



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **Gabriel, Ionuț, PLAVAN**
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E-mail safe2006@yahoo.com, gabriel.plavan@uaic.ro
Nationality Romanian
Date and place of birth 20.06.1981, Botosani
Gender Male

Work experience

Period	2015 – Present
Occupation or position held	Lecturer
Main activities and responsibilities	Courses, practical works and seminars
Name and address of employer	Al. I. Cuza” University of Iasi, Faculty of Biology, Bd. Carol I, No.11, 700506, Romania
Type of business or sector	Teaching and research activity
Period	2011 – 2015
Occupation or position held	Assistant professor
Main activities and responsibilities	Practical works, seminars
Name and address of employer	Al. I. Cuza” University of Iasi, Faculty of Biology, Bd. Carol I, No.11, 700506, Romania
Type of business or sector	Teaching and research activity
Period	2007 – 2011
Occupation or position held	Preparatory
Main activities and responsibilities	Practical works, seminars
Name and address of employer	”Al. I. Cuza” University of Iasi, Faculty of Biology, Bd. Carol I, No.11, 700506, Romania
Type of business or sector	Teaching and research activity

Education and training

Period	09.04.2013
Title of qualification awarded	Certificate of attendance at the seminar of training, formation and awareness in the project " Study concerning the modalities of national promotion of the EU environmental management and auditing system (EMAS) and encourage voluntary participation of organizations in EMAS, according to the EMAS European legislation and community scheme of EU eco-label award, assumed through European regulation and Council of Europe (CE) nr. 66/2010 from 25 of November 2009 regarding the Eco-label"
Name and type of organisation providing education and training	Ministry of Environment and Climate Change through the Department of Impact Assessment and Pollution Control
Period	13 – 23 February 2012
Title of qualification awarded	Postgraduate Certificate "Analysis and risk control (approaches)"
Name and type of organisation providing education and training	Center for Training and Risk Analysis in Engineering (CeFAIR), "Alexandru Ioan Cuza" University of Iasi
Period	2000 – 2004
Title of qualification awarded	Ecologist
Name and type of organisation providing education and training	"Al. I. Cuza" University of Iasi, Faculty of Biology
Period	July 2003 – September 2003
Title of qualification awarded	Diploma of linguistic competences
Name and type of organisation providing education and training	„Aristotel” University of Thessaloniki, Greece
Period	October 2003 – March 2004
Title of qualification awarded	"Erasmus" Programme
Name and type of organisation providing education and training	„Aristotel” University of Thessaloniki, Greece
Period	2004 - 2006
Title of qualification awarded	Master degree
Name and type of organisation providing education and training	"Al. I. Cuza" University of Iasi, Faculty of Biology, Specialization: Biodiversity and ecosystems productivity
Period	28 May – 5 June 2006
Title of qualification awarded	Certificate of attendance of School of Conservation Biology
Name and type of organisation providing education and training	Institute of Marine Research, Rovinj, Croatia
Period	28 August – 8 September 2006
Title of qualification awarded	Diploma
Name and type of organisation providing education and training	„Limno-ecological Summer School", Potoci, Romania
Period	27 August - 9 September 2007
Title of qualification awarded	Diploma
Name and type of organisation providing education and training	„Limno-ecological Summer School", Konstanz, Germany
Period	08 March 2010 - 26 March 2010
Title of qualification awarded	Certificate
Name and type of organisation providing education and training	Specialization: environmental auditor SC. Euroasia SRL
Period	2004 - 2010

Title of qualification awarded | Doctor in sciences Diploma
Specialization: Ecology and environmental protection

Name and type of organisation providing education and training | "Al. I. Cuza" University of Iasi, Faculty of Biology

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) | **Romanian**

Other language(s)

Self-assessment

European level (*)

English

French

Greek

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experimented user	C2	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
B2	Independent user	C2	Experimented user	B2	Independent user	B1	Independent user	B2	Independent user
B1	Independent user	C1	Experimented user	B1	Independent user	B1	Independent user	B2	Independent user

(*) [Common European Framework of Reference for Languages](#)

SOCIAL SKILLS AND COMPETENCES

Communication skills, sociability, flexibility, spontaneity, sports skills, organizational spirit, ambition, perseverance and adaptability

Organisational skills and competences

Good experience in project and team management
ERASMUS+ Coordinator for the Faculty of Biology since 2012

TECHNICAL ABILITIES AND PROFICIENCIES
Computer skills and competences

Word, Excel, PowerPoint, Quattro Pro, Internet, Corel Draw, Photoshop.
use of laboratory equipment and field equipment

Member of professional associations

Societatea Internațională de Limnologie (SIL)
Societatea de Limnologie (SL)
Societatea Română de Ecologie (SRE)

Other skills and competences

- Master Scuba Diving (NAUI)

- Driving licence: category B
- International Boat Driving Licence: Class D

International activity:

I participated as a teacher in 5 summer schools in the field of aquatic ecology (2 at University of Konstanz – Germany (Limno-Ecological Summers School) and 3 at University Adam Mickiewicz in Poznan – Poland (Ecological state of the lake during restoration measures)); I obtained teaching / research mobilities with topics in the field of hydrobiology, aquatic ecotoxicology and biodiversity conservation at "Firat" University of Elazig (Turkey), Nigde University (Turkey), "Aristotel" University of Thessaloniki (Greece), Agricultural University of Athens (Greece), University of Huelva (Spain), University of Turin (Italy), University of Messina (Italy), Iceland University, Reykjavik (Iceland), Cairo University (Egypt), University of Tirana (Albania,) College of Nyíregyháza (Hungary), "Dzemal Bijedic" University of Mostar (Bosnia and Herzegovina), University of Montenegro (Montenegro) and University of Carthage, Tunisia. I participated to the School of Conservation Biology, Institute of Marine Research, Rovinj, Croatia where were approached elements for biodiversity conservation in protected areas.

Technical skills:

HR-CS GF-AAS; GF-AAS; Flame-AAS; Hydride generator with cold vapour for Hg AAS; HPLC/UPLC; UV/VIS absorbance spectroscopy; Fluorescence microscopy; Multi N/C- carbon and nitrogen analyses (TOC, TIC, TN, TC, NPOC, NPOC+); Analysis of environmental health; Analytical Toxicology and ecotoxicology of metals on biological organisms; Maintenance / optimization / standardization of laboratory equipment; Preparation / optimization of the reagents; Technical Control standardized EU / USEPA quality metal analyzes of samples; Analytical Method Development and data validation and interpretation.

SCIENTIFIC ACTIVITY

Editorial Board Member:

1. Jurnal of Survey in Fisheries Sciences (http://www.sifisheriessciences.com/page.php?slct_pg_id=13&sid=1&slc_lang=en)
2. Limnological Review - The Journal of Polish Limnological Society (<https://content.sciendo.com/view/journals/limre/limre-overview.xml>)

ISI quoted journals referent:

1. Food Chemistry (Elsevier), Impact Factor: 4.946
2. Ecological Indicators (Elsevier), Impact Factor: 3.230
3. Environmental Science and Pollution Research (Springer), Impact Factor: 2,8
4. Human and Ecological Risk Assessment: An International Journal (Taylor & Francis Inc), Impact Factor: 1,508
5. Turkish Journal Of Fisheries and Aquatic Sciences (Central Fisheries Research Inst), Impact Factor: 0,48

ISI quoted journals:

1. **Gabriel PLAVAN**, Mircea NICOARĂ, Nicolae APETROAIEI & Oana PLAVAN, 2012 – THE EFFECTS OF FISH CAGE AQUACULTURE ON THE PROFOUND MACROZOOBENTHOS IN THE OLIGO-MESOTROPHIC RESERVOIR IZVORU MUNTELUI BICAZ (ROMANIA), *Carpathian Journal of Earth and Environmental Sciences*, May 2012, Vol. 7, No. 2, p. 145 – 148
2. Oana Jitar, Carmen Teodosiu, Mircea Nicoara & **Gabriel Plavan**, 2013 – STUDY OF HEAVY METAL POLLUTION AND BIOACCUMULATION IN THE BLACK SEA LIVING ENVIRONMENT, *Journal of Environmental Health Science & Engineering*, Vol. 12, No. 2, 271 – 276, <http://omicron.ch.tuiasi.ro/EEMJ/>
3. Ryszard Goldyn, Beata Messyasz, Piotr Domek, Wilhelm Windhorst, Cindy Hugenschmidt, Mircea Nicoara & **Gabriel Plavan**, 2013 – THE RESPONSE OF LAKE DUROWSKIE ECOSYSTEM TO RESTORATION MEASURES, *Carpathian Journal of Earth and Environmental Sciences*, Vol. 8, No. 3, p. 43 – 48
4. Brandusa Robu, Oana Jitar, Carmen Teodosiu, Stefan-Adrian Strungaru, Mircea Nicoara, **Gabriel Plavan**, 2015 – ENVIRONMENTAL IMPACT AND RISK ASSESSMENT OF THE MAIN POLLUTION SOURCES FROM THE ROMANIAN BLACK SEA COAST, *Environmental Engineering and Management Journal*, Vol.14, No.2, 331-340 (I.F.=1.01; A.I.=0.07-eigenfactor.org)

5. Oana Jitar, Carmen Teodosiu, Andra Oros, **Gabriel Plavan** and Mircea Nicoara, 2015 – BIOACCUMULATION OF HEAVY METALS IN MARINE ORGANISMS FROM THE ROMANIAN SECTOR OF THE BLACK SEA, *New Biotechnology*, Volume 32, Issue 3, 369–378, (5-Year Impact Factor: 2.338)
6. Stefan-Adrian Strungaru, Mircea Nicoara, Oana Jitar, **Gabriel Plavan**, 2015 – INFLUENCE OF URBAN ACTIVITY IN MODIFYING WATER PARAMETERS, CONCENTRATION AND UPTAKE OF HEAVY METALS IN *TYPHA LATIFOLIA* L. INTO A RIVER THAT CROSSES AN INDUSTRIAL CITY, *Journal of Environmental Health Science & Engineering*, 13:5, DOI 10.1186/s40201-015-0161-7 (I.F.=1.64; A.I.=0.27-eigenfactor.org)
7. Fântânariu Mircea, Trincă Lucia Carmen, Solcan Carmen, Trofin Alina, Strungaru Ștefan, Șindilar Eusebiu, **Plăvan Gabriel**, Stanciu Sergiu, 2015 – A NEW FE-MN-SI ALLOPLASTIC BIOMATERIAL AS BONE GRAFTING MATERIAL: IN VIVO STUDY, *Applied Surface Science* (2015), <http://dx.doi.org/10.1016/j.apsusc.2015.04.197>
8. Stefan-Adrian Strungaru, Mircea Nicoara, Oana Jitar, Ioan Moglan, **Gabriel Plavan**. AN OVERVIEW OF THE DEVELOPMENT AND PROGRESS OF WATER SUPPLY AND WASTEWATER TREATMENT IN ROMANIA, Acceptat pentru publicare August 2015 *Environmental Engineering and Management Journal*, ISSN 1582-9596 (I.F.=1.01; A.I.=0.07-eigenfactor.org)
9. **Gabriel Plavan**, Oana Jitar, Carmen Teodosiu, Mircea Nicoara, Dragos Micu & Stefan-Adrian Strungaru, 2017 – TOXIC METALS IN TISSUES OF FISHES FROM THE BLACK SEA AND ASSOCIATED HUMAN HEALTH RISK EXPOSURE, *Environmental Science Pollution Research*, DOI 10.1007/s11356-017-8442-6
10. Marius Andrei Rau, **Gabriel Plavan**, Stefan Adrian Strungaru, Mircea Nicoara, Pablo Rodriguez-Lozano, Alin Miha-Pintilie, Dorel Ureche, Piotr Klimaszuk, 2017 – THE IMPACT OF AMUR SLEEPER (*PERCCOTTUS GLENII* DYBOWSKY, 1877) ON THE RIVERINE ECOSYSTEM: FOOD SELECTIVITY OF AMUR SLEEPER IN A RECENTLY COLONIZED RIVER, *Oceanological and Hydrobiological Studies*, Volume 46, Issue 1, DOI: 10.1515/ohs-2017-0010 (I.F.=0.670, A.I.=0.1-eigenfactor.org)
11. Ioana-Miruna Balmuș, Stefan-Adrian Strungaru, Alin Ciobica, Mircea-Nicuşor Nicoara, Romeo Dobrin, **Gabriel Plavan** and Cristinel Ștefănescu, 2017 – PRELIMINARY DATA ON THE INTERACTION BETWEEN SOME BIOMETALS AND OXIDATIVE STRESS STATUS IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE PATIENTS. *Oxidative Medicine and Cellular Longevity*, Volume 2017, Article ID 7156928, 7 pages, <https://doi.org/10.1155/2017/7156928> (I.F.=4.593; A.I.=0.9-eigenfactor.org)
12. Ioana Miruna Balmus, Stefan Strungaru, Mircea Nicoara, **Gabriel Plavan**, Sabina Ioana Cojocar, Laurentiu Simion, 2017 – PRELIMINARY DATA REGARDING THE EFFECTS OF OXYTOCIN ADMINISTRATION ON THE OXIDATIVE STRESS STATUS OF ZEBRAFISH (*DANIO RERIO*). *REV.CHIM.(Bucharest)*, 68, No.7 (I.F.=1.232; A.I.=0.06-eigenfactor.org)
13. Cristina Preda, Ioana Vasiliu, Laura Mihalache, Ioana Armasu, Ionela Lacramioara Serban, Dragomir Nicolae Serban, Bogdan Stoica, Delia Gabriela Ciobanu, Ovidiu Bredetean, Stefan Adrian Strungaru, Mircea Nicoara, **Gabriel Plavan**, Carmen Vulpoi, 2017 – SELENIUM- ESSENTIAL ANTIOXIDANT ELEMENT THE EXAMPLE OF AUTOIMUNE THYROIDITIS. *REV.CHIM.(Bucharest)*, 68, No.7 (I.F.=1.232; A.I.=0.06-eigenfactor.org)
14. Stefan-Adrian Strungaru, Mircea Nicoara, Carmen Teodosiu, Dragos Micu, **Gabriel Plavan**, 2017 – TOXIC METALS BIOMONITORING BASED ON PREY-PREDATOR INTERACTIONS AND ENVIRONMENTAL FORENSICS TECHNIQUES: A STUDY AT THE ROMANIAN-UKRAINE CROSS BORDER OF THE BLACK SEA. *Marine Pollution Bulletin*, <https://doi.org/10.1016/j.marpolbul.2017.07.052> (I.F.=3.146; A.I.=0.75-eigenfactor.org)
15. Strungaru, SA; Nicoara, M; Teodosiu, C; Baltag, E ; Ciobanu, C; **Plavan, G**, 2018 – PATTERNS OF TOXIC METALS BIOACCUMULATION IN A CROSS-BORDER FRESHWATER RESERVOIR, *Chemosphere*, 207:192-202; DOI: 10.1016/j.chemosphere.2018.05.079 (IF 4,427)
16. Anastasescu, C; Preda, S; Rusu, A; Culita, D; **Plavan, G**; Strungaru, S; Calderon-Moreno, JM; Munteanu, C; Gifu, C; Enache, M; Socoteanu, R; Angelescu, D; Anastasescu, M ; Gartner, M; Balint, I ; Zaharescu, M, 2018 – TUBULAR AND SPHERICAL SIO₂ OBTAINED BY SOL GEL METHOD FOR LIPASE IMMOBILIZATION AND ENZYMIC ACTIVITY; *Molecules*, 23 (6), DOI: 10.3390/molecules23061362 (IF 3,098)
17. Strungaru, SA; Robea, MA; **Plavan, G**; Todirascu-Ciornea, E; Ciobica, A; Nicoara, M, 2018 – ACUTE EXPOSURE TO METHYLMERCURY CHLORIDE INDUCES FAST CHANGES IN SWIMMING PERFORMANCE, COGNITIVE PROCESSES AND OXIDATIVE STRESS OF ZEBRAFISH (*DANIO RERIO*) AS REFERENCE MODEL FOR FISH COMMUNITY; *Journal of Trace Elements in Medicine and Biology*, 47:115-123, DOI: 10.1016/j.jtemb.2018.01.019 (IF 3,755)
18. Strungaru, SA; **Plavan, G**; Ciobica, A; Nicoara, M; Robea, MA; Solcan, C; Todirascu-Ciornea, E; Petrovici, A, 2018 – ACUTE EXPOSURE TO GOLD INDUCES FAST CHANGES IN SOCIAL BEHAVIOR AND OXIDATIVE STRESS OF ZEBRAFISH (*DANIO RERIO*); *Journal of Trace Elements in Medicine and Biology*, 50:249-256, DOI: 10.1016/j.jtemb.2018.07.013 (IF 3,755)
19. Stefan-Adrian STRUNGARU, Mircea NICOARA, Antoneta Dacia PETROAIE and **Gabriel PLAVAN**, 2018 – HEAVY METALS IN COMMON TOBACCO BRANDS FROM LEGAL MARKET AND BLACK MARKET OF IAȘI – ROUMANIA; *Revue Roumaine de Chimie*; 63(10), 903-909, (IF 0,37)
20. Strungaru, SA; Jijie, R; Nicoara, M; **Plavan, G**; Faggio, C, 2019 – MICRO- (NANO) PLASTICS IN FRESHWATER ECOSYSTEMS: ABUNDANCE, TOXICOLOGICAL IMPACT AND QUANTIFICATION METHODOLOGY; *TRAC-Trends in Analytical Chemistry*, 110:116-128; DOI: 10.1016/j.trac.2018.10.025 (IF 7,03)

BDI quoted journals:

1. **Gabriel Ionut Plavan**, Francisc Simalcsik, Ionel Miron, 2005 – THE INFLUENCE OF RAINBOW TROUT (*ONCORHYNCHUS MYKISS*) AQUACULTURE IN IZVORUL MUNTELUI – BICAZ RESERVOIR ON BENTHIC MACROINVERTEBRATE COMMUNITY STRUCTURE, *Studii si cercetari*, Bacau, vol. 10, 79 – 81

2. Andreea Nicoara, Mircea Nicoara, Mihai Erhan, **Gabriel Plavan**, 2005 – FEEDING HABITS IN RANA ESCULENTA COMPLEX, *Studii si cercetari*, Bacau, vol. 10, 101 – 103
3. **Gabriel Ionuț Plavan**, Francisc Simalcsik, Ionel Miron, 2007 – CONTRIBUTION TO THE STUDY OF THE MACROZOOBENTHOS OF THE IZVORU MUNTELUI – BICAZ RESERVOIR (ROMANIA), *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LIII: 21 – 27
4. M. Nicoară, D. Ureche, **G. Plăvan**, M. Erhan, 2007 – COMPARATIVE ANALYSES OF THE FOOD SPECTRA OF THE FISH POPULATIONS LIVING IN THE RIVERS OITUZ AND CASIN, *Analele Științifice ale Universității „Al. I. Cuza” din Iași*, 87 – 93, **CNCSIS categoria B, Indexată BDI (ISI Master Journal List) ISSN: 1224-581X**
5. Grigore Păstorel, Mircea Nicoară, **Gabriel Plavan**, 2009 – STRUCTURE OF THE BENTHIC MACROINVERTEBRATES' COMMUNITY FROM THE RESERVOIR CHIRIȚA – IASI, IN THE YEAR 2007, *Studii și cercetări*, Biologie, 17, Universitatea din Bacău, 27 – 31
6. Grigore Păstorel, Mircea Nicoară, **Gabriel Plavan**, 2009 – THE PHYSICO – CHEMICAL FACTORS INFLUENCING THE BENTHIC FAUNA DYNAMICS IN THE RESERVOIR CHIRIȚA – IASI, *Studii și cercetări*, Biologie, 17, Universitatea din Bacău, 27 – 31
7. Mircea Nicoară, Mihai Erhan, **Gabriel Plăvan**, Ion Cojocaru, Ana Davideanu, Andreea Nicoară, 2009 – THE ECOLOGICAL COMPLEX ROLE OF THE MACROINVERTEBRATE FAUNA FROM THE RIVER CIRIC (IAȘI, ROMÂNIA), *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LV, 125 – 132
8. Mircea Nicoară, Adrian Mareș, **Gabriel Plăvan**, 2009 – INFLUENCE OF THE OIL POLLUTION UPON MACROINVERTEBRATES DYNAMICS IN THE RIVER BARCĂU (BIHOR COUNTY), *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LV, 125 – 132
9. **Gabriel Plavan**, 2010 – STUDIES ON THE DISTRIBUTION AND BIOMASS OF CHIRONOMIDS FROM IZVORU MUNTELUI – BICAZ RESERVOIR, *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LVI, 35 – 43
10. Ureche D., Ureche C., Nicoara M., **Plavan G.**, 2010 – THE ROLE OF MACROINVERTEBRATES IN DIETS OF FISH IN RIVER DAMBOVITA, ROMANIA, *Verh. Internat. Verein. Limnol.*, vol. 30, Part 10, p. 1582 – 1586, Stuttgart
11. **Gabriel Plăvan**, Mircea Nicoară, 2012 - STUDIES ON THE DISTRIBUTION AND BIOMASS OF THE OLIGOCHAETES (ANNELIDA) FROM THE IZVORU MUNTELUI-BICAZ RESERVOIR, *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LVIII, 8 – 12
12. Ștefan-Adrian Strungaru, Oana Jitar, **Gabriel Plăvan**, Mircea Nicoară, 2012 – LEAD ACCUMULATION IN THE BODIES OF RANA TADPOLES (ANURA: RANIDAE), *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LVIII, 93 – 98
13. Nicoară Mircea and **Plavan Gabriel**, 2013 – ENVIRONMENTAL ASSESSMENT OF RIVER TROTUȘ, IN THE TÂRGU OCNA-ONEȘTI AREA, BASED ON BENTHIC MACROINVERTEBRATES COMMUNITIES, *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. nouă, Proceedings of the International Scientific Conference The anthropogenic impact upon Black Sea Region Biodiversity*, 119 – 125
14. Marius Andrei RĂU, **Gabriel PLĂVAN**, Ștefan Adrian STRUNGARU and Mircea NICOARĂ, 2014 – STUDY OF MACROINVERTEBRATE DIVERSITY AND SEASONAL DYNAMICS FROM BĂDĂRĂU LAKE – IAȘI, ROMANIA, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LX, 35 – 46
15. Ștefan-Adrian STRUNGARU, **Gabriel PLĂVAN**, Marius Andrei RĂU and Mircea NICOARĂ, 2014 – A SHORT OVERVIEW FOCUSED ON INVERTEBRATE AND VERTEBRATE BIOINDICATORS FOR FRESHWATER ENVIRONMENTS CONTAMINATED WITH HEAVY METALS, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LX, 121 – 127
16. Ioana Vasiliu, Cristina Preda, Ionela Lăcrămioara Serban, D. N. Serban, S. A. Strungaru, M. Nicoară, **G. Plăvan**, B. Stoica, Delia Gabriela Ciobanu, O. Bredețean, Carmen Vulpoi, 2015 – SELENIUM STATUS IN AUTOIMMUNE THYROIDITIS, *Revista medico-chirurgicala a Societății de Medici si Naturalisti din Iasi*-vol.119, no.4, ISSN-0300-8738
17. Gabriel Plavan, Ciobica Alin, Mircea Nicoara, Daniel Timofte, 2015 – THE BIOMATERIAL RELEVANCE OF OXYTOCIN IN SOME ZEBRAFISH STUDIES, *Key Engineering Materials* Vol. 660, Trans Tech Publications, Switzerland, pp 289-293, doi:10.4028/www.scientific.net/KEM.660.289
18. Ștefan-Adrian STRUNGARU, Marius Andrei RĂU, Mircea NICOARĂ, **Gabriel PLĂVAN** and Dragoș Micu, 2015 – DO YOU LIKE TO EAT FISH? – AN OVERVIEW OF THE BENEFITS OF FISH CONSUMPTION AND RISK OF MERCURY POISONING, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LXI, 117-123
19. Nicoara M., Zubcov E., Bagrin N., Borodin N., Strungaru S.A., Jurminscaia O., **Gabriel Plavan**, 2015 – EVALUATION OF ENVIRONMENTAL IMPACT AND RISK IN PRUT RIVER USING FIVE INDICATORS (CBO₅, CCO-CR, SO₄²⁻, NO₂, NO₃), *Journal of Survey in Fisheries Sciences*, 1(2)1-10 ISSN:2368-7487
20. Marius Andrei RĂU, **Gabriel PLĂVAN**, Ștefan-Adrian STRUNGARU, Mircea NICOARĂ, Ioan MOGLAN and Dorel URECHE, 2015 – FEEDING ECOLOGY OF TWO SYMPATRIC FISH SPECIES IN A RIVER ECOSYSTEM, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LXI, 11-18
21. Strungaru S.A., **Gabriel Plavan**, Nicoara M., 2016 – A SHORT OVERVIEW ABOUT CADMIUM AND ITS TOXICITY FOCUSED ON HUMANS, BIOINDICATORS AND MODEL ORGANISMS, *Journal of Survey in Fisheries Sciences* 2(2)1-15
22. Mădălina-Andreea ROBEA, Mircea NICOARĂ, **Gabriel PLĂVAN**, Alin CIOBÎCĂ and Ștefan-Adrian STRUNGARU, 2017 – AN OVERVIEW ON TOXICOLOGICAL EFFECTS OF PYRETHROID INSECTICIDE DELTAMETHRIN; *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, 63: 97-104
23. Ștefan-Adrian STRUNGARU, Diana Mihaela ANGHELUS, Mircea NICOARĂ, **Gabriel PLĂVAN**, Madalina Andreea ROBEA, Corneliu GORBAN and Cristiana-Elena VLAD, 2017 – AN OVERVIEW FOCUSED ON TOXICOLOGICAL EFFECTS OF THE NEONICOTINOID INSECTICIDE IMIDACLOPRID; *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, 63: 91-96
24. Alexandra SĂVUCĂ, Ștefan-Adrian STRUNGARU, Mircea NICOARĂ and **Gabriel PLĂVAN**, 2017 – A STUDY REGARDING THE POLLUTION OF SEDIMENTS FROM ROMANIAN BLACK SEA COAST WITH MICROPLASTIC FIBERS; *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, 63: 85-90
25. Robea M.A., Nicoara M., **Plavan G.**, Strugaru S.A., Ciobica A., 2018 – FIPRONIL: MECHANISMS OF ACTION ON VARIOUS ORGANISMS AND FUTURE RELEVANCE FOR ANIMAL MODELS STUDIES; *Journal of Survey in Fisheries Sciences*, 5(1) 20-31, DOI: 10.18331/SFS2018.5.1.3

In other journals:

1. **Plăvan G.**, Simalcsik F., 2007 – THE PRIORITY OF BIOMONITORING IN NATURAL AQUATIC RESOURCES QUALITY MANAGEMENT, *Acta Musei Tutovens*, nr. 3: 199 - 204, Bârlad, ISSN – 1842 – 2373
2. Grigore P., **Plăvan G.**, Aoncioaie C., 2007 – AQUATIC AND MARSHY MACROPHYTES IN THE ECOSYSTEM OF LAKE CHIRIȚA IAȘI, *Acta Musei Tutovens*, nr. 3: 217 - 222, Bârlad, ISSN – 1842 – 2373

In conferences volumes:

1. Darabă Oana-Maria, **Plăvan Gabriel Ionuț**, Ghețeu Diana, 2007 – Fish community and food availability in Izvoru Muntelui-Bicaz Lake and Izvoru Alb River, Conference proceedings, Environment – Natural Sciences – Food Industry, 1 St Edition, Baia Mare

Research Grants

- External founds:

- Member:

1. PROJET ESTROM-POP (EPFL-ROUMANIE) IASI, Chemical, Biological and Ecotoxicological Assesment of the Bahlui River, in the North-Eastern Roumania. Case study: Pesticides and Persistent Organic Pollutants (POPS)
2. MIS ETC 1150/07.05.2012 "Centru pilot de resurse pentru acțiunea transfrontalieră de conservare a biodiversității acvatice a Râului Prut" finanțat prin Programul Operational Comun Romania-Ucraina-Republica Moldova 2007-2013
3. CommScie Post Doctoral School of Studies and Research, POSDRU/159/1.5/S/133652, "Alexandru Ioan Cuza" University of Iasi, Title: Attestation of bioaccumulation and bioamplification of heavy metals in aquatic food chains
4. Project COST (European Cooperation in Science and Technology – CA 16224 – European Raptor Biomonitoring Facility (<https://erbfacility.eu/>))

- Internal founds:

- Manager:

1. Grant TD – 471/ 2007: The influence of salmonids aquaculture on benthic macroinvertebrates communities in Izvoru Muntelui – Bicaz reservoir
2. Grant for young researchers of the "Alexandru Ioan Cuza" University of Iasi (GI-2015-11): Assessing the risks and benefits of fish consumption marketed in Iași, based on the highly toxic metals (Hg, Cd, As and Pb) and those beneficial to the human health (Fe, Mn, Zn and Se)

- Member:

1. Grant CEEEX 634: Center of expertise for evaluating sustainable ecosystems (CEXDUREC). Case study: Peri-urban terrestrial and aquatic ecosystems from the basin of Ciric River, northern of the city of Iasi
2. Grant CEEEX M II /2006-2008: Evaluation of poluosensitivity of some bioindicators of water quality by the morpho- histological characteristics
3. Grant CEEEX-M4-C2-4174/2006-2008: Expansion of Potoci Aquatic Ecology and Aquaculture Laboratory for the Assessment of Pollution Level in the Water of Mountain Lakes Due to Salmonids Aquaculture in Floating Farms, in accordance with the Water Framework Directive 60/2000 EEC
4. Natura 2000 - "Biodiversity conservation in Natura 2000 site Rarău-Giumalău through an integrated and participatory management"

5. „Future Imobiliare” SRL – „Identification of suitable habitats for species of amphibians and reptiles and their relocation (moving) from Venetia area in those habitats”
6. Natura 2000 - „Management plans for Natura 2000 sites: ROSPA0049, ROSCI0391, ROSCI0255” - Scientific study of inventory and evaluation of the current state of conservation of species *Unio crassus* and developing of plans and protocols of species monitoring from Natura 2000 site: ROSCI0391 Siretul Mijlociu – Bucecea
7. Grant PN-II-RU-TE-2014-4-1886 (No.: 120 of 01/10/2015) - Complex study of on relevant administration of oxytocin in some animal models of neuropsychiatric disorders
8. Project (26 PCCDI/1.03.2018) “Integrated and sustainable processes for environmental decontamination, wastewater reuse and waste recovery”, acronim SUSTENVPRO
9. The financing contract no. 64/26.05.2017 “Elaboration of Management Plans for Protected Areas ROSPA0109 Belcești Accumulations, ROSCI0222 Lower Jijia, Prut, ROSPA0042 Plants of Jijia and Miletin and 2.553. Balta Teiva Visina”

Date: 12.02.2019

Signature

