



**Europass**  
Curriculum Vitae

### Personal information

#### First name(s) / Surname(s)

**MIRCEA - NICUSOR NICOARA**

Address(es)

Iasi, Str. Prof. Eduard Caudella, 38 B.

Telephone(s)

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E-mail

mirmag@uaic.ro/ mirmag\_02@yahoo.com

Nationality

Romanian

Date and place of birth

May 18, 1962, Sighet town, Maramures county

Gender

Male

### Work experience

- Dates 1991 - present
- Name and address of employer "Alexandru Ioan Cuza" University of Iasi - Faculty of Biology, Department of Biology, Laboratory of Hydrobiology  
Bd. Carol I, 23A, 700505, Iasi  
qualification by Bachelor degree – biologist
- Type of business or sector Teaching and research activity
- Occupation or position held 2009-present, professor, Laboratory of Hydrobiology, Faculty of Biology, "Alexandru Ioan Cuza" Univ. of Iasi  
2004-2009 – reader/associate professor, Laboratory of Hydrobiology, Faculty of Biology, "Alexandru Ioan Cuza" Univ. of Iasi  
1996-2004 – lecturer, Laboratory of Hydrobiology, Faculty of Biology, "Alexandru Ioan Cuza" Univ. of Iasi  
1991-1996 – teaching assistant, Laboratory of Hydrobiology, Faculty of Biology, "Alexandru Ioan Cuza" Univ. of Iasi  
1991, research assistant in Palaeoanthropology, Institute of Trachology Bucharest  
1988-1991, Biology teacher: Roman (Neamt), Suceava

• Main activities and responsibilities

**TEACHING ACTIVITY: 1991 – present** Faculty of Biology:

**Disciplines taught** (Bachelor and Masters): Environmental Monitoring, Environmental Legislation and Policies, Biodiversity and productivity of the aquatic environments, Aquatic resources, Nature conservation, Anthropology, Hydrobiology, Marine biology, Aquaculture

**Biological field trips/applications:** Aquatic ecology, Marine biology

**Teaching practice:** years of study III and IV

**FIELDS OF EXPERTISE:** Aquatic ecology and toxicology: – Ecology of benthic communities and diversity of aquatic macroinvertebrates; Nature conservation in protected areas, wetlands especially.

**PARTICIPATION IN RESEARCH CONTRACTS AND PROGRAMMES:**

**a. COLABORATOR**

- Grant 41 - **MEN**, *COMPLEX STUDY OF THE MOLDOVIAN PROTECTED AREAS AND THEIR ACTUAL SITUATION*

- Grant 4011 - **MEN**, *RESEARCHES REGARDING THE KNOWLEDGE OF THE BIODIVERSITY FROM THE PRUT RIVER BASIN*

- Grant 15 - **MEN**, *RESEARCHES REGARDING THE CONCENTRATION OF SOME RADIO ISOTOPES THROUGHOUT THE FOOD CHAINS CHARACTERISTIC TO BLACK SEA BIOCOENOSES IN THE AREA AGIGEA - EFORIE*

- Grant 717 - **MCT**, *DYNAMICS OF THE MAIN POPULATIONS OF HYDROBIONTS AS POSSIBLE FOOD RESOURCES IN THE AREA AGIGEA - EFORIE, UNDER THE INFLUENCE OF THE CANAL DANUBE-BLACK SEA AND OF PORT AGIGEA*

- *ACADEMIC EDUCATION, PROMOTOR OF AN ECOLOGIC THAUGHT AND SYSTEM*, 1995, Funded by Open Society Foundation (SOROS)

- *BIODIVERSITY STUDY OF THE RAZIM-SINOE LAGOON AND BLACK SEA'S SHORE (FROM PORTITA TO PERIBOINA)*, 1995-1996, coordinator, University of Southampton, U.K.

- Project **Phare** for *DEMOCRACY DEVELOPMENT BY ENVIRONMENTAL EDUCATION*, 1998-1999, lecturer at CET Moldavia Pascani

- Proiect European Commun **TEMPUS** - 39628 - **MEN**, *QUALITE DANS L'ENSEIGNEMENT INTERDISCIPLINAIRE SUR L'ENVIRONNEMENT*

- Project **Phare** *CENTRES FOR EUROPEAN STUDIES IN ROMANIA*, UE-Romania (RO 9706-01-02), 2000

- Project **ESTROM** *PERSISTENT ORGANIC POLLUTANTS IN RIVER BAHUI*, University of Lausanne, Switzerland, 2004

- Project **CEEX** *CENTRE FOR SUSTAINABLE EXPLOITATION OF ECOSYSTEMS (CEXDUREC)*, 2005-2008

- Project **CEEX** 4174, module IV *EXTENSION OF THE LABORATORY FOR AQUATIC ECOLOGY AND AQUACULTURE POTOCI FOR ASSESSEMENT OF WATER POLUTION IN THE MOUNTAIN LAKES INDUCED BY TROUT FLOATING CAGES, ACCORDING TO WATER FRAMEWORK DIRECTIVE 60/2000CEE*, 2006-2008

- Project SOP-HUMAN RESOURCES DEVELOPMENT/89/1.5/S/63663 - *TRANSNATIONAL NETWORK FOR THE INTEGRATE MANAGEMENT OF THE POSTDOCTORAL RESEARCH IN THE FIELD OF SCIENCE COMMUNICATION (COMMSCIE)* 2011-2012

- Project SMIS:7039 *INTEGRATE MANAGEMENT OF THE THE NATURE 2000 MARINE SITES (SCI) NETWORK FROM THE ROMANIAN SHORE*, funded by SOP-ENVIRONMENT, 2011-2013

- Project SMIS-CSNR 36364 *DEVELOPMENT OF THE MANAGEMENT IN THE SITES NATURE 2000: DEALUL LUI DUMNEZEU, AND PADUREA SI PAJISTILE DE LA MARZESTI – IASI COUNTY*, funded by SOP-ENVIRONMENT, 2012-2013

- Project *SUSTAINABLE MANAGEMENT FOR THE SITE NATURE 2000: ROSCI0080 FÂNAȚURILE DE LA GLODENI*, funded by SOP-ENVIRONMENT, 2013

- Project *BIODIVERSITY CONSERVATION IN THE SITE NATURE 2000 RARAU-GIUMALAU BY AN INTEGRATE AND PARTICIPATORY MANAGEMENT*, 2015

- Project „*PLANS FOR THE MANAGEMENT OF THE SITES NATURE 2000: ROSCI0255, ROSCI0391, ROSPA0049*”, funded by SOP-ENVIRONMENT 2007-2013, cofunded by European Fund for Regional Development, 2015

- Project *EUROPEAN RAPTOR BIOMONITORING FACILITY (ERBFacility)* (Action COST CA 16224), 2017-2018, funded by International Programme COST.

**b. COORDINATOR OF RESEARCH CONTRACTS AND PROGRAMMES**

- Project **MATRA** RO/97/04: *SCIENCE SHOPS IN ROMANIAN MOLDAVIA* - the Netherlands Ministry for External Affairs 1999-2001

- Project "VLADENI 2000" - *BIOLOGICAL CONSERVATION IN THE WETLAND LARGA JIJA-VLADENI AREA (IASI COUNTY, ROMANIA)* - **British Petroleum Environmental Programme**

- Project **MATRA** *PROBLEM-BASED LEARNING THROUGH SCIENCE SHOPS IN ROMANIA* - the Netherlands Ministry of Foreign Affairs DZO-UM/1299/2002, 2002-2005
- *LABORATORY FOR AQUATIC ECO-TOXICOLOGY*, MEDCT, 2007.
- Project 1/2/193 **E.U. RESOURCES PILOT CENTRE FOR CROSS-BORDER PRESERVATION OF THE AQUATIC BIODIVERSITY OF PRUT RIVER, 2012-2015, funded by The Joint Operational Programme Romania-Ukraine-Republic of Moldova 2007-2013**
- **Component Project** *COMPLEX ASSESSMENT OF PRIORITY POLLUTANTS IN VARIOUS MATRICES OF WATER USE, AND IDENTIFICATION OF HAZARDS UPON THE ECOSYSTEMS AND HUMAN HEALTH* within the **Complex Project INTEGRATED AND SUSTAINABLE PROCESSES FOR ENVIRONMENTAL REMEDIATION, REUSE OF WASTEWATER AND WASTE RECOVERY (SUSTENVPRO)** Project Code: PN-III-P1-1.2-PCCDI-2017-0245, Financing Agreement no. 26PCCDI / 2018

### Education and training

- Period (from – until)
  - ◆ primary school: 1968 – 1976;
  - ◆ high school: 1976 – 1980
  - ◆ university: 1984 – 1988;
  - ◆ Doctorate: 1993 – 2000: Biology - "Alexandru Ioan Cuza" University of Iasi

- Name and type of organisation providing education and training
- Principal subjects/occupational skills acquired
- Title of qualification awarded

- ◆ Sanitary High School, Suceava;
- ◆ "Alexandru Ioan Cuza" University of Iasi, Bachelor in Biology, Faculty of Biology – Geography - Geology (1984-1988)
- ◆ Doctorate: 1993 – 2000: Biology - „Al. I. Cuza” University, Iasi, Faculty of Biology – **title of doctoral thesis**: „Influence of pollution and Canal Danube-Black Sea upon the dynamics of the Gastropods from the Romanian upper, mean and lower littoral of the Black Sea, in the area Constanta – Eforie”. **Doctor in Biology** – Zoology, since 2000
- ◆ **Habilitation thesis** in 2017: "Applications of eco-toxicological analysis in the diagnosis of the quality of aquatic life media". **PhD supervisor in Environmental Science** since 2018.
- ◆ Training stages – in the country:
  - International seminar *Training in European Affairs, Support to the establishment and development of European Studies Centers*, Phare RO 9706.01.02, Busteni, 18–29 September 2000
  - International seminar *Measures and proceedings for the protection of the water quality of River Prut*, Iasi Romania, 11-12 April 2001
  - National Symposium with international participation *Man and environment - 2002*, Iasi, 14-16 Marche 2002
  - Workshop *Interactions between the civil society and Science shops – experiences and perspectives*, Iasi, 24 June 2003
  - Summer school *University – engine of the regional development in Europe*, 2<sup>nd</sup> Ed., Curtea de Arges, 15-20 July 2003
  - International technical colloquium *Water and energy management in the perspective of European integration of Romania*, Centre for environmental resources – CEREM Iasi and ESIP Poitiers, France, 3-4 December 2003
  - International seminar *Environmental Management in Romania*, Bucharest, 29-30 September 2003, Japan International Cooperation Agency (JICA)
  - Workshop *Products eco-design and innovation*, International Institute for Industrial Economics at Lund University, Sweden and Academic Organization for Environmental Engineering and Sustainable Development, Iasi 21 April 2004
  - Workshop *Wastes management*, International Institute for Industrial Economics at Lund University, Sweden and Academic Organization for Environmental Engineering and Sustainable Development, Iasi 21 April 2004
  - Regional meeting of the promoters of Bologna, and ERASMUS seminar, Iasi, 11 March 2005
  - International technical colloquium *Energy-Environment L'amélioration des facteurs d'environnement*, Centre for environmental resources – CEREM Iasi, Centre for environmental resources – CEREM Iasi and ESIP Poitiers, France, 27-28 April 2006
  - Limnological–ecological Summerschool, Potoci, August-September 2006
  - Joint Operational Programme Romania-UKRAINE-REPUBLIC OF MOLDOVA 2007-2013, Training session The Grant Contract 23.04.2012, BRCT Iasi
  - Joint Operational Programme Romania-UKRAINE-REPUBLIC OF MOLDOVA 2007-2013, Training seminar for Grant beneficiaries, 25 Martie 2013, BRCT Iasi
  - Training *"How to write a successful Horizon 2020 project"*, în cadrul proiectului *"Dezvoltarea capacității de inovare și creșterea impactului cercetării de excelență la UAIC"*, Iasi, 23-24.05.2019.
- ◆ Training stages – abroad:
  - Marine Biology training stage within the Department of Oceanography, Univ. Southampton, United Kingdom, 2 July - 13 August 1994
  - meeting of the Science shop coordinators - Groningen, The Netherlands, June 1999
  - intensive course *Training in European Affairs*, Bruxelles, December 2000
  - SOCRATES-ERASMUS mobility at: Liège (Belgium) May 1999; Santiago de Compostela (Spain) June 2000; Vigo (Spain) September 2002, September 2003, September 2005, May 2015, May 2017; Konstanz (Germany) July 2004, February 2012; Thessaloniki (Greece) February-March 2012; Elazig (Turkey) February 2013; Huelva (Spain) September 2013; Nigde (Turkey) February 2014; Nicosia (Cyprus) September 2015; Bifrost (Iceland) May 2016; Torino (Italy) April 2016; Tirana (Albania) June 2017; Messina (Italy) February-March 2018; Mostar (Bosnia-Herțegovina) March 2018; Podgorica (Montenegro) May 2018; Bizerte (Tunis) February 2019; Athens (Greece) April 2019
  - SIL Working Group on Conservation and management of running waters, Lahti (Finland), 9 August 2004
  - SIL Working Group on Aquatic Invasive Species, Lahti (Finland), 9 August 2004
  - Corfu Summer School *The European University: Identity, Convergence and Assessment*, Corfu, Greece, 12-16 June 2007
  - Limnological–ecological Summerschool, Konstanz, Germany, August-September 2007
  - Limnological–ecological Summerschool, Konstanz, Germany, August-September 2010

**PERSONAL SKILLS AND  
COMPETENCES**

- biographic data included in Index of experts in Ecology and related fields from Romania, author Ioan Caraus, Edit. Ion Borcea, Bacau, 2002, ISBN 973-98455-9-2
- member of the jury of the National Contest for environmental projects since 2003
- evaluator expert for new research projects CNCSIS since 2004
- evaluator expert for Research Centres since 2006
- evaluator for abroad scholarships candidates, for the Ministry of Education and Research since 2006
- evaluator expert for the national authority RENAR since 2007
- Environmental Audit expert since 2010
- Project Manager expert since 2010
- Expert in the elaboration of studies and environmental reports, registered with the Ministry of Environment, Water and Forests since 2016.

Mother tongue(s)      **Romanian**

Other language(s)  
Self-assessment  
*European level (\*)*

**English**

**French**

		Understanding				Speaking				Writing	
		Listening		Reading		Spoken interaction		Spoken production			
	<b>English</b>	C2	Experimented user	C2	Experimented user	C2	Experimented user	C2	Experimented user	C2	Experimented user
	<b>French</b>	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(\*) Common European Framework of Reference for Languages

TECHNICAL ABILITIES AND  
PROFICIENCIES  
(Computer skills and  
competences)

medium - Word, Excel, Powerpoint, Quattro Pro, Internet  
use of laboratory equipment and field equipment  
Driving licence: category B  
Master scuba diver since 2010.

Social skills and  
competences

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

OTHERS:  
(Organisational skills and  
competences)

- **SOCRATES-ERASMUS** Coordinator for the Faculty of Biology (1998-2004, 2009-2012)
- Coordinator of the Information and Research Centre for Civil Society **InterMediu**, *Alexandru Ioan Cuza* University of Iasi, 1999–2000, 2002-2005
- member of the Director Council of **Centre for European Studies** Iasi (1999-2000)
- Institutional coordinator of the European network for environmental education **ESSENCE Plus** (since 1999)
- secretary of the NGO *Association for Ecology Iasi* (1999-2002)
- secretary of the NGO *Intermediunet Foundation Romania* (INRO) 2003-2005

**MEMBER IN HABILITATION COMMITTEES: member of the specialized scientific council - Institute of Zoology, Republic of Moldova, from 2019**

**MEMBER OF DOCTORAL THESIS COMMISSIONS:**

**Referent:** University of Bucharest: since 2009, *Alexandru Ioan Cuza* University of Iasi: since 2009, *Dunarea de Jos* University of Galati: since 2012, *Gheorghe Asachi* University of Iasi since 2015.

**MEMBER OF EDITORIAL BOARD/ SCIENTIFIC ADVISOR FOR PUBLICATIONS**

- Member of the Editorial Board of *Annals of Alexandru Ioan Cuza University Iasi, Fasc. of Animal Biology* since 2005
- Consulting editor of "*Romanian Journal of Aquatic Ecology*" since 2011
- Member of the Editorial Board of *International Journal of Conservation Science* since 2012
- Member of the Editorial Board of *e-Journal of New World Academy Sciences, Ecological Life Sciences* since 2013

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- Member of the Editorial Board of *Journal of Survey in Fisheries Sciences* since 2013

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- reviewer for **(ISI quoted)** scientific journals:

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- *Journal of Oceanological and Hydrobiological Studies* since 2006

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- *Environmental Monitoring and Assessment Journal* since 2007

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- *Boreal Environment Research* since 2014

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- *Ecological Engineering, The Journal of Ecosystem Restoration* since 2015

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- *Ecotoxicology and Environmental Safety* since 2015

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- *Proceedings of National Academy of Sciences, India Sect. B: Biological Sciences* since 2015

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- *Environmental Science and Pollution Research* since 2016

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- *International Journal of Phytoremediation* since 2016

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- *Ecological Indicators* since 2017

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- *Bulletin of Environmental Contamination and Toxicology* since 2018

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- *Science of the Total Environment* since 2018

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- *Environmental Toxicology and Pharmacology* since 2019

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- *International Journal of Environmental Analytical Chemistry* since 2019

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- *Journal of Cleaner Production* since 2019

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- *Water* since 2020.

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**LEADERSHIP EXPERIENCE:**

- member of the Council Faculty of Biology (1995-2003)
- head of Department: Chair of Zoology-Ecology (2005)
- member of the "*Alexandru Ioan Cuza*" University Senate (2000-2003, 2005-2008)
- general chancellor of the "*Alexandru Ioan Cuza*" University, Iasi (2005-2008)
- Dean of the Faculty of Biology Iasi (2012-2016)
- Director of Marine Biology Research Unit from Agigea-Constanta (2011-2018).

- books – **14**; academic courses – **3**; scientific papers in speciality journals – **174**:

- **101** full papers in the country (**11 papers** in ISI quoted journals)

- **35** papers abroad (**24 papers** in ISI quoted journals)

- **38** abstracts, **23** abroad (in volumes of international scientific events)

- **18** papers of science communication.

Hirsch Factor (**h-index**): WoS (**10**-287 citations); Scopus (**9**-289 citations), Google scholar (**11**-546 citations) <https://erris.gov.ro/ECOTOXICOLOGY-AND-ANIMAL-BEH>

SCIENTIFIC ACTIVITY  
(see APENDICES)

**MEMBER OF THE INTERNATIONAL RESEARCH TEAMS:**

- British-Romanian joint expedition on Razim-Sinoe Lagoon and Black Sea's shore (from Portita to Periboina), Biodiversity Study 1995-1996, coordinator Dr. Martin Sheader
- Romanian-Dutch project *Water pollution in lakes in the Netherlands and Romania*, 2000, coordinator Dr. Henk Mulder (MATRA Programme)
- Romanian-Swiss project *Persistent Organic Pollutants in River Bahlui*, responsible Prof. dr. Felipe de Alencastro, University of Lausanne, Switzerland, 2004-2007 (ESTROM Programme)
- Cross-boundary project *RESOURCES PILOT CENTRE FOR CROSS-BORDER PRESERVATION OF THE AQUATIC BIODIVERSITY OF PRUT RIVER, 2012-2015* (Joint Operational Programme Romania-Ukraine-Republic of Moldova 2007-2013).
- Project *EUROPEAN RAPTOR BIOMONITORING FACILITY (ERBFacility)* (Acțiunea COST CA 16224), 2017-2018, funded by International Programme COST.

**MEMBER OF NATIONAL SCIENTIFIC SOCIETIES:**

- Romanian Society of Ecology - **RES**
- Romanian Society of Limnology – **SLR**.

**MEMBER OF INTERNATIONAL SCIENTIFIC SOCIETIES:**

- International Society of Limnology - **SIL**
- Freshwater Biological Association – **FBA**
- IUCN Academy of Environmental Law - **IUCNAEL**.

**MEMBER OF THE SCIENTIFIC COMMITTEE OF INTERNATIONAL SCIENTIFIC EVENTS:**

- XV<sup>th</sup> International Symposium of Entomofaunistic for Central Europe (**SIIEC**), Iasi, 22-27 Sept. 1996
- International Summerschool for Archaeozoology, Iasi 2003
- International conference Intermediunet Romania "For promotion of the sustainable partnership between universities and civil society ", Brasov 9-11 June 2004
- Limnological–ecological Summerschool, Konstanz 2007, 2010
- *Ecological state of the lake Durowskie during restoration measures* Summerschool, Poznan and Wagrowiec, 3-17 July 2011, 1-15 July 2012, 30 June-14 July 2013
- International scientific session *The Anthropogenic Impact Upon Black Sea Region Biodiversity*, Agigea-Constanta, 21-22 October 2011
- 7<sup>th</sup> International Conference on Environmental Engineering and Management (ICEEM07), 18-21 September 2013, Wien
- 8<sup>th</sup> International Conference of Zoologists „Actual problems of protection and sustainable valorification of the animal world diversity”, Institute of Zoology - Academy of Science of Republic of Moldova, 10-12 October 2013, Kishinev
- International symposium *Biodiversity without borders*, Iasi, October 2014, 2015
- The 9<sup>th</sup> International Conference on Environmental Engineering and Management (ICEEM09) *Circular Economy and Environmental Sustainability*, 6–9 September 2017, Bologna, Italia
- 10<sup>th</sup> International Conference on Environmental Engineering and Management (ICEEM10), 18-21 September 2019, Iasi, Romania.

**ORGANIZATION OF SCIENTIFIC EVENTS AND SEMINARS:**

- National Congress of Biology *Emil Racovita*, Iasi, 16-20 Sept. 1992
- Scientific session *Black Sea in balance*, Constanta, 18-20 Oct. 1996
- Symposium of scientific communications for students "Romania in the integration perspective ", dedicated to *Europe Day*, Iasi, 8-9 Mai 2001
- *Romania - European integration and the Stability Pact for South - East Europe*, Iasi, 9 Mai 2001
- *European Studies and the regional development – opportunities and perspectives*, Iasi, 9 Mai 2001
- Scientific session *Life in water and on earth*, Agigea - Constanta, 19-20 Oct. 2001
- Scientific session *Biology at the beginning of the XXIst century*, Iasi, 13-14 November 2004
- Limnological–ecological Summerschool, Potoci, 2006
- National Conference *Ecology and evolutionism: origins, development and perspectives*, 22-24 Oct. 2009, Galati
- International scientific session *The Anthropogenic Impact Upon Black Sea Region Biodiversity*, 21-22 Oct. 2011 Agigea-Constanta
- *Interregional symposium Brancusi – spirit and creation*, 5<sup>th</sup> Ed. (CAER 2012 no. 622), Iasi 25.05.2012
- *International symposium of Ecology „Green means life” 2<sup>nd</sup> Ed.*, Iasi, 27.05.2012
- Scientific session, October 2012, 2013, 2014, 2015, 2016, 2017 Iasi, Romania: *Anthropogenic impact upon the structural and functional diversity of the biological systems*.

22.07.2020



Prof. Dr. Habil. Mircea Nicusor NICOARA