

1. Personal information:

Name and surname: ȘTEFAN MIHAI PETREA

Data and birth place: December 28, 1986, Braila, Romania.

Education and training: Dipl.-Accounting and Management Information Systems (2008); Dipl.-Industrial engineering (2009); Master's Degree in Management in Public Administration (2010); Master's Degree in Aquatic Bio-Resources Science and Engineering (2011); PhD in industrial engineering (2014), Title of the PhD Thesis - ; Training research stage at CORNELL UNIVERSITY, Ithaca, NY, U.S.A (2015); Dipl.-Navigation, maritime and fluvial transport (2016).

Current position: *Researcher*, Department of Aquaculture, Environmental Science and Cadaster and Engineering, Food Science Faculty, "Dunarea de Jos" University of Galati, Romania.

2. Professional experience in the project's field

- Over 40 papers elaborated as first or co-author, published in referred ISI or IDB journals (*Agriculture And Agricultural Science Procedia A Elsevier; Environmental Engineering And Management Journal; Romanian Biotechnological Letters, Journal Issue; IBIMA Proceedings; Scientific Papers: Animal Science And Biotechnologies; Scientific Papers: Animal Science Series; etc.*)
- More than 12 independent citations in scientific papers and books.
- Research and documentation stages: Horizon 2020; Cornell University – Ithaca, NY, USA; „Recep Tayyip Erdogan” University of Rize - Turkey

3. Five important results in the project's field:

Ștefan Mihai Petrea, Marian Tiberiu Coadă, Victor Cristea, Lorena Dediu, Dragos Cristea, Adrian Turek Rahoveanu, Adrian Gheorghe Zugravu, Maria Magdalena Turek Rahoveanu, Dorina Nicoleta Mocuta, *A Comparative Cost – Effectiveness Analysis In Different Tested Aquaponic Systems; AGRICULTURE AND AGRICULTURAL SCIENCE PROCEDIA A ELSEVIER, 2016, ISSN: 2210-7843, (in press).*

Ira Adeline Simionov, Victor Cristea, **Ștefan Mihai Petrea**, Elena Bocioc, *An Evaluation Of Heavy Metals Concentration In Fish Meat From Black Sea Coastal Area: An Overview; ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 2016, Print ISSN: 1582-9596, eISSN: 1843-3707, (in press).*

Alexandru Cristian Bandi, Victor Cristea, Lorena Dediu, **Ștefan Mihai Petrea**, Mirela Cretu, Adrian Turek Rahoveanu, Adrian Gheorghe Zugravu, Maria Magdalena Turek Rahoveanu, Dorina Nicoleta Mocuta, Ionica Soare; *The Review Of Existing And In -Progress Technologies Of The Different Subsystems Required For The Structural And Functional Elements Of The Model Of Multi -Purpose Aquaponic Production System, Romanian Biotechnological Letters, Journal Issue: 5, 8583 - 8586, 2016, ISSN: 1224 - 5984, (in press).*

Petrea Șt. M., Cristea V., Dediu L., Liu F., Contoman M., Lupoae P., Antache A., Bandi A. C.; *A study of nitrogen dynamics in an integrated stellate sturgeon and spinach aquaponic system with different crop densities; Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. ANIMAL SCIENCE AND BIOTECHNOLOGIES Vol. 71(2), 2014, p:219-226.*

Marian Tiberiu Coadă, **Ștefan Mihai Petrea**, Victor Cristea, Lorena Dediu, Cristian Bandi, Magdalena Turek-Rahoveanu, Adrian Gheorghe Zugravu, Adrian Turek Rahoveanu and Dorina Nicoleta Mocuta, *Water Quality In Aquaponic Integrated Systems: An Overview Of The Literature; IBIMA Proceedings, International Business Information Management Conference (27th IBIMA) 27 th IBIMA Conference 4 – 5 May 2016, Milan, Italy, ISBN: 978-0-9860419-6-9, (in press).*