



# Conference. Water. Life Support

March 27<sup>th</sup>, 2026

## CONFERENCE PROGRAM

**10.00 Opening** – Prof. Dr. **Dumitru MILITARU**, Vice President of ASAS and President of the Veterinary Medicine Section.

**10.05 Opening** – Prof. Dr. Eng. **Petru NICULIȚĂ**, President of the Food Industry Section of ASAS.

**10.10 Opening from ICDEAPA Galați** – Associate Prof. Dr. Eng. **Floriceș Maricel DIMA**, General Manager.

### **10.30 WATER CONSUMPTION IN ROMANIAN AGRICULTURE. CASE STUDY FOR SUSTAINABLE APPROACHES IN VITICULTURE AND AQUACULTURE**

**Mihai VINTILĂ<sup>1</sup>, Mihai TUDOR <sup>\*2</sup>, Ionela-Daniela FERȚU<sup>3</sup>**

<sup>1</sup>Institute of Research and Development for Aquatic Ecology, Fishing and Aquaculture, Portului Street no 54, 800201, Galați, Romania.

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<sup>3</sup>Department of Pharmaceutical Sciences, Faculty of Medicine and Pharmacy, “Dunarea de Jos” University of Galați, 35 Al. I. Cuza Street, 800002 Galați, Romania.

### **10.45 INFLUENCE OF FLEXIBLE SUBMERGED VEGETATION ON POLLUTANT TRANSPORT IN FREE-SURFACE FLOW UNDER CONTINUOUS INJECTION**

**Saber HAMMAMI\* <sup>1</sup>, Hela ROMDHANE<sup>1</sup> Amel SOUALMIA\*<sup>1</sup>**

<sup>1</sup> National Institute of Agronomy of Tunisia, Green Team Laboratory, University of Carthage, 43 Avenue Charles Nicolle, 1082 Tunis, Tunisia.

### **11.00 OXIDATIVE STRESS AS AN INDICATOR OF ENVIRONMENTAL POLLUTION IN AQUATIC ECOSYSTEMS**

**Anu CHAUDHARY\*<sup>1</sup>, Abhinav SINGH<sup>2</sup>**

<sup>1</sup>Research scholar, Department of Zoology, Acharya Narendra Dev Kisan Post graduate College Babhnan Gonda, Uttar Pradesh, India.

<sup>2</sup>Assistant professor, Department of zoology, Acharya Narendra Dev Kisan Post graduate College Babhnan Gonda, Uttar Pradesh India.

### **11.15 EXTREME FLOOD DYNAMICS AND VULNERABILITY OF SEMI-ARID PLAINS: 2D HYDRODYNAMIC MODELING IN THE MEDJERDA BASIN**

**Mohamed Bayrem HORMIA <sup>\*1</sup>, Saber HAMMAMI<sup>1</sup>, Slim Housseem TALBI<sup>1</sup>, Amel SOUALMIA<sup>1</sup>**

<sup>1</sup>National Institute of Agronomy of Tunisia, Green Team Laboratory, University of Carthage, 43 Avenue Charles Nicolle, 1082 Tunis, Tunisia.

### **11.30 CLEAN FERTILIZERS A STRATEGY IN GROUND WATER PROTECTION**

**Alexandre MOUREAU<sup>1</sup>, Mihai TUDOR <sup>\*2</sup>, Ionela-Daniela FERTU<sup>3</sup>**

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### **11.45 MONITORING ENVIRONMENTAL CONDITIONS AS A TOOL FOR THE CONSERVATION OF FISH GENETIC RESOURCES AT THE NUCET FISH FARMING RESEARCH AND DEVELOPMENT STATION**

**Marinela GANCEA<sup>1\*</sup>, Mariana Cristina ARCADE<sup>1</sup>, Mioara COSTACHE<sup>1</sup>, Silvia RADU<sup>1</sup>, Nicoleta Georgeta DOBROTA<sup>1</sup>, Alin Constantin BARBU<sup>1</sup>**

<sup>1</sup>Nucet Fish Farming Research and Development Station, Romania.

### **12.00 ON THE INVASION OF SILVER CARP *HYPOPHTHALMICHTHYS MOLITRIX* (VALENCIENNES, 1844) IN THE PRUT RIVER (WITHIN THE TERRITORIAL LIMITS OF THE REPUBLIC OF MOLDOVA)**

**Dumitru BULAT<sup>1\*</sup>, Denis BULAT<sup>1</sup>, Nina FULGA<sup>1</sup>**

<sup>1</sup>State University of Moldova, Institute of Zoology, Chişinău, Republic of Moldova.

### **12.15 THE DIVERSITY OF PARASITE FAUNA AND CHARACTERISTICS OF ICHTHYOPARASITOCENOSES IN FISH FROM FISH FARMING PONDS OF THE REPUBLIC OF MOLDOVA**

**Anastasia LUNGU-BUCŞAN<sup>1\*</sup>, Mariana CARAMAN<sup>1</sup>, Aureliu CEBANU<sup>1</sup>, Alexandru MOŞU<sup>1</sup>**

<sup>1</sup> National Institute of Applied Research In Agriculture and Veterinary Medicine, Chişinău, Republic of Moldova.

### **12.30 BODY CONDITION DYNAMICS OF PONTIC SHAD (*ALOSA IMMACULATA*, BENNETT, 1835) DURING SPAWNING MIGRATION IN THE LOWER DANUBE (RIVER KM 133 – 197), 2020–2025**

**Cristian Mihael LEONOV<sup>1</sup>, Angelica DOBRE<sup>1,2\*</sup>, Maria Desimira STROE<sup>2</sup>, Gabriel ION<sup>2</sup>, Danut MIREA<sup>2</sup>, Carmen Georgeta NICOLAE<sup>1</sup>**

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<sup>2</sup>Research and Development Institute for Aquatic Ecology, Fishing and Aquaculture, 54 Portului Street, Galați, Romania.

### **12.45 THE ROLE OF WATER IN MODULATING FUNCTIONAL MECHANISMS UNDERLYING ALGAL ECOPHYSIOLOGY**

**Catalina Gabriela GHEORGHE<sup>1\*</sup>, Cristina Maria Dutescu VASILE<sup>2</sup>, Dorin BOMBOS<sup>1</sup>, Raluca Elena DRAGOMIR<sup>2</sup>, Daniela Luminita MOVILEANU<sup>2</sup>**

<sup>1</sup>Chemistry Department, Faculty of Petroleum Refining and Petrochemistry, Petroleum-Gas University of Ploiesti, 39 Bucharest Avenue, 100680 Ploiesti, Romania.

<sup>2</sup>Petroleum Refining Engineering and Environmental Protection Department, Faculty of Petroleum Refining and Petrochemistry, Petroleum-Gas University of Ploiesti, 39 Bucharest Avenue, 100680 Ploiesti, Romania.

### **13.00 OPTIMIZATION OF WATER SUPPLY SYSTEMS THROUGH QUALITY MONITORING AND LOSS REDUCTION**

**Cristina Dușescu -VASILE<sup>1\*</sup>, Cătălina GHEORGHE<sup>2</sup>, Daniela POPOVICI<sup>2</sup>, Marian BĂJEAN<sup>1</sup>, Ana Maria MANTA<sup>2</sup>, Loredana NEGOIȚĂ<sup>1</sup>**

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<sup>2</sup>Chemistry Department, Petroleum-Gas University of Ploiesti, 39 Bucharest Blvd., 100680 Ploiesti, Romania.

### **13.15 ESTIMATED TOTAL BIOMASS OF HIRUDINEA ACROSS FIVE LAKES OF THE MATITA-MERHEI COMPLEX FROM THE DANUBE RIVER IN 2025**

**Desimira Maria STROE<sup>1</sup>, Angelica DOBRE<sup>1,2</sup>, Gabriel ION<sup>1</sup>, Dănuț Mirea<sup>1</sup>, Liliana ATHANASOPOULOS<sup>1</sup>, Floricel Maricel DIMA<sup>1,3</sup>**

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### **13.30 CLIMATE CHANGE IMPLICATIONS FOR FISHERIES AND AQUACULTURE IN ROMANIA – poster**

**Anca Nicoleta SĂVESCU (CORDELI)<sup>1</sup>, Floricel Maricel DIMA<sup>1,2</sup>, Magdalena TENCIU<sup>1</sup>, Marilena Florentina HURDUC<sup>1</sup>, Adina NISIP<sup>1</sup>, Florin Cristinel HRISTACHE<sup>1</sup>, Ionuț MARCU<sup>1,3</sup>, Ionica BEJENARIU<sup>1</sup>, Angelica DOBRE<sup>1,4</sup>, Mitică ROMAN<sup>1,3</sup>**

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### **13.35 EFFECTS OF DIETARY *ULVA LACTUCA* EXTRACT ON IMMUNOLOGICAL AND OXIDATIVE STRESS PARAMETERS IN *COMMON CARP* EXPOSED TO OXYTETRACYCLINE AND FLORFENICOL TREATMENT - poster**

**Alina Nicoleta MACOVEIU(DOBRE)<sup>1,2</sup>, Floricel Maricel DIMA<sup>2,4</sup>, Maria Desimira STROE<sup>2</sup>, Angelica DOBRE<sup>2,3</sup>, Liliana MIHALCEA<sup>1</sup>, Lorena DEDIU<sup>2</sup>**

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### **13.40 EMPOWERING STUDENTS AS WATER STEWARDS: EDUCATION FOR SUSTAINABLE USE, ECOSYSTEM PROTECTION, AND POLLUTION PREVENTION**

**Biplob Kumer DEB<sup>1</sup>**

<sup>1</sup>Department of Chemistry, Notre Dame College, Dhaka, Bangladesh.

### **13.55 CONCLUSION**

**End of Conference**