.D. Eng. Corina BONCESCU Room ELa 024</b>
<b>Dinner, free time (own arrangement)</b>		



**Wednesday, 6<sup>th</sup> of December, 2017**

**Breakfast (own arrangement)**

**7:00 – 21:00 – trip to Constanta**  
**Technical visit and meeting with stakeholders**  
**Water Company - SC RAJA Constanta SA**  
**Lecture „Water, sludge and energy management”**  
**(technical visits: Motorola Centre of Excellence - SCADA systems training centre for water company; Wastewater Treatment Plant Eforie Sud; Drinking water pumping station „Calarasi”)**

**Thursday, 7<sup>th</sup> of December, 2017**

**Breakfast (own arrangement)**

<b>10:00 – 11:00</b>	<b>Laboratory work „PM2.5 ambient air sampling inside the university campus, near a main street”</b>	<b>Lecturer, PhD.Eng. Diana COCĂRȚĂ, UPB (at the UPB entrance from students campus)</b>
<b>11:00-13:00</b>	<b>Lecture “Wastewater treatment processes simulation – study cases” Laboratory work “Experiments on laboratory models for wastewater treatment equipment”</b>	<b>Prof. PhD. Diana ROBESCU As. Ph.D. Eng. Corina BONCESCU Room ELa 024</b>
<b>13:00 – 15:00</b>	<b>Lunch (own arrangement)</b>	
<b>15:00 – 18:00</b>	<b>Lecture and laboratory works “Developing models in BIOWIN”</b>	<b>As. Ph.D. Eng. Corina BONCESCU Room ELa 024</b>

**Dinner, free time (own arrangement)**

**Friday, 8<sup>th</sup> of December, 2017**

**Breakfast (own arrangement)**

<b>10:00 – 12:00</b>	<b>Laboratory work “Using ArcGIS for building maps”</b>	<b>Lecturer PhD. Marius BONTOS Room ELa 219</b>
<b>12:00 – 13:00</b>	<b>Improving thermal and visual user comfort in very low energy buildings</b>	<b>As.Ph.D.Eng. Mihail CĂRUȚAȘIU, UPB Passive House Laboratory UPB</b>
<b>13:00 – 15:00</b>	<b>Lunch (own arrangement)</b>	
<b>15:00 – 18:00</b>	<b>Project work</b>	<b>Room ELa 024</b>

**Dinner, free time (own arrangement)**



Saturday, 9 <sup>th</sup> of December, 2017; Sunday, 10 <sup>th</sup> of December, 2017, <b>Free days</b>		
Monday, 11 <sup>th</sup> of December, 2017		
Breakfast (own arrangement)		
9:00-10:00	Transport to Mogosoia	
10:00 - 13:00	Technical visit and meeting with stakeholders at Green MOGO <i>Lecture "Green leadership and eco-design"</i>	Felicia IENCULESCU – POPOVICI Greeinitiative Association
13:00 – 14:00	Return to UPB	
14:00-15:00	Lunch (own arrangement)	
15:00 – 18:00	Lecture „ <i>Drinking water distribution network modeling– Romanian study cases</i> ”	Prof. PhD. Eng. Carmen GEORGESCU
Dinner, free time (own arrangement)		
Tuesday, 12 <sup>th</sup> of December, 2017		
Breakfast (own arrangement)		
10:00 - 12:00	Lecture „ <i>Lifting pumping stations</i> ”	Prof.PhD.Eng. Maurizio Righetti, University of Trento Room Ela 024
12:00 – 14:00	Lunch (own arrangement)	
14:00 – 18:00	Lecture and laboratory works <i>„Experiments on pumping stations laboratory models”</i>	Prof.PhD. Carmen GEORGESCU Prof.PhD. Diana Robescu Room ELa 022
Dinner, free time (own arrangement)		
Wednesday, 13 <sup>th</sup> of December, 2017		
Breakfast (own arrangement)		
9:00 - 10:00	Transport to Thermal Power Plant Bucharest West	
10:00 - 12:00	Technical visit and meeting with stakeholders Thermal Power Plant Bucharest West <i>Lecture " Water treatment processes"</i>	
12:00 - 13:00	Return to UPB	
13:00 – 15:00	<b>Lunch together (arranged by UPB)</b>	
15:00 – 18:00	Project work	Room ELa 024



Thursday, 14 <sup>th</sup> of December, 2017		
<b>Breakfast (own arrangement)</b>		
10:00 - 11:30	Lecture „ <i>Matching skills with labor market demands</i> ”	Ph.D. Silvia VLĂȘCEANU Vice-President of Employers’ Confederation CONCORDIA and General Director of Federation of Associations of Energy Utility Companies Room ELa 024
11:30 – 13:00	Lecture and laboratory demonstration „ <i>Influence of electromagnetic field on environment</i> ”	Assoc. Prof. Marian COSTEA High Voltage Engineering Laboratory, UPB
13:00 – 15:00	Lunch(own arrangement)	
15:00 – 18:00	Lecture and laboratory work „ <i>Hydrological Applications in GIS</i> ”	Prof. PhD. Eng. Konstantinos Papatheodorou, Technological Educational Institute of Central Macedonia, Greece Room ELa 024
<b>Dinner, free time (own arrangement)</b>		
Friday, 15 <sup>th</sup> of December, 2017		
<b>Breakfast (own arrangement)</b>		
10:00 - 12:00	Students teams presentations and evaluation	Room ELa 024
12:00 – 14:00	Lunch (own arrangement)	
12:00 – 16:00	Students teams presentations and evaluation	Room ELa 024
16:00 – 18:00	Closing ceremony	Room ELa 024
<b>Dinner, free time (own arrangement)</b>		
Saturday, 16 <sup>th</sup> of December, 2017		
DEPARTURE		