

October 10, 2015 (programme)
Senate Conference Hall

ORAL PRESENTATIONS SESSION –

Research methods in aquatic ecology / biodiversity

Chair

Andrea GALOTTI



AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE
SIBIU, ROMANIA, EUROPEAN UNION
2015

10 ⁰⁰ - 10 ¹⁵ ORAL PRESENTATION	<i>Cengiz AKKÖZ</i>	THE DETERMINATION OF SOME POLLUTION PARAMETERS, WATER QUALITY AND HEAVY METAL CONCENTRATIONS OF ACI LAKE (KARAPINAR/KONYA-TÜRKİYE)	
10 ¹⁵ - 10 ³⁰ ORAL PRESENTATION	<i>Surjya Kumar SAIKIA</i>	FOOD AND FEEDING IN FISHES. WHAT WE NEED TO KNOW?	
10 ³⁰ -10 ⁴⁵ ORAL PRESENTATION	<i>Andrea GALOTTI, Francisco JIMÉNEZ-GÓMEZ, Mercedes CONRADI, Emilio SÁNCHEZ-MOYANO, Francisco GUERRERO, Raquel JIMÉNEZ-MELERO and Gema PARRA</i>	FLOW CYTOMETRY AS A USEFUL TOOL TO DETECT ALTERATIONS ON PRIMARY PRODUCERS DUE TO ACIDIFICATION	
10 ⁴⁵ -11 ⁰⁰ ORAL PRESENTATION	<i>Florina-Cristina PRICOP and Lucian PÂRVULESCU</i>	ASSESSING THE CRAYFISH ABILITY TO USE ANAEROBIC METABOLISM UNDER MICROREFUGIA CONDITIONS	
11 ⁰⁰ -11 ¹⁵ ORAL PRESENTATION	<i>Dan CHICEA</i>	PROFILING SUSPENSIONS IN NATURAL WATER BY A SIMPLIFIED DYNAMIC LIGHT SCATTERING PROCEDURE	
11 ¹⁵ -11 ³⁰ ORAL PRESENTATION	<i>Anamaria ROMAN, Tudor-Mihai URSU and Sorina FÂRCAȘ</i>	USING AIRBORNE LIDAR FOR DETECTION AND MORPHOLOGIC ANALYSIS OF WETLANDS OBSCURED BY THE FOREST CANOPY	

11³⁰ - 12⁰⁰

Tea / Coffee break / individual discussions

12⁰⁰ – 14³⁰ POSTER PRESENTATIONS SESSION

**Aquatic biodiversity: assessment, monitoring, conservation and
management**



<p><i>Ioan SÎRBU,</i> <i>Monica SÎRBU,</i> <i>Ana Maria BENEDEK</i> and <i>Lorena POPESCU</i></p>	<p>NAIAD COMMUNITIES (BIVALVIA, UNIONIDAE) FROM THE DANUBE RIVER LOWER BASIN</p>	
<p><i>Anita KISS,</i> <i>Edit ÁGOSTON-SZABÓ,</i> <i>Mária DINKA</i> and <i>Árpád BERCZIK</i></p>	<p>MICROCRUSTACEAN DIVERSITY IN THE GEMENC FLOODPLAIN (DANUBE-DRAVA NATIONAL PARK, HUNGARY): RARE SPECIES AND INVADERS</p>	
<p><i>Manuela Diana SAMARGIU,</i> <i>Gabriela Mihaela</i> <i>PARASCHIV</i> and <i>Daciana SAVA</i></p>	<p>COMPARATIVE DATA REGARDING HARPACTICOIDS FROM THE SHALLOW WATERS OF THE ROMANIAN BLACK SEA COAST IN THE LAST DECADES</p>	
<p><i>Melek İŞİNİBİLİR</i> and <i>Güvercin DOĞAN</i></p>	<p>SEASONAL VARIATION OF ZOOPLANKTON ABUNDANCE AND BIODIVERSITY IN THE ISTANBUL STRAIT (BOSPHORUS), TURKEY</p>	
<p><i>Daniel COCAN,</i> <i>Iulius ROTAR</i> and <i>Vioara MIREȘAN</i></p>	<p>DISTRIBUTION AND CONSERVATION STATUS OF NOBLE CRAYFISH <i>ASTACUS</i> <i>ASTACUS</i>, LINNAEUS 1758 (MALACOSTRACA: ASTACIDAE) FROM THE SOMEȘUL RECE RIVER (TRANSYLVANIA)</p>	
<p><i>Daniela Minodora ILIE</i> and <i>Horea George OLOSUTEAN</i></p>	<p>DATA CONCERNING THE AQUATIC AND SEMIAQUATIC HETEROPTERA (INSECTA: HETEROPTERA) FAUNA OF THE STREI RIVER BASIN (ROMANIA)</p>	
<p><i>F. Saadet KARAKULAK,</i> <i>Mustafa ZENGİN,</i> <i>Taner YILDIZ,</i> <i>Ugur UZER,</i> <i>Murat PEKSU</i> and <i>Ilkay AKPINAR</i></p>	<p>DEMERSAL ASSEMBLAGES ON THE CONTINENTAL SHELF OF THE WESTERN BLACK SEA, TURKEY</p>	
<p><i>Ugur UZER,</i> <i>Taner YILDIZ</i> and <i>Saadet KARAKULAK</i></p>	<p>DEMERSAL FISH ASSEMBLAGES OF THE ISTANBUL STRAIT, TURKEY</p>	
<p><i>Dorel URECHE</i> and <i>Camelia URECHE</i></p>	<p>RESEARCH REGARDING THE STRUCTURE OF FISH COMMUNITIES IN THE UPPER BASIN OF THE RIVER TROTUȘ (ROMANIA)</p>	

<i>Tatiana YAKOVLEVA, Anna KUCHERUK, Antonina MRUK and Igor BUZEVICH</i>	CONSERVATION OF FISH BIODIVERSITY IN INLAND WATERS OF UKRAINE BY ARTIFICIAL STOCKING	
<i>Gina - Oana POPA, Alexandru BURCEA, Iulia - Elena FLORESCU, Angela CURTEAN – BĂNĂDUC, Doru BĂNĂDUC, Andreea DUDU, Sergiu - Emil GEORGESCU and Marieta COSTACHE</i>	GENETIC CHARACTERISATION OF <i>SALMO TRUTTA</i> L. (BROWN TROUT) POPULATION FROM BISTRA MĂRULUI (TIMIȘ BASIN), ROMANIA	
<i>John EPIFANIO and King GREGORY</i>	HYBRIDIZATION IN FRESHWATER FISHES AS A CHALLENGE TO CONSERVING AQUATIC BIODIVERSITY	
<i>Relu-Constantin GIUCĂ, Mihai ADAMESCU, Constantin CAZACU, Georgina COSOR, Elena PREDA and Tudor RACOVICIANU</i>	CULTURAL ECOSYSTEM SERVICES ASSESSMENT IN DANUBE DELTA BIOSPHERE RESERVE	
<i>Angela CURTEAN- BĂNĂDUC, Ioana-Cristina CISMAȘ and Doru BĂNĂDUC</i>	FISH POPULATIONS MANAGEMENT DECISIONS SUPPORT SYSTEM IN NATURA 2000 CONTEXT – A CASE STUDY	

Aquatic habitats - biodiversity interrelations

Dimpal SANGHVI,
Nandini Ray
CHAUDHUURY
and
Bhanukumar JAIN

MICROHABITAT PREFERENCES OF
PHAEOPHYTA ON SHORE PLATFORM OF
DWARKA, GUJARAT COAST, INDIA



Anca BUCUR,
Liviu PRIPON,
Gabriela CUZEPAN,
Raluca STOICA,
Catalin FUCIU,
Adrian RĂULEA
and
Ioan TĂUȘAN

MALLARD (*ANAS PLATYRHYNCHOS*)
DISTRIBUTION ON OLT VALLEY
ARTIFICIAL LAKES (SIBIU, ROMANIA)



Angela CURTEAN-
BĂNĂDUC

BIOTOP DETERMINANTS OF EPT
ASSEMBLAGES STRUCTURE – TÂRNAVA
WATERSHAD (ROMANIA) CASE STUDY



Horea OLOSUTEAN,
Sonia BUNGIAC
and
Mirabela PERJU

FACTORS INFLUENCING DIVERSITY AND
COMMUNITY STRUCTURES OF AQUATIC
AND SEMI-AQUATIC HETEROPTERA
(NEPOMORPHA) IN RELATIVELY
HOMOGENEOUS HABITATS



Wetlands biodiversity

Voichița GHEOCA
and
Lorena POPESCU

LAND SNAIL COMMUNITIES IN
LIMESTONE GORGES FROM THE
EASTERN PART OF THE METALIFERI
MOUNTAINS (APUSENI MOUNTAINS,
ROMANIA)



Food web interactions and aquatic productivity

Iulia Elena FLORESCU,
Alexandru BURCEA,
Gina Oana POPA,
Mihaela BALAȘ,
Sorina VOICU,
Iulia GRECU,
Lorena DEDIU,
Angelica DOCAN
and
Sergiu Emil GEORGESCU

EFFECTS OF STARVING AND REFEEDING
ON OXIDATIVE STRESS BIOMARKERS IN
ACIPENSER STELLATUS UNDER
AQUACULTURE CONDITIONS



Ruhollah RAHIMI
and
Mehrdad FARHANGI

THYROIDAL HORMONES CHANGES IN
DURING FASTING AND REFEEDING IN
RAINBOW TROUT (*ONCORHYNCHUS*
MYKISS)







Saadet KARAKULAK,
Taner YILDIZ,
Ugur UZER
and
Emre YEMISKEN

THE BIOMASS OF DEMERSAL
ASSEMBLAGES IN THE EASTERN
MARMARA SEA, TURKEY



Research methods in aquatic ecology / biodiversity

<p><i>Alexandru BURCEA,</i> <i>Iulia Elena FLORESCU,</i> <i>Gina-Oana POPA,</i> <i>Andreea DUDU,</i> <i>Sergiu Emil GEORGESCU</i> <i>and</i> <i>Marieta COSTACHE</i></p>	<p>SEQUENCE ANALYSIS OF MARKERS POSSIBLY INVOLVED IN STURGEON SEX DETERMINATION</p>	
<p><i>Khairun YAHYA</i> <i>and</i> <i>Siti Azizah Mohd NOR</i></p>	<p>THE QUESTION OF AUTOTROPHY/HETEROTROPHY IN PLANKTONIC COMMUNITIES IN A TROPICAL MANGROVE ESTUARY</p>	
<p><i>Dan CHICEA,</i> <i>Cornelia LUNGU</i> <i>and</i> <i>Angela CURTEAN-BĂNĂDUC</i></p>	<p>TESTING A VACUUM ACCELERATED FILTERING PROCEDURE FOR MEASURING THE AMOUNT OF ORGANIC SUSPENSIONS REMOVED FROM WATER BY BIVALVES</p>	
<p><i>Liviu PRIPON,</i> <i>Gabriela CUZEPAN,</i> <i>Anca BUCUR,</i> <i>Raluca STOICA,</i> <i>Ioan TĂUȘAN,</i> <i>Cătălin FUCIU</i> <i>and</i> <i>Adrian RĂULEA</i></p>	<p>HOW LATE IS TOO LATE IN WATERFOWL MONITORING DURING WINTER? A COMPARATIVE STUDY BETWEEN MORNING AND AFTERNOON OBSERVATIONS ON ARTIFICIAL LAKES IN OLT VALLEY (SIBIU, ROMANIA)</p>	
<p><i>Daniel HUNYADI,</i> <i>Doru BĂNĂDUC</i> <i>and</i> <i>Angela CURTEAN-BĂNĂDUC</i></p>	<p>USING TOPDOWN CLUSTERING MODEL FOR THE ASSESSMENT OF ANTHROPOGENIC PRESSURES AND THREATS ON THE FISH POPULATIONS</p>	

Human impact and the aquatic biodiversity

<i>Iman ABUMOURAD, Magdy HANNA, Wafaa ABBAS and Taghreed IBRAHIM</i>	DISEASE HAZARDS OF PETROLIUM HYDROCARBONS CONTAMINATION IN <i>GAFRARIUM PECTINATUM</i> (LINNAEUS, 1758) FROM EGYPTIAN LAKE TEMSAH	
<i>Wan Maznah Wan OMAR</i>	MICROALGAL BASED-MODEL TO INFER WATER QUALITY CHARACTERISTICS: SPECIAL REFERENCE TO MALAYSIAN INLAND WATERS	
<i>Ömer Faruk KAYA and Tijen DEMIRAL</i>	OBSERVATIONS OF AQUATIC WEEDS IN IRRIGATION AND DRAINAGE CANALS IN ŞANLIURFA (TURKEY)	
<i>Dragana ČUČAK, Jelena SPASOJEVIĆ, Olivera BABIĆ, Srđan RONČEVIĆ, Snežana MALETIĆ, Božo DALMACIJA and Dragan RADNOVIĆ</i>	MICROBIAL AND CHEMICAL CHARACTERISATION OF WASTEWATER CANAL SEDIMENTS OF THE INDUSTRIAL COMPLEX OF THE CITY OF PANČEVO, SERBIA	
<i>Olaniyi Alaba OLOPADE and Nkuene Gbenekanu SINCLAIR</i>	CATHACABILITY OF SELECTED SMALL SCALE FISHING GEARS USED IN BONNY RIVER, RIVERS STATE, NIGERIA	
<i>Daniela VASILE, Gisela GAINA, Magdalena TENCIU, Anca DINISCHIOTU, Dragomir COPREAN and Lucica TOFAN</i>	PRELIMINARY RESULTS REGARDING THE ACTIVITY OF GLUTATHIONE S- TRANSFERASE ENZYME IN THE LIVER OF <i>ACIPENSER STELLATUS</i> JUVENILES (STELLATE STURGEON) INTOXICATED WITH COPPER AND ZINC	
<i>Tijen DEMIRAL, Ömer Faruk KAYA, Semra ALMAS, Özgür ÇELIK and Mehmet HAMURCU</i>	ASSESSMENT OF HEAVY METAL ACCUMULATION ON SOME ECOLOGICAL FEATURES OF <i>RANUNCULUS SPHAEROSPERMUS</i> LIVING IN PUDDLE (TURKEY)	
<i>Marga-Elena AVRAM, Oana IONUŞ and Ionelia GOGA</i>	IMPACTS OF ENVIRONMENTAL CHANGE AND HUMAN ACTIVITY ON PREAJBA VALLEY LAKES (SOUTH-WEST ROMANIA)	

Global changes

Dagmara BŁOŃSKA,
Mariusz TSZYDEL
and
Marcin MARKOWSKI

MORPHO-ANATOMICAL CHANGES IN
GROWTH OF *HYDROPSYCHE*
ANGUSTIPENNIS (INSECTA,
TRICHOPTERA) AS A RESPONSE TO
ANTHROPOGENIC CONVERSION OF
STREAMS IN URBAN AGGLOMERATION



Mărioara COSTEA

CHANGES IN FLUVIAL PROCESSES AND
RIVERBED PATTERN OF CIBIN RIVER IN THE
ORLAT GRAVEL PIT AREA (SIBIU
DEPRESSION, ROMANIA)



Jose Miguel ORTEGA-
ARROYO,
Andrea GALOTTI,
Francisco JIMÉNEZ-GÓMEZ,
Gema PARRA
and
Benjamín VIÑEGLA

EFFECT OF MEDIUM ACIDIFICATION ON
CARBON CONCENTRATION MECHANISMS
AND ENZYME ACTIVITIES IN MICROALGAE:
IMPACT ON AQUATIC COMMUNITY



15⁰⁰ – 16⁰⁰ WORKSHOP
„WILDERNESS CONCEPT IN FRESHWATER ECOSYSTEMS“



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