

## PERSONAL INFORMATION

## Ionescu Tudor



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Sex Male | Date of birth 10/01/1983 | Nationality Romanian

## WORK EXPERIENCE

01/01/2017–Present

Research and Development Centre for Sturgeon, Aquatic Habitats and Biodiversity, UDJG, Galati (Romania)

Director / Ichthyologist expert within the International Project "Survey and Research on the Natural Habitat in the Northwest of the Black Sea, the Critical Endangered Anadromous Sturgeon Species", no. Project 162514588 funded by The Mohammed bin Zayed Species Conservation Fund.

- Organizing the monitoring and research campaigns young sturgeons from the species *Huso Huso*, *Acipenser Gueldenstaedti*, *A. Stellatus*, in the Black Sea and Lower Danube.
- Experts team coordination for realisation of the scientific studies
- Purchase of equipment provided in the project
- Technical and financial reporting
- Promoting of the results of the project with a documentary film and a scientific paper

01/06/2016–Present

**Director**

Research and Development Centre for Sturgeon, Aquatic Habitats and Biodiversity from "Dunărea de Jos" University of Galati, Galati (Romania)

The main mission is to lead the studies and scientific research of the anadromous sturgeon species, aquatic habitats, biodiversity and the environmental protection.

01/06/2016–Present

**Expert Ichthyologist**

Dunarea de Jos University, Galati (Romania)

Ichthyologist expert in "Restoration of the aquatic and terrestrial ecosystems complex, from Fundu Mare Island, part of the Small Wetland of Brăila - RAMSAR site 1074" project, funded by the Program R002 - Biodiversity and Services of Ecosystems, through the EEA Financial Mechanism 2009 – 2014

02/08/2013–31/12/2015

**Sturgeon Expert**

Dunarea de Jos University, Galati (Romania)

Sturgeon Expert in the international project 18POP 22/04/2013 : „*Evaluation of survival and distribution in the Black Sea of young sturgeons stocked experimentally in the Lower Danube*”

- I organized the scientific activities of the project and I participated to the scientific studies about evaluation of survival and spread of sturgeon in the Black Sea, studying their habitat and human impact on the environment
- I participated to the implementation of the activities and the objectives of the project
- I was responsible of implementation the team activities
- I was responsible for communicating with experts from the bordering countries (Ucraina, Turcia, Bulgaria, Georgia, Serbia)

- I organized two international conferences
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01/06/2011–Present

**Habitats expert**

Grupul de Masuratori si Diagnoza SRL, Galați (Romania)

Long-term expert in the international project „ *Monitoring the environmental impact of works to improve navigation conditions on the Danube between Calarasi and Braila, km 375 and km 175*”

- I participated in preparing the specialized studies of the benthonic macroinvertebrates.
- I realized the electro- fishing and analysis on the Danube studied ichthyofauna
- I participated in studies on the migration of fish species of Community interest and studying their habitat, water speed measurements, bathymetry, noise and determining the impact over the aquatic ecosystems.

01/02/2015–Present

**Ichthyologist expert - Lower Danube River - Danube Delta**

Tudor Ionescu, Galati (Romania)

Comparative analysis of monitored data in field in 2015 to identify possible errors that could occur in analyzing data collected in scientific fishing stations on the lower Danube and the Danube Delta in "SERVICES FOR MONITORING THE STATE OF CONSERVATION OF SPECIES OF FISH COMMUNITY OF ROMANIA" POSMEDIU funded project 2017-2014 executed within 6 months from the Institute of Biology ASAMV Timisoara to Bucharest in order to report under Article 17 of the Habitats Directive.

- Comparative analysis of data reported in the "Synthetic guide of monitoring of fish species" at the end of the project if postprelevare activities.

02/01/2015–31/12/2015

**Ichthyologist expert**

S.C. MULTIDIMENSION S.R.L, Bucuresti (Romania)

Inventory, mapping and evaluating of the conservation status of species of fish in the Contract "Services of realization management plans in project " **The adequate management of Natural Protected Areas Bodoc, Baraolt, Dealul Ciocăș-Hill Calf, Tinovul Water Red Bog Water Smooth-Honcsok, Oltul Superior, Black River, Ciomad-Balvány and MESTECANIS from Cold** "

01/02/2010–31/12/2010

**Ichthyologist expert**

SE ACVATERA București, București (Romania)

Technical assistance in the design and developing of the recirculating system at Aquaterra Environmental Educational Complex in Fluvarium 1 Fluvarium 2 and Aquarium at the Faculty of Biologie Bucharest.

Exchange of experience and scientific research on the study of behavior and evolution of sturgeon in captivity, growth rates and feeding of the four species of sturgeon - Huso Huso, Acipenser gueldenstaedtii, Acipenser Acipenser Stelattus and ruthenus

01/05/2014–16/11/2015

**Asistent manager**

Dunarea de Jos University, Galați (Romania)

Assistant manager of the project "Innovative master programs for future professionals" POSDRU/156/1.2/G/142055, financed by the European Social Fund.

Organizing and planning project- defining work procedures and job descriptions; allocation of human and material resources given the available budget and implementation time. Monitoring and evaluation - monitoring project implementation and evaluating the fulfillment of objectives through analysis of output and result envisaged. Organizing regular meetings between partners, to assess

progress and to ensure effective communication. - Reporting - achieving progress reports, preparation of the application for payment and liaising with the Contracting Authority. Elaboration and presentation the monitoring instruments to POSDRU

01/07/2015–31/12/2015 **Public relations expert with students**

Dunarea de Jos University, Galati (Romania)

Public relations expert with students in project POSDRU/189/2.1/G/156695: "Supporting students transition to the labor market through innovative internships in South-Est region" where I had the following responsibilities:

- I created the institutional communication plan of the project
- I organized the launch and closing conference of the project
- I developed the promotional materials of the project
- I created and managed the website and the platform for documents and videos
- I helped managing the partnerships of practice, management agreements, notebooks practice sheets observation / evaluation
- I participated at the developing promotion procedure of the project
- I assured the compliance of procedures in project
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10/06/2015–31/12/2015 **Facilitator Expert**

Dunarea de Jos University, Galati (Romania)

Long term expert in project "Facilitating access to employment by developing integrated programs for employment, training and other support for people in rural areas – PERFORM" ID 152593

18/01/2013–Present **Engineer**

Dunarea de Jos University, Galați (Romania)

Management and monitoring of European projects implemented by UDJ Collaboration with teachers involved in running competitions on accrediting research purposes: to disseminate information, communication data collection proposals; Support business information on new competition launched by bodies in the field; collaborating with teachers and functional services of the university namely preparing documentation required for new project proposals; Writing and implementation of projects financed from European funds Costs record of Doctoral School

27/09/2011–31/12/2014 **Technical expert**

Sc Kroner Laguna Tour SRL, Ișalnița (Romania)

Compliance monitoring indicators for raising sturgeon technological project "CONSTRUCTION FARM" financed by the Operational Programme for Fisheries; fulfillment and compliance tracking parameters set by the project requirements established quality works and equipment; technical specifications for the tender documentation for the purchase of equipment; organising supply purchases goods; Reception carrying specialized equipment; monitoring equipment installation; realization of information and promotion of the project; development progress reports

25/09/2011–31/12/2014 **Technical expert**

SC INSTIRIG SA, Balj (Romania)

Compliance monitoring indicators for raising sturgeon technological project "CONSTRUCTION FARM" financed by the Operational Programme for Fisheries; fulfillment and compliance tracking parameters set by the project requirements established quality works and equipment; technical specifications for the tender documentation for the purchase of equipment; organising supply purchases goods; Reception carrying specialized equipment; monitoring equipment installation;

realization of information and promotion of the project; development progress reports

01/03/2013–01/06/2013

### Financial evaluation officer Tip A ( secondment by ministerial order)

OIPOSDRU regiunea Sud-Est, Braila (Romania)

The correct financial monitoring, effective and timely project and expenditure, in accordance with the reporting procedures established. Developing all the specific activities of the project for financial reporting in accordance with specific financial procedures POSDRU

18/06/2012–18/01/2013

### Director Homes and Canteen Direction

Dunarea de Jos University, Galați (Romania)

Management of Homes and Canteen Direction, team coordination to ensure a good functioning of all the accommodation and food services.

Infrastructure development by implementing new projects and ideas to ensure a European quality standard for Lower Danube University students

01/10/2008–18/06/2012

### Research Engineer

Dunarea de Jos University, Galați (Romania)

Assessing the ecological status of the Danube river 77 km 151 Mm based on benthonic macroinvertebrates communities

Rating ichthyofauna, autochthonous species and migratory fish, fishing in the Danube scientific confluence of the Siret and Prut rivers

Studies and research support for the foundation and ensuring sustainable development of the fisheries sector in Romania

Implementation of new technologies for growing in recirculating tanks with high economic value species (sturgeon, salmonids).

Complex studies of protection and rescue of rare and endangered species in the Danube basin.

Involvement in national and international projects of fundamental research

Design and development of new farms by accessing European funds

01/08/2006–01/06/2008

### Expert Reviewer

National Company of Administration of Fishery Resources Brasov (Romania), Brasov (Romania)

Protection of natural aquatic habitat in the area of Brasov, Covasna, Harghita by proposing legislative measures

Introducing sturgeon in local farms of trouts

Following and verifying the concession contracts in progress, calculating annual debts, travel on land and check the dealers about the contractual stipulations, going to the field and identify new potential partners, advising of possible investors in the field of fisheries, development feasibility studies. In this time I successfully accomplished four concession contracts with various company on the water surface that were not put into use, of all those we have advised five people managed to develop a profitable business in this branch

01/02/2003–01/08/2006

### Contributor

Romanian Employers Fisheries "Rompescaria, București (Romania)

Active participation in feasibility studies, project development and conservation of aquatic fauna and natural habitats. Monitoring and evaluation activities and products of aquaculture and fishing, the proposed legislative solutions for proper conservation of biodiversity in the fisheries sector

## EDUCATION AND TRAINING

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01/10/2008–Present **PhD in Aquaculture and Fisheries** EQF level 8

Dunarea de Jos University, Galați (Romania)

- The current state of sturgeon stocks (literature review)
- Diminuation causes of Aacipenseride from the Black Sea and Danube and the possibilities for recovery stocks.
- Specific studies on the assessment of survival and spread of anadromous sturgeon in the Black Sea.
- Monitoring of sturgeon species endangered in the current ecological context
- Studing the habitats of the Black Sea anadromous acipenseridelor, conclusions on popular support by youngsters stocks of sturgeon.
- Study of spreading throughout coastline area from bordering countries next to Black Sea

01/10/2016–Present **Degree in Environmental Quality and Sustainable Development** Nivelul 7 CEC

Dunarea de Jos University, Galati (Romania)

Degree in Environmental Engineering

01/10/2006–30/06/2008 **Degree in Environmental Quality and Sustainable Development** EQF level 7

Dunarea de Jos University, Galați (Romania)

Biomonitoring environmental impact of aquaculture, Ecology and eco-physiological of aquatic organisms Reproduction and genetic improvement of fish

01/10/2001–30/06/2006 **Diplomat engineer** EQF level 6

Dunarea de Jos University, Aquaculture and Fisherise Departament, Galați (Romania)

Ecology, pisciculture, aquaculture, fisheries, monitoring of living aquatic resources, Ichthyology, Ihtiopatology

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	B2	B2	B1
French	C2	C2	B1	B1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills Good communication skills, ability to adapt in multicultural and interdisciplinary situations and sides

Organisational / managerial skills Organizing skills from European projects and research where I participated  
 Organizational skills and leadership, in the past eight years I have monitored and managed international research teams made up of teachers, researchers and fishermen involved in projects and scientific studies in which I took part.  
 Practical skills in research activities on the Danube River and Black Sea

Job-related skills Knowledge in IN-SITU monitoring studies of ecological systems and natural habitates  
 Financial and technical evaluation of the refund request of POSDRU

Advanced knowledge in preparing feasibility studies and technical projects for farms of aquaculture, during the development of several projects execution, namely, four fish farms increasing in intensive funded by the European Fisheries Fund

Monitoring physico-chemical and biological surface waters

Advanced knowledge of the management of recirculating systems in the pilot of the Department of Aquaculture, Environmental Science and Cadastre  
Advanced knowledge of industrial fishing field in research topics on the Danube and Black Sea

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Microsoft office  
AUTOCAD3DMAXPhotoshopCoreldraw

Driving licence A, B

ADDITIONAL INFORMATION

Projects

- International Project Program R002 - Biodiversity and Services of Ecosystems, through the EEA Financial Mechanism 2009 – 2014, "Restoration of the aquatic and terrestrial ecosystems complex, from Fundu Mare Island, part of the Small Wetland of Brăila - RAMSAR site 1074"
- International Project 18/22.04.2013 „ Evaluation of survival and distribution in the Black Sea of young sturgeons stocked experimentally in the Lower Danube "
- International Project ROMOMED nr.110/21.06.2012 „ Monitoring the environmental impact of works to improve navigation conditions on the Danube between Calarasi and Braila, km 375 and km 175"
- Program CEEX – BIOTECH, project no. 120/2006: „Conservation and sustainable use of sturgeons in the lower Danube" – STURDUN
- FP7-COBEST "Contribution of Biodiversity to Ecosystem Services in Transitional Waters", Collaborative Project - Small or medium-scale focused research project
- PN II 31062/18.09.2007 „ Advanced automatic control effluent quality from intensive aquaculture recirculating systems" - ACVACON
- International Project PNCDI 2 „Capacitati", M3, proiect nr. 303/21.04.2009: "Information transmission and fusion technologies for fishery safety traceability" – cooperare bilaterala China <http://www.ancs.ro/index.php?action=view&idcat=447>
- Firm collaboration agreement nr. 10099/14.04.2009 „Studies and research support for the foundation and ensuring sustainable development of the fisheries sector in Romania"
- PN II 52-176/2008 „ Research on methods for estimating fish biomass in the fishery landscaped areas - MASPEST, 2008-2011
- PN II 52-150/2008 „ Organic salmonid aquaculture development in recirculating systems biosecurizate" - SALMOTECH, 2008-2011
- PN II 62-093/2008 „Ensuring biosafety intensive aquaculture recirculating systems using probiotics" - PROBIOACVA, 2008-2011
- PN II 52-171/2008 „Optimization of technological processes through the introduction of aquaculture systems and methods for automated feeding and water quality monitoring in order to fit the requirements of EU environmental quality and aquaculture products" - UPGRADEACVA, 2008-2011
- PN II 51-096/2007 „Creating and optimizing a technology intensive perch in water recirculating systems" - SANDERTECH, 2007-2010

- Program PNCDI 2 „Partnerships”, project no. 51-071/2007 " Evaluation of production conditions in the Romanian Aquaculture farms in addressing food safety system principles HACCP" – CIPRINAQUASIG
- Program PNCDI 2 „ Partnerships”, project no. 52-170 " Development and implementation of technology intensive growth of *Oreochromis niloticus* species (tilapia) in order to introduce them in aquaculture in Romania" – TEHTIL
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## Publications

- Nicolae Onea, Peggy Zinke, Tudor Ionescu, Daniela Gheorghe, Anders Foldvik, Jan Ove Gjershaug, Muriel Brückner, Jochen Aberle, Florin Nedelcu. - HYDROLOGICAL AND ECOLOGICAL INVESTIGATIONS FOR THE RESTORATION OF THE ECOSYSTEM COMPLEX OF FUNDU MARE ISLAND . (J. Wetlands Biodiversity (2017) 7: 131-161)
- **Ionescu T.**, Mihalache I., Hont S., Bushuiev S., Chashchin A., Memis D., Komakidze G., Paraschiv M., Iani M., Suci R., Birsan I., Cristea V. - Distribution in the Black Sea of beluga sturgeon (*Huso huso*), Russian sturgeon (*Acipenser gueldenstaedti*) and stellate sturgeon (*A. stellatus*) stocked experimentally in the Lower Danube River . (J. of Applied Ichthyology-In curs de evaluare)
- **Ionescu T.**, Hont S. Mihalache I., Bushuiev S., Chashchin A., Paraschiv M., Bichescu C., Suci R., Cristea V. Feeding and growth of beluga sturgeons (*Huso huso*) stocked experimentally in the Lower Danube River. (Turkish Journal of Fisheries and Aquaculture Sciences-In curs de evaluare)
- **Ionescu T.**, Hont S. Mihalache I., Bushuiev S., Chashchin A., Memis D., Paraschiv M., Iani M., Suci R., Cristea V. Feeding and growth of Russian sturgeons (*Acipenser gueldenstaedti*) stocked experimentally in the Lower Danube River. (Turkish Journal of Fisheries and Aquaculture Sciences-In curs de evaluare)
- Onara D., Holostenco D., Cretu M., **Ionescu T.**, Bushuiev S., Chashchin A., Komakidze G., Suci R. Cristea V. – Genetic diversity of stocked and wild beluga sturgeon (*Huso huso*), Russian sturgeon (*Acipenser gueldenstaedti*) and stellate sturgeon (*A. stellatus*) in the Black Sea coastal waters. (Turkish Journal of Fisheries and Aquaculture Sciences-In curs de evaluare)
- Lenhardt<sup>1</sup>, M., Sandu<sup>2</sup>, C, **Ionescu<sup>3</sup>, T.**, Tošić<sup>4</sup>, K. and Suci<sup>5</sup>, R., Collective Edition ICBS Xenophon Paper "Science, Technology & Innovation in the Black Sea: Moving Forward Sturgeons as a Common Natural Resource for Black Sea and Lower Danube countries".
- C. Sion L. Oprea V. Cristea N. Patriche P.G. Calin G.M. Bacanu E. Bocioc I. Enache **T. Ionescu**, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, 12(3), 1083-1088 Influence of stocking density on the growth of the sterlet (*Acipenser ruthenus* Linnaeus, 1758) in a recirculating aquaculture system.
- M. Barbu **T. Ionescu** G. IFRIM· S. Caraman V. Cristea E. Ceanga, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, 13(1), 39-47, Results regarding the water quality control in recirculating aquaculture systems.
- SERGIU CARAMAN, MARIAN BARBU, **TUDOR IONESCU**, GEORGE IFRIM, VICTOR CRISTEA, EMIL CEANGĂ, AACL Bioflux, 2011, Volume 4(2):146-153. AQUACULTURE SCIENTIFIC SYMPOSIUM ACVAPEDIA - ", Third Edition, 2010 . "The analysis of the dynamic properties of the wastewater treatment processv in a recirculating aquaculture system"
- **I. Enache.V. Criste, T. I. Ionescu, S. Ion**, AACL BIOFLUX 4(2):146-153, 2011 · The influence of stocking density on the growth of common carp, *Cyprinus carpio*, in a recirculating aquaculture;
- Mirela Cretu V. Cristea Lorena Dediu Angelica Docan **T. Ionescu**, DECEMBER 2011 THE INFLUENCE OF DIFFERENT STOCKING DENSITIES ON GROWTH PERFORMANCES OF ONCORHYNCHUS MYKISS (WALBAUM, 1792) IN A RECIRCULATING AQUACULTURE SYSTEM
- **Tudor IONESCU**, Victor CRISTEA, Ion VASILEAN, Iulia GRECU, Elena BOCIOC, Ionica ENACHE, The Sustainable Management Of The Water Resources In The Balkan Area, Galati, 2010, „Influence of feeding frequency on growth of juvenile carp in an intensive aquaculture recirculating system
- Cristian SAVIN, Victor CRISTEA, Marilena TALPES, **Tudor IONESCU**, Romanian Biotechnological Letters Vol. 15, No. 4, 2013. „AMMONIA CONTROL FROM THE INTENSIVE STURGEON AQUACULTURE".
- Sandita PLACINTA, Victor CRISTEA, Elena BOCIOC, **Tudor IONESCU**, Ionica ENACHE, Marian COADA, Journal of Environmental Protection and Ecology, ISSN13115065, Online ISSN,

„Monitoring the water quality in the aquaculture recirculating system”

**Memberships** Active member of the International Organization World Sturgeon Conservation Society-W.S.C.S.

- Conferences**
- Participant at the 8<sup>th</sup> International Symposium on Sturgeons September 10<sup>th</sup> - 16<sup>th</sup>, 2017 - Vienna/Austria
  - Organizer and Chair at the International Symposium on **WETLANDS ECOLOGICAL RESTORATION (WER)** which be held in Brăila, Romania, during 18 - 21 of October 2016, organized by Dunărea de Jos University of Galați – Engineering and Agronomy Faculty of Brăila
  - Participant at the *Regional Conference Towards Enhanced Cooperation on Black Sea Fisheries and Aquaculture*, to be held in Le Diplomate Ballroom of the Athenée Palace Hilton of Bucharest, Romania on 24 and 25 October 2016
  - Participation at the International Conference "Post-release monitoring strategies in sturgeon restoration programs" & World Sturgeon Conservation Society General Assembly" 6th April 2016, Bordeaux
  - Organizer of the International Conference "Final workshop of the pilot project on evaluation of experimental stocking of the Danube River with young sturgeons from critically endangered species" , Galați, 7-11 September 2015
  - Organizer of the International Conference " Workshop on detecting presence and distribution of young sturgeons in the Black Sea coastal waters" Galați, 8-10 Aprilie 2014
  - Participant at the International Conference " Conservation strategy sturgeon in the Danube and Black Sea", Bucharest, 17-18 november 2015
  - Participant at the International Conference " Iron Gate Fish Passes and Restoration of Anadromous Sturgeon Populations in the Middle Danube River", Tulcea 19-23 October 2016
  - Participant at the International Conference "FAO Fish Tagging and Monitoring Workshop - Lower Danube " , Tulcea, 21 -25 May 2015