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# Certificate

This is to certify that

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from the  
Sumy National Agrarian University (Ukraine)

participated in the training at  
University of Dubrovnik (Croatia)

within the framework of the  
**AFISHE**

**“Development of Aquaculture and Fisheries Education for Green Deal in Armenia and Ukraine: from education to ecology”**  
Erasmus+ CBHE project on 26.02.2024 – 08.03.2024.  
The training is 90 hours and 3 credits.

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# Topics of the training

## Fisheries Technology and Evaluation of Fisheries Resources

### **THEORETICAL TOPICS**

- 1) INTRODUCTION**
  - a) Status of world fisheries
  - b) The fishery problems
  - c) Literature
  - d) Internet and other teaching materials
- 2) THE STATUS OF MARINE FISHERY RESOURCES**
  - a) Status of resources
  - b) Status and trends by major species
  - c) Status and trends by fishing area
- 3) DEVELOPMENT OF FISHING GEAR AND METHODS**
- 4) SELECTIVITY AND CATCH EFFICIENCY**
  - a) Discard management - Case Studies
  - b) Bycatch management - Case Studies
- 5) FISHERIES IMPACT ON THE ECOSYSTEM**
- 6) OVERFISHING**
  - a) Introduction
  - b) Management
  - c) Case study
- 7) POLLUTION DAMAGES TO COMMERCIAL FISHERIES**
  - a) Introduction
  - b) Assessing the economic effects
  - c) Case study
- 8) FISHERIES STOCK ASSESSMENT**
  - a) Introduction
  - b) Population dynamics models
- c) Applying stock assessment Models to data**
- 9) Improving fisheries management**
  - a) Objectives and targets
  - b) Better governance and policy reform
  - c) Better management and production
- 10) Fisheries adaptations to climate change**
  - a) Mainstreaming climate change into fisheries management
  - b) Developing and implementing transformative adaptation plans

### **PRACTICAL CLASSES AND ACTIVITIES:**

- Visualization and comments of internet resources
- Visits to local fish market