



Common borders. Common solutions.

## Copernicus Assisted Environmental Monitoring Across the Black Sea Basin - PONTOS

### SECOND SET OF TRAINING SESSIONS ON EARTH OBSERVATION AND ENVIRONMENTAL MONITORING FOR YOUNG SCIENTISTS AND PRACTITIONERS

#### Agenda

#### Day 1 - Classroom work

October 10, 2022

Venue: Opera Suite Hotel, Baghramyan 1, Yerevan

Topic	Presenter	Time
<b>Participants' registration and coffee break - 10:30 - 11:00</b>		
Welcome remarks	Aghavni Harutyunyan, PONTOS Project Manager, American University of Armenia (AUA), Acopian Center for the Environment	11:00 - 11:10
Introduction to the project team and participants (participants will introduce themselves)		
General introduction to the PONTOS project and its services	Haykanush Martirosyan, American University of Armenia (AUA), Acopian Center for the Environment	11:10 - 11:20
Introduction to the training agenda, goals, expected results, etc.		
<b>Earth Observations for water quality studies</b>		
Earth Observations and its potential for water quality studies. general overview	Artak Piloyan, PONTOS Researcher, American University of Armenia (AUA)	11:20 - 12:50
Presentation of examples related to the PONTOS project		
Practical work		
Q & A session	All participants	12:50 - 13:00
<b>Break - 13:00 - 14:00 (Lunch and coffee)</b>		
Earth Observations and its potential for eutrophication studies. general overview	Garabet Kazanjian, PONTOS Researcher, American University of	14:00 - 15:50



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Armenia (AUA)

Presentation of examples related to the PONTOS project

Practical work

Q & A session

All participants

15:50 - 16:00

Summing up



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#### Day 2 - Classroom work

October 11, 2022

Venue: Opera Suite Hotel, Baghramyan 1, Yerevan

Topic	Presenter	Time
<b>Participants' registration and coffee break - 9:30 - 10:00</b>		
Welcome remarks	Aghavni Harutyunyan, PONTOS Project Manager, American University of Armenia (AUA), Acopian Center for the Environment	10:00 - 10:10
Introduction to the project team and participants (participants will introduce themselves)		
General introduction to the PONTOS project and its services	Haykanush Martirosyan, American University of Armenia (AUA), Acopian Center for the Environment	10:10 - 10:20
Introduction to the training agenda, goals, expected results, etc.		
<b>PONTOS Platform</b>		
PONTOS Platform components: PONTOS Data Cube, PONTOS Web Application & PONTOS WebGIS	Eleftherios Katsikis, Ioannis Manakos Centre for Research and Technology Hellas, Greece	10:20 - 11:15
Tutorial about water extent monitoring (background knowledge)	Eleftherios Katsikis, Ioannis Manakos Centre for Research and Technology Hellas, Greece	11:15 - 12:15
<b>Earth Observations: Forest cover monitoring: water balance ... assessment</b>		
Earth Observations and its potential for the assessment of water balance, water productivity, and water stress indices: general overview and practical work	Alexander Arakelyan, PONTOS Researcher, American University of Armenia (AUA)	12:15 - 13:00
Presentation of examples related to the PONTOS project		



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**Lunch break - 13:00 - 14:00**

Practical work

Alexander Arakelyan,  
PONTOS Researcher, American University of  
Armenia (AUA)

14:00 - 15:00

**Coffee break - 15:00 - 15:15**

Earth Observations and its potential for the  
assessment of forest cover changes and its impact  
on the environment

Yeva Danielyan,  
PONTOS Researcher, American University of  
Armenia (AUA)

15:15 - 16:50

Presentation of examples related to the PONTOS  
project

Practical work

**Summing up**



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### SECOND SET OF TRAINING SESSIONS ON EARTH OBSERVATION AND ENVIRONMENTAL MONITORING FOR YOUNG SCIENTISTS AND PRACTITIONERS

Day 3 - Field work  
Oct 14, 2022

Topic	Presenter	Time
<b>Departure from Yerevan:</b> Front area of the Main Building, American University of Armenia, 40 Marshal Baghramyan Ave. Yerevan 0019, Republic of Armenia		09:00
	<b>Chkalovka, coffee break 10:30</b>	
<b>Hayrivanq - study of aquatic vegetation</b> (using a drone if possible)	Artak Piloyan, PONTOS Researcher, American University of Armenia (AUA)	11:30
<b>Noratus - study of solid waste and wastewater problem</b>	Alexander Arakelyan, PONTOS Researcher, American University of Armenia (AUA)	12:30
<b>Visit to the forest area</b>	Yeva Danielyan, PONTOS Researcher, American University of Armenia (AUA)  Mikayel Santrosyan, PONTOS Researcher, Environmental Protection and Mining Inspection Body (EPMIB) of the Republic of Armenia	
<b>Lichq - visit to the wetlands and fish farm site</b>	Garabet Kazanjian, PONTOS Researcher, American University of Armenia (AUA)  Karen Harutyunyan, PONTOS Researcher, Environmental Protection and Mining Inspection Body (EPMIB) of the Republic of Armenia	
<b>Visit to Martuni river</b>	Alexander Arakelyan, PONTOS Researcher, American University of Armenia (AUA)	
	<b>Chkalovka, Lunch and coffee break, 15:00</b>	
Return to Yerevan		16:00