

HydroMediT 2016

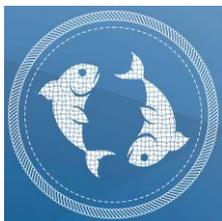


**2ND INTERNATIONAL
CONGRESS ON**

APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT

**10 - 12 NOVEMBER 2016, MESSOLONGHI
TRIKOUPEIO CULTURAL CENTRE**

<http://hydromedit2016.apae.uth.gr/>



HydroMediT 2016

2nd International Congress on Applied Ichthyology & Aquatic Environment

November 10-12, Messolonghi, Greece

Global trends and innovations for the sustainable development of aquaculture and fisheries in our region

FULL PROGRAMME

Organised by:

- Department of Ichthyology and Aquatic Environment (DIAE), School of Agricultural Sciences, University of Thessaly (UTh)
- Panhellenic Society of Technologists Ichthyologists (PASTI)



Co-organised by:

- Department of Fisheries & Aquaculture Technology, Technological Educational Institute (TEI) of Western Greece (Messolonghi Campus)
- Hellenic Geotechnical Chamber (GEOTEE) & Geotechnical Chamber of Central Greece



Supported by:

- European Aquaculture Society (EAS)
- American Fisheries Society (AFS)
- Faculty of Agriculture, University of Belgrade, Serbia
- Iranian Ornamental Fish Scientific Society (IOFS)
- Mazandaran Science & Technology Park (IRAN)
- Panhellenic Union of Graduate Ichthyologists Working on Public Sector (PEPIAED)



Under the Aegis of:

- Ministry of Rural Development & Food
- Ministry of Education, Research & Religious Affairs
- Region of Western Greece, Regional Unit of Aetolia - Acarnania
- Municipality of Sacred Town of Messolonghi



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΓΡΟΤΙΚΗΣ ΑΝΑΠΤΥΞΗΣ
ΚΑΙ ΤΡΟΦΙΜΩΝ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ
ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΠΕΡΙΦΕΡΕΙΑ ΔΥΤΙΚΗΣ ΕΛΛΑΔΑΣ



ΔΗΜΟΣ Ι.Π. ΜΕΣΟΛΟΓΓΙΟΥ

GREETINGS from the PRESIDENT

Dear Colleagues and Friends,

The organizers **have the pleasure to welcome you** to the 2nd International Congress on Applied Ichthyology and Aquatic Environment "**HydroMediT 2016**", and to the beautiful and historical Town of Messolonghi.

Our congress has also a significant number of co-organisers, international supporters, and sponsors, sharing the same aim, to establish an enhanced and multidisciplinary forum.

We would like to thank all of you for your continues support to our congresses, to wish you a pleasant stay, and we hope that you will have a useful and productive congress.

George Katselis - President of the Congress

PROCEEDINGS

Dear Participants, our Congress on its effort to be more **environmental responsible** has **reduced to the minimum possible** the different kind of material which usually disseminates, like informative leaflets, promo leaflets, etc., and most of the information needed is already available online.

For the same reasons **the Proceedings shall not be reproduced**, in paper (except this program) or in digital media (like CD or USB), because most of them cannot be recycled, ending to severely pollute our rivers and seas. We hope that you agree with our initiative, and will support our effort.

HydroMediT 2016 Proceedings (Full Texts)
Will be available online at 10th of November
Can be downloaded directly from the congress site

Visit <http://hydromedit2016.apae.uth.gr> and from the Main Menu follow the Tab "**Proceedings**", to finally select the Tab "**Proceedings 2016**"

We believe and support the use of open data. We strongly **encourage** our participants to widely **distribute** the proceedings among their colleagues, and cite the work presented, to **disseminate the knowledge**.

REGISTRATION

Registration Desk will open at **Thursday at 10:00** and shall remain open until **17:00**.

On Friday and Saturday a **Secretariat** there will be available **during congress hours**.



THURSDAY, NOVEMBER 10

Thematic field: FISHERIES

Thursday, November 10

13:00 - 15:30 Amphitheatre

Chairs: Moutopoulos D., Ramfos A.

13:00 Choremis C., Katselis G., Nathanailides C., **Vidalis K.**
THE USE OF MORFOMETRIC CHARACTERS AS A DIAGNOSTIC TOOL FOR THE ORIGIN OF WILD AND CULTURED GILTHEAD SEABREAM (*Sparus aurata*) IN SELLING SPOTS

13:15 **Kara A., Saglam C., Acarli D.**
LENGTH-WEIGHT RELATIONSHIPS OF FISH CAPTURED BY WIRE POTS IN IZMIR BAY (EASTERN AEGEAN SEA, TURKEY)

13:30 **Lök, A., Özgül, A.**
THE ROLE OF ARTIFICIAL REEFS FOR SUSTAINABLE FISHERIES IN TURKEY

13:45 **Özgül, A., Lök, A.**
LONG-TERM RESIDENCY OF FISH SPECIES ON ARTIFICIAL REEFS IN THE NORTHERN AEGEAN SEA, TURKEY

14:00 **Roditi K., Matsiori S., Lolas A, Vafidis D.**
LANDINGS PROFILES AND POTENTIAL METIERS FOR GILLNETS: THE CASE OF KALYMNOS, SE AEGEAN, DODECANESE, GREECE

14:15 **Filiz, H.**
NOTES ON THE STOMACH CONTENTS OF JUVENILE SANDBAR SHARKS FROM THE SOUTH AEGEAN SEA, TURKEY

14:30 **Bilge G., Filiz H.**
FISH AND OTOLITH SIZE RELATIONS IN *Gadiculus argenteus* FROM THE SOUTHERN AEGEAN SEA

14:45 **Stathopoulou E., Apostologamvrou C., Vafidis D., Mente E. , Berillis P.**
SEX DIFFERENTIATION AND SEASONAL CHANGES IN THE HISTOLOGY OF THE DIGESTIVE GLAND OF *Nephrops norvegicus* FROM PAGASITIKOS GULF

15:00 **Mancinelli G., Chainho P., Cilenti L., Falco S., Kapiris K., Katselis G., Ribeiro F.**
ON THE ATLANTIC BLUE CRAB (*Callinectes sapidus* RATHBUN 1896) IN SOUTHERN EUROPEAN COASTAL WATERS: TIME TO TURN A THREAT INTO A RESOURCE?

15:15 **Şensurat T., Özgül A., Lök A.**
ARTIFICIAL REEFS APPLICATIONS FOR DIVING TOURISM

15:30 **COFFEE BREAK**



Thematic field: AQUACULTURE

Thursday, November 10

16:00 - 17:30 Amphitheatre

Chairs: Batargias K., Mente E.

16:00 **Vlahos N.**, Akrivouli A., Mente E., Exadactylos A., Nystas T., Patsea E.,
Vidalis K. , Hotos G.

THE EFFECT OF THREE DIFFERENT TEMPERATURES ON THE GROWTH AND SURVIVAL RATE
OF *Palaemon adspersus*

16:15 **Şirin P.A.**

COMPARISON OF NUTRIENT COMPOSITION OF *Cystoseira barbata* IN NATURAL AND
CULTIVATION CONDITIONS

16:30 Şirin P.A., Gökpınar Ş., **Çakmak T.**

SUPERIOR IMPACT OF AMMONIUM ACETATE ON GROWTH OF *Chlorella vulgaris* C-27

16:45 **Metsoviti M.N.**, Papapolymerou G., Karapanagiotidis I.T., Katsoulas N.

EFFECT OF DIFFERENT CONCENTRATIONS OF NITROGEN ON THE GROWTH RATE AND
NUTRIENT CONTENT OF THE MICROALGA *Chlorella vulgaris*

17:00 Chantzistrountsiou X., **Tzovenis I.**, Ntzouvaras A., Economou-Amilli A

EFFECTS OF SALINITY ON THE GROWTH AND PRODUCTIVITY OF 12 STRAINS OF *Dunaliella*
teodoresco (Chlorophyceae) ISOLATED FROM COASTAL LAGOONS OF GREECE



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Thematic field: INLAND AQUATIC RESOURCES

Thursday, November 10

13:00 - 15:30 Room 1

Chairs: Tsoumani M., Skordas K.

13:00	Milorad Mrakovčić - Thematic Field Keynote Speaker
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Professor, Department of Biology - Zoology, University of Zagreb (Croatia)

BIODIVERSITY STATUS AND THREATS TO FRESHWATER FISH OF CROATIA AND
EASTERN ADRIATIC COUNTRIES

13:45	Kalogiros D. , Psilovikos A.
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ESTIMATE OF THE PEAK RUNOFF VALUES OF THE MOUNTAINOUS CATCHMENTS OF RIVER LITHAIOS USING SYNTHETIC UNIT HYDROGRAPHS

14:00	Özgür M.E.
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Luciobarbus esocinus Heckel, 1843 FROM THE EUPHRATES RIVER BASIN: AN INTRODUCTION
ABOUT ITS PAST, PRESENT AND FUTURE

14:15	Karamoutsou L. , Psilovikos A., Spiridis A., Koutalou V., Papadopoulos I., Ampas V., Stanlacke P.
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MODIFICATIONS IN THE VEGORITIDA'S LAKE CATCHMENT AND WATER LEVEL DURING THE LAST SIXTY YEARS

14:30	Atamanalp M. , Kırıcı M., Kırıcı M., Beydemir Ş
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INVESTIGATION OF IN VITRO EFFECTS OF SOME METAL IONS ON GLUCOSE 6-PHOSPHATE DEHYDROGENASE WHICH PURIFIED FROM FRESHWATER FISH *Capoeta umbla* KIDNEY

14:45	Alak G. , Atamanalp M., Ucar A., Parlak V., Kocaman E.M.
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TOXIC EFFECTS OF TEMEPHOS ON RAINBOW TROUT

15:00	Ergonul M.B. , Yavuzcan H., Atasagun S.
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ALTERATIONS IN THROMBOCYTE COUNTS AND CLOTTING TIME OF TENCH, *Tinca tinca* AFTER CHRONIC ZINC EXPOSURE

15:15	Matzafleri N. , Psilovikos Ar.
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PRELIMINARY STUDY OF FISH FAUNA IN LOCATION AG. SOTIRAS – LAKE KASTORIA WESTERN GREECE. THE PERSPECTIVE OF APPLYING AN ECOHYDRAULIC MODEL

15:30	COFFEE BREAK
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Thematic field: FISHERIES

Thursday, November 10

16:00 - 17:30 Room 1

Chairs: Theodorou J., Katselis G.

16:00 **Movie Film - Documentary (Lughfilms)** (Duration: 106 minutes)

A TURNING TIDE IN THE LIFE OF MAN

The film retraces the origin of the global problems the small fishermen are facing today, the complexity of such political decisions and the consequences for the lives of small coastal communities, emanating from the implementation of the Salmon Ban and other EU Regulations over the years.

Since 2006, islanders from the communities of Árainn Mhór Island, Inis Bo Finne and Tory Island, in Donegal, Ireland, together with experts from around the world, have been working on common documents and actions that will help them to survive Government-led policies, and allowed them to participate in the writing of new reform of the fishing policy which was put in place in 2014 for all European countries.

Lead by one fisherman's voice, John O'Brien, we follow John's very personal journey with his family and friends from Árainn Mhór Island and Tory Island over 8 years.

We see their efforts to survive and their long quest to find answers to their questions; traveling, meeting with politicians, gathering together other islands communities from all around Europe, querying MEPs, working with International NGOs to understand the political process and convincing those who hold the power to join their fight and make a difference.

As John gets closer to the European Parliament circumstances force him into a more important role. He becomes one of the few EU small fishermen representatives and advisor by default in the new reform process.

Discovering that he's only a little piece of a larger puzzle, for the first time, John has to envisage the bigger picture for himself and like the Members of the European Commission, John and his people also have to take into consideration, environmental, economic and social issues.

17:45 **Exchange of Views**



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OFFICIAL OPENING OF HydroMedIT 2016

Thursday, November 10

19:00 - 22:00 **Building of Regional Unit** (ex "Nomarhia" bldg)

19:00 **Greetings**

19:30 **Awarding Ceremony**

The organisers will honour for their excellence and their invaluable contribution to the fisheries and/or aquaculture sector in Greece an **Academic** (*Professor Ioannis Paschos*), a **Professional** (*Mr Nikolaos Anagnopoulos*), and a **Company** (*The Federation of Greek Maricultures - FGM*).

19:40 **Opening**

19:45 **Konstantopoulou Mathilde**

Deputy Pillar Coordinator for **Pillar I - Blue Growth** of the EUSAIR strategy
Ministry of Economy, Development & Tourism - Special Service for Strategy, Planning & Evaluation

THE EUSAIR STRATEGY - IMPLEMENTATION PHASE, AND NEXT STEPS FOR THE IDENTIFICATION OF PROJECTS

(*Ευρωπαϊκή Στρατηγική για την Μακρο-Περιφέρεια Αδριατικής - Ιονίου (EUSAIR): Στάδιο εφαρμογής, και επόμενα βήματα για τον προσδιορισμό των προγραμμάτων*)

20:00 **Ivan Katavić - Congress Keynote Speaker**

Fisheries biologist - Senior Researcher
Head of Aquaculture Laboratory - Institute of Oceanography and Fisheries (Split, Croatia)

CHALLENGES FACING MARINE AQUACULTURE IN THE MEDITERRANEAN

20:45 **Cultural Event**

Traditional music and dances from the area.

21:15 **Opening Reception**

Welcome drinks, escorted by traditional products (Hall)



FRIDAY, NOVEMBER 11

Thematic field: FISHERIES

Friday, November 11

09:00 - 14:00 Room 1

Chairs: Katselis G., Joksimovic A.

10:00 Katselis G., Dimitriou E., **Moutopoulos D.**, Dimitriou N., Koutsikopoulos C.
TECHNICAL CHANGES IN BARRIER TRAP SELECTIVITY FOR THE MANAGEMENT OF COASTAL LAGOONS

10:15 **Tosunoğlu Z., Taşkavak E.**
SUSTAINABILITY OF THE HOMA, LAST COASTAL LAGOON OF THE IZMIR BAY (AEGEAN SEA)

10:30 **Saglam C.**, Akyol O., Ceyhan T.
CURRENT STATUS OF ENEZ LAGOON FISHERY (NORTHERN AEGEAN SEA)

10:45 **Katselis G.**, Kladas J.
ANALYSIS OF THE LOW FREQUENCY AND HIGH LANDING EVENTS IN PAPAS LAGOON (WESTERN GREECE).

11.00 **COFFEE BREAK**

11:30 **Sanja Matić-Skoko - Thematic Field Keynote Speaker**
Marine Biologist - Senior Researcher
President of IOF Scientific Board - Institute of Oceanography & Fisheries (Split, Croatia)
MEDITERRANEAN FISHERIES IN A FRAMEWORK OF NEW COMMON FISHERIES POLICY (CFP): CHALLENGES AND OPPORTUNITIES

12:15 Pešić A., Joksimović A., Đurović M., Marković O., **Ikica Z.**
CHARACTERISTICS OF SMALL-SCALE FISHERIES IN MONTENEGRO (SOUTH ADRIATIC SEA)

12:30 **Erdogan Saglam N.**, Saglam C.
CATCH PER UNIT EFFORT OF WHITING (*Merlangius merlangus* (Linnaeus, 1758)) GILLNET FISHERY IN ORDU, SOUTHEAST BLACK SEA

12:45 **Lok A.**
THE CURRENT STATUS OF EDIBLE MOLLUSC PRODUCTION IN TURKEY

13:00 **Bilge G.**, Filiz H., Yapıcı S., Gülşahin A.
ON THE OCCURRENCE OF THE DEVIL FIREFISH *Pterois miles* (SCORPAENIDAE), FROM THE SOUTHERN AEGEAN SEA WITH AN ELABORATE OCCURRENCES IN THE MEDITERRANEAN COAST OF TURKEY



13:15

Vasil'eva E.D.

WELL-KNOWN BUT POORLY INVESTIGATED BIG-SCALE SAND SMELT *Atherina boyeri*:
TAXONOMIC AND PROTECTING PROBLEMS OF EXPLOITED AND INTRODUCED FISH

13:30

Soykan O.

A GENERAL EVALUATION ON OCCUPATIONAL HEALTH AND SAFETY IN TRAWLERS
OPERATING IN THE AEGEAN SEA, TURKEY

13:45

Pinello D., Gee J., Polymeros K.

ARRANGEMENT OF A BENCHMARK TABLE FOR EMPLOYMENT, SALARIES AND LABOUR
PRODUCTIVITY IN MEDITERRANEAN FISHERIES.

14:00

SNACK BREAK



Thematic field: PROCESSING OF AQUATIC PRODUCTS

Friday, November 11

16:00 - 17:30 Room 1

Chairs: Boziaris I., Polymeros K.

- 16:00** **Spyratos C.**, Parlapani F.F., Aggelidis P., Boziaris I. S.
MICROBIOLOGICAL QUALITY AND SHELF-LIFE OF MUSSEL FLESH STORED AT LOW TEMPERATURE
- 16:20** **Parlapani F.F.**, Boziaris I.S.
EXPLORATION OF MICROBIOLOGICAL QUALITY OF FISH USING -OMICS TECHNOLOGY
- 16:40** Castritsi-Catharios J., **Zaoutsos S.P.**, Ekonomou G., Berillis P.
PHYSICAL PARAMETERS AND CHEMICAL COMPOSITION OF FOUR SPONGE SPECIES. PRELIMINARY RESULTS.
- 17:00** **Gokoglu N.**, Yatmaz H.A.
EFFECTS OF TUMBLING ON PHYSICOCHEMICAL CHARACTERISTICS OF CUTTLEFISH (*Sepia officinalis*) MUSCLE
- 17:30** **COFFEE BREAK**

Thematic field: ENVIRONMENTAL MANAGEMENT

Friday, November 11

18:00 - 19:00 Room 1

Chair: Chatziefstathiou M., Matsiori S.

- 18:00** **Gkargkavouzi A.**, Matsiori, S.
ENVIRONMENTAL ATTITUDES AND BELIEFS TOWARD PHYSICAL ENVIRONMENT
- 18:15** **Gkargkavouzi A.**, Lolas A., Roditi K., Vafidis D.
ENVIRONMENTAL ATTITUDES AND PRO-ENVIRONMENTAL BEHAVIOR: THE CASE OF AN ARTIFICIAL REEF IN THE CITY OF VOLOS
- 18:30** **Roditi K.**, Lolas A., Gkargavouzi A., Vafidis D.
PRELIMINARY RESULTS ON THE WILLINGNESS TO PAY FOR THE CREATION OF A THEMATIC ARTIFICIAL REEF IN PAGASITIKOS GULF
- 18:45** **Ekonomou G.**, Matsiori S., Neofitou C.
THE ROLE OF SMALL-SCALE FISHERIES IN REDEFINING THE GREEK TOURISM PRODUCT AND UPGRADING COASTAL ZONE MANAGEMENT



**Technical Seminar: RESEARCH - INNOVATION - PRODUCTION
on AQUACULTURE & FISHERIES**

This seminar is **Co-organised**, and Certified, by the
Life Long Learning Center - University of Thessaly
An extra Certificate will be provided to the Participants
Concerns Life Long Learning - **Cannot Certify Students**
Open to all for attendance, depending on seat availability

Part A: Sustainable Aquaculture Development

Friday, November 11

09:00 - 14:00 Amphitheatre

Chair: Berillis P., Michaelidis B.

09:00 David McKenzie - Technical Seminar Keynote Speaker
Research Director, French National Centre for Scientific Research (CNRS)
CAN PHYSIOLOGY BE USED TO IMPROVE CONSERVATION OF MEDITERRANEAN FISHES?
09:45 Q & R

10:00 Vratsistas A., Vafidis D., Exadactylos A., Feidantsis. K., **Michaelidis B.**
INVESTIGATION OF THE OXIDATIVE STRESS RESPONSE OF MARINE BIVALVE MYTILUS
GALLOPROVINCIALIS DURING LONG-TERM EXPOSURE TO HIGH TEMPERATURE

10:20 Georgoulis I., Tsampaz B., Zachariou A., Feidantsis K., **Michaelidis B.**
PRELIMINARY RESULTS ON THE EFFECTS OF ACUTE WARMING ON THE CELLULAR STRESS
INDICATORS OF METABOLISM, AUTOPHAGY AND INFLAMMATION IN THE LIVER OF THE
GILTHEAD SEABREAM SPARUS AURATA

10:40 **Efstathiou P.A.**, Kouskouni E., Karlovasiti V., Manolidou Z., Efstathiou
A.P.
USE OF COPPER ALLOY CAGE IN FLOATING FISH CULTURE FOR THE FARMING OF
MEDITERRANEAN MARINE FISH

11.00 COFFEE BREAK

11:30 Exadactylos A. (Presenting for the Working Group)
MARINE ANGIOSPERM TOLERANCE ON ENVIRONMENTAL STRESS: PHYSIOLOGICAL -
CELLULAR - BIOCHEMICAL - MOLECULAR MECHANISMS RELATED TO SPECIES AND HABITAT
DIVERSITY

11:50 Kavouras M. (Presenting for the Working Group)
AQUA EXCEL "BIOCHEMICAL MECHANISMS RELATED TO SOLE EGG AND LARVAL QUALITY"
(BIOSOLE)

12:10 Karapanagiotidis I. (Presenting for the Working Group)
THE USE OF NON-RUMINANT PROCESSED ANIMAL PROTEINS IN AQUAFEEDS FOR
GILTHEAD SEABREAM (SPARUS AURATA)



12:30 Neofytou N. (Presenting for the Working Group)

APPROACH OF NEW - CONTEMPORARY PRACTICES FOR THE MINIMIZATION OF ENVIRONMENTAL IMPACTS OF AQUACULTURE ON THE SEDIMENT: THE CASE OF SEA CUCUMBER HOLOTHURIA TUBULOSA

12:50 Syvri R., Neofitou N., Karapanagiotidis I., Vafidis D., Lolas A., Antoniou K., Psafakis P., Daskalopoulou E., Tziantziou L.

CONTRIBUTION OF SEA CUCUMBER HOLOTHURIA TUBULOSA ON ORGANIC LOAD REDUCTION FROM FISH FARMING IN LABORATORY CONDITIONS

13:10 Psafakis P., Daskalopoulou E., Vogiatzis I., Alexiou K., Mastora A., Kindinis K., Tziantziou L., Karapanagiotidis I.T.

REPLACEMENT OF FISHMEAL WITH HYDROLISED FEATHERMEAL ON THE DIET OF GILTHEAD SEABREAM (SPARUS AURATA).

13:30 Psafakis P., **Berillis P.,** Karapanagiotidis I.T.

THE EFFECT OF POULTRY MEAL AND HYDROLYZED FEATHERMEAL ON LIVER AND INTESTINAL HISTOLOGY IN THE DIET OF GILTHEAD SEABREAM (SPARUS AURATA)

13:50 Q & R

14:00 SNACK BREAK

Part B: Sustainable Fisheries

Friday, November 11

16:00 - 17:30 Amphitheatre

Chair: Berillis P., Katselis G.

16:00 Koutsikopoulos C. (Presenting for the Working Group)

CONSTRUCTION AND EVALUATION OF INNOVATIVE FISHING BARRIER TRAPS IN LAGOONS FOR THE ESCAPEMENT OF UNDERSIZED FISH TO THE COASTAL ZONE

16:20 Koutsikopoulos C. (Presenting for the Working Group)

THE ANOXIC ZONE OF AMVRAKIKOS GULF: MAPPING, EFFECTS AND MANAGEMENT

16:40 Petra E., Antzoulatos G., Mente E, Vlahos N.

CLOUD INFRASTRUCTURES SERVING AQUAFARMS (BLUEBRIDGE)

17:00 Q & R

17:30 INTERACTION of SPEAKERS and PARTICIPANTS (COFFEE)

18:00 END of SEMINAR



Thematic field: AQUACULTURE

Friday, November 11

18:00 - 19:00

Amphitheatre

Chair: Ramfos A., Karapanagiotidis I.

18:00 **Hotos G.N.**

THE HALOTOLERANT GREEN ALGA *Asteromonas gracilis*, AN IDEAL TOOL FOR RESEARCH, EDUCATION AND MASS CULTURE. A PRELIMINARY REPORT.

18:15 Hatiras D., **Tsoumani M.**, Tzovenis I., Leonardos I.

EFFECT OF SALINITY AND LIGHT INTENSITY ON THE GROWTH OF CERTAIN SPIRULINA (= *Arthrospira* spp.) STRAINS

18:30 **Theodorou J.A.**

LIPIDS ENRICHMENT OF THE ROTIFER *BRACHIONUS PLICATILIS* (MÜLLER) USING A RANGE OF ARTIFICIAL DIETS.

18:45 **Theodorou A.**, Karapanagiotidis I.T., Staikou A., Hatzioannou M.

INTAKE AND LOSS OF DIETARY NITROGEN BY THE PULMONATE GASTROPOD *Cornu aspersum* IN RELATION TO FEED AND SEASON



SATURDAY, NOVEMBER 12

Thematic field: AQUACULTURE

Saturday, November 12

9:30 - 14:00 Amphitheatre

Chairs: Exadactylos A., Panagiotaki P.

09:30 Baulard C., Tsagkarakis M., Dionysopoulos D., Paximadis G., Kanstinger P., Papaharisis L.

DEVELOPMENT OF A STANDARD FOR RESPONSIBLE AQUACULTURE OF MEDITERRANEAN SPECIES GILTHEAD SEA BREAM (*Sparus aurata*) AND EUROPEAN SEA BASS (*Dicentrarchus labrax*)

09:45 Papanikolaou G.1, Miliou E., Golomazou E., Malandrakis E.E., Dantali O., Matouzi A., Exadactylos A., **Panagiotaki P.**

STUDY OF GROWTH COMPENSATION AFTER IMPLEMENTATION OF STARVATION - SUBSEQUENT REFEEDING FEEDING PROTOCOL IN INTENSIVELY REARED SEA BREAM

10:00 **Mavidou C.**, Panagiotaki E., Vellios E., Boziaris I.S.

POTENTIAL OF MYCOTOXINS PRODUCTION BY FUNGI ISOLATED FROM FISH FEED CONSTITUENTS

10:15 **Korun J.**

REVIEW OF BACTERIAL AND VIRAL DISEASES OF THE CULTURED MARINE FINFISH IN TURKEY

10:30 Lampou E., Bitchava K., Chasalevris T., Dovas C.I., Papadopoulos T., Pappas I., **Athanassopoulou F.**

PRELIMINARY STUDY OF THE ROUTES OF ENTRY AND PROGRESSION OF BETANODAVIRUS IN EUROPEAN SEA BASS, *Dicentrarchus labrax*

10:45 Poulos K., Prapas A., Malli A., **Logothetis P.**

RESISTANCE OF TWO IMPORTANT BACTERIAL PATHOGENS TO COMMONLY USED ANTIMICROBIALS IN GREEK FISH MARICULTURE

11.00 **COFFEE BREAK**

11:30 **Tampou A.**, Nikouli E., Piccolo G., Antonopoulou E., Mente E., Kormas K.
GUT MICROBIOME OF SEA BREAM (*S. aurata*) FED AN INSECT MEAL DIET

11:45 **Alexandrou K.**, Nikouli E., Chatzifotis S., Antonopoulou E. Mente E., Kormas K.

GUT MICROBIOME OF SEA BASS (*Dicentrarchus labrax*) FED AN INSECT MEAL DIET



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12:00 **Florou M.**, Neofitou N., Syvri R., Asimaki A., Kontotolis S., Skordas K., Panagiotaki P., Domenikiotis C., Tziantziou L.
IMPACT OF FISH FARMING ON NUTRIENTS OF PAGASITIKOS GULF: PRELIMINARY RESULTS

12:15 **Asimaki A.**, Neofitou N., Syvri R., Psofakis P., Lolas A., Vafidis D., Karapanagiotidis I., Florou M., Tziantziou L.
EFFECTS OF SEA CUCUMBER *Holothuria polii* ON ORGANIC LOAD REDUCTION FROM FISH FARMING OPERATION IN LABORATORY CONDITIONS: PRELIMINARY RESULTS

12:30 **Syvri R.**, Neofitou N., Vafidis D., Skordas K., Lolas A., Nikolaou M., Zairis D, Tziantziou L.
CONTRIBUTION OF SEA CUCUMBER *Holothuria tubulosa* ON ORGANIC LOAD REDUCTION FROM FISH FARMING IN NET PENS



Thematic field: ENVIRONMENTAL MANAGEMENT

Saturday, November 12

09:30 - 14:00 Room 1

Chairs: Chatziefstathiou M., Tsoumani M.

- 09:30** **Angelis I.**, Kagalou I.
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- 09:45** **Cladas Y.**, Bekiari V., Horsch G.M., Koutsikopoulos C.
RECENT ANOXIA INCIDENTS IN ARAXOS LAGOON, ACHAIA, WESTERN GREECE
- 10:00** Grigorakou L., Panagopoulos K., Poulos K, **Bekiari V**
USE OF ORGANIC HYDROGELS FOR WATER TREATMENT
- 10:15** **Papadimitriou A.**, Nakou K., Orfanidis S.
CULTIVATION OF CYSTOSEIRA SPECIES UNDER LABORATORY CONDITIONS AND IN THE FIELD: AN APPROACH TO DEVELOP RESTORATION TECHNOLOGIES OF COASTAL ENVIRONMENT
- 10:30** Tsakoumis E., Tsoulia T., Feidantsis K., Apostologamvrou C., Bobori D.C., **Berillis P.**, Antonopoulou E.
ENVIRONMENTAL RESPONSE OF THE GILLS IN THE FRESHWATER ENDEMIC FISH *Alburnus vistonicus*
- 10:45** **Shariati F.**
TOXICITY OF NANO METAL OXIDES ON TWO ALGAE *Chlorella vulgaris* AND *Scenedesmus demorphus*
- 11.00** **COFFEE BREAK**
- 11:30** **Dimitriou K.**, Drosou E., Lolas A., Vafidis D.
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- 11:45** Joksimović A., Azzurro E., Milone N., Pešić A., Marković O., Joksimović D., Glamuzina B., **Tomanić, J.**
THE SPREAD OF NON-INDIGENOUS SPECIES AND OTHER WARMING-RELATED SIGNALS: A LOCAL ECOLOGICAL KNOWLEDGE STUDY FROM MONTENEGRIN WATERS
- 12:00** **Çevik C.**, Gündoğdu S.
NEW ADDITIONS TO THE OPISTHOBRANCHIA SPECIES PRESENT IN THE ISKENDERUN BAY
- 12:15** **Dailianis I**, Neofitou C, Vafidis D, Castriti-Catharios J, Neofitou N, Aifanti S, Lolas A.
PRELIMINARY DATA OF THE BIODYNAMICAL STUDY OF *Upogebia Pussila* (MUDSHRIMP) IN THE WHETLAND OF LICHOURA AND THE MARSH OF SOURPI OF MAGNESIA REGION AND THE INFLUENCE OF THE FOREST ECOSYSTEM ON ITS ABUNDANCE



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Neofitou N., Aifanti S.

PRELEMINARY DATA OF THE EFFECTS OF THE FOREST ECOSYSTEM IN CHEMICAL AND
MECHANICAL STRUCTURE OF THE BOTTOM SEDIMENT IN THE WHETLAND OF LICHOURA
AND THE MARSH OF SOURPI BAY OF MAGNESIA REGION

12:45

Gönülal O.

BATHYMETRIC DISTRIBUTION OF MACROFAUNA FROM THE NORTH AEGEAN TROUGH

OFFICIAL CLOSURE of HydroMediT 2016

Saturday, November 12

13:00 - 13:30 Amphitheatre

13:00

Katselis G., Exadaktylos A., Vlahos N.

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GENERAL ASSEMBLY of PASTI

Saturday, November 12

13:30 - 14:00 Amphitheatre

13:30

Vlahos N., Tsoumani M., Zervos P., Kokkoris D., Tsikritea E.

ΓΕΝΙΚΗ ΣΥΝΕΛΕΥΣΗ ΠΑΣΤΙ

ΕΝΗΜΕΡΩΣΗ ΦΟΙΤΗΤΩΝ



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Posters will be displayed at **Room 2**, from **Thursday 14:00** until **Saturday 14:00**
Their authors will be there available for discussions during the Coffee Breaks

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ORGANIZING COMMITTEES

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PROGRAM GRID

ORAL SESSIONS

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09:30 - 10:00			TS		A	EM		
10:00 - 10:30			TS	F	A	EM		
10:30 - 11:00			TS	F	A	EM		
11:00 - 11:30			Coffee Break		Coffee Break			
11:30 - 12:00			TS	F ~	A	EM		
12:00 - 12:30			TS	F	A	EM		
12:30 - 13:00			TS	F	A	EM		
13:00 - 13:30			F	IAR ~	TS	F	Closure	ΠΕΠΙΑΕΔ
13:30 - 14:00	F	IAR	TS	F	SB - ΠΑΣΤΙ	ΠΕΠΙΑΕΔ		
14:00 - 14:30	F	IAR	Snack Break		Field Trip Visit to Natural Treasures & Ancient Sites of the area TBC Based on expression of interest Subject to a minimum number of congress' participants			
14:30 - 15:00	F	IAR						
15:00 - 15:30	F	IAR						
15:30 - 16:00	Coffee Break							
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16:30 - 17:00	A	MOV	TS	PAP				
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17:30 - 18:00			Coffee Break					
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MOV	Movie - Documentary
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ΠΕΠΙΑΕΔ	Elections of PEPIAED - Εκλογές ΠΕΠΙΑΕΔ (10 πμ - 14 μμ)

~ Session with **Invited Speaker**

* COFFEE will be offered

** Snack on your own

*** The place for the diner will be announced - there will be a small contribution

POSTER SESSION

Posters will be displayed at **Room 2** from Thursday 14:00 until Saturday 14:00
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