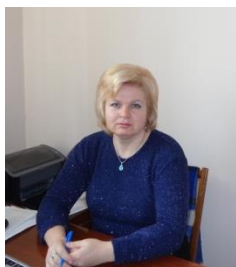


PERSONAL INFORMATION

MORARU LARISA



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 moraru-larisa@mail.ru

 n/a

ORCID ID:

Sex Female | **Date of birth** 01/12/1966 | **Nationality:** Republica Moldova

FIELD OF ACTIVITY
POSITION
SCIENTIFIC INTERESTS

Engineering sciences and technologies, Profile – Energy

Scientific researcher in the Laboratory of energy security and modeling the development of energy systems of the Institute of Energy

The research interests are in the field of research and analysis of general problems in energy, ecology, energy security, in the application of modern technologies for electricity and heat production, new means of transmission and distribution of electricity, harmful gas emissions into the atmosphere, prospects for energy development, mathematical modeling of processes in energy

WORK EXPERIENCE

<p>March 2, 2020 - present</p>	<p>Scientific researcher in the Laboratory of energy security and modeling the development of energy systems of the Institute of Energy of the ASM; reorganized from January 2019 into I.P. Institute of Energy of MECC RM</p>
<p>November 2012 - December 31, 2019</p>	<p>Scientific researcher in the laboratory of power equipment and power electronics of the Institute of Energy of the ASM; reorganized from January 2019 into I.P. Institute of Energy of MECC RM;</p>
<p>June 2012 - October 2012</p>	<p>Coordinating electronic engineer in the laboratory of power equipment and power electronics of the Institute of Energy of the ASM;</p>
<p>January 2010 - June 2012</p>	<p>Electronic engineer cat.1 in the laboratory Electric power equipment and power electronics of the Institute of Energy of the ASM;</p>
<p>May 2003 - December 2009</p>	<p>Inginer electronist cat.2 în laboratorul Electrofizica și tehnica tensiunilor înalte a Institutului de Energetică al AȘM;</p>
<p>January 1999 – may 2003</p>	<p>Head of the Chancellery in the Institute of Energy of the ASM;</p>
<p>February 1997 – January 1999</p>	<p>Engineer in the Regimes of energy systems laboratory of the Institute of Energy of the ASM;</p>
<p>August 1988 – february 1997</p>	<p>Engineer in the Laboratory of Directed Power Lines of the Department of Cyber Energy of the ASM, reorganized in 1991 in the Institute of Energy of the ASM;</p>

EDUCATION AND TRAINING

<p>May 20-23, 2019</p>	<p>Training course at the module "Management of energy efficiency projects in the public buildings sector" with the obtaining of the Certificate of expert in energy efficiency, issued by the University Center for Continuing Education Energy efficiency of public buildings</p>
<p>March 25-27, 2019</p>	<p>Training course in the field of LEAP system for planning long-term energy alternatives (long-range alternative energy planning)</p>
<p>November 2015</p>	<p>Training course in the field of energy statistics and energy planning, EU Project "AT-SSE". Revision of the national GHG inventory - Energy sector of the Republic of Moldova. Training program for national experts involved in the development of the GHG Inventory in the energy sector</p>

November 2014	Training course in the field of energy statistics and basic energy planning statistics and energy balances, planning and modeling in the energy sector. Analysis, short-term energy balance forecast with obtaining the Certificate of expert in short-term energy balance forecasting.
November 2012	Training course in the field of energy audit with the promotion of the exam in the field of electric power in support of the Energy Auditor Authorization, issued by the Agency for Energy Efficiency, Ministry of Economy of the Republic of Moldova, Chisinau
July 10-11, 2018	Seminar "Promoting clean and efficient mobility in the Republic of Moldova". The event is organized within the technical assistance project on the promotion of clean vehicles in the Republic of Moldova, supported by the United Nations Environment Program and the Climate and Clean Air Coalition
July 2-2, 2019	IEEE UKRCON-2019 International Conference, Lvov city, Ukraine
March 28, 2019	International Seminar of the Coalition for Climate and Clean Air (CCAC), SNAP initiative, launch of the project "Support for planning actions at national level to reduce short-term climate pollutants"
March 26, 2019	Seminar on the completion of the project "Moldova: activities on the preparation of the 2nd Biennial Report updated to the UNFCCC Convention on Climate Change", Results of the inventory of national GHG emissions for the period 1990-2019. for the CN4 project and the last inventory cycle within the BUR2 project
September 2016	Conference "Energy of Moldova - 2016. Regional aspects of development", organizer of the Institute of Energy I would ASM. Edition 3
November 2015	In-country review of the National GHG Inventory – Energy Sector, to be submitted by the Republic of Moldova to the UNFCCC in 2015 Training of the national experts involved in the development of GHG Inventory – Energy sector Tentative training program
June 2015	International Conference "Environment and Climate Change: From Vision to Action"
April 20, 2012	Round table at Moldexpo "RES in Moldova" within the international exhibition "Made in Moldova"
October 4–6, 2012	Conference "Energy of Moldova 2012. Regional aspects of development", organizer of the Institute of Energy and ASM, 2nd edition

EDUCATION

1983-1988	Facultatea de radiotehnică a Institutului politehnic din or.Livov (Ucraina), specilitatea inginer radiotehnic

PERSONAL SKILLS

Language (s) default (s) Romanian

Other foreign languages :

	Understanding speaking writing		Understanding speaking writing		Understanding speaking writing
	Listening A1/A2	Reading A1/A2	Spoken interaction A1/A2	Spoken production A1/A2	A1/A2
English					
Russian	C2	C2	C2	C2	C2
Ukrainian	C2	C2	C2	C2	C2
French	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Perfect knowledge of Russian and Ukrainian. We have done professional translations of textbooks for students, monographs and articles in the field of electrical and energy. I usually understand and speak French.

Communication skills

Good communication skills and collegial and friendly relationships, acquired through their own experience in the field of research and development

Job-related skills

Executor responsible for institutional research projects:
 Theme 15.817.03.02A „ Development and argumentation of innovative technical solutions and means for streamlining the field of energy supply ”, project leader Mihai Tîrşu, PhD in technical sciences. Deadline 2015-2019.

Concomitant:

- Experience and knowledge in compiling databases and developing information systems for monitoring and analyzing energy security, for calculating emissions of pollutants from energy;
- Experience and theoretical knowledge in the field of energy security, including the sectors of the economy "Manufacturing and construction" and environmental security;
- Experience in preparing the time series for Energy Balance forecasts;
- Experience in preparing greenhouse gas inventories for the energy sector.

Participant of the working group for the Energy Sector module of the international project: 4E45/GF40401403 Moldova: Enabling Activities for the Preparation of Fourth National Communication (NC4) and First Biennial Update Report (BUR1) under the United Nations Framework Convention on Climate Change

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user
<ul style="list-style-type: none"> ▪ a good command of the set of office programs (word processor, spreadsheet, presentation software) ▪ a good knowledge of Microsoft Office, Excel, LEAP, IPCC V2.17 tools, especially energetic programs 				

ADDITIONAL INFORMATION

April 7, 2020	Webinar on the development of the climate conservation report and guides for the integration of information on primary fuel, organized within the UNFCCC
July 10-11, 2019	Seminar "Promoting clean and efficient mobility in the Republic of Moldova", event organized within the technical assistance project on the promotion of clean vehicles in the Republic of Moldova, supported by the United Nations Environment and Climate and Clean Air Coalition
July 2-4, 2019	EEE UKRCON-2019 International Conference, t. Lvov, Ukraine
June 24, 2019	International seminar with the National Institute of Environmental Studies of Japan, Yasuki Shirakawa, Climate Consulting, LLC
March 28, 2019	International Seminar of the Coalition for Climate and Clean Air (CCAC), SNAP initiative, launch of the project "Support for planning actions at national level to reduce short-term climate pollutants"
March 26, 2019	Seminar on the completion of the project "Moldova: activities on the preparation of the 2nd Biennial Report updated to the UNFCCC Convention on Climate Change", Results of the inventory of national GHG emissions for the period 1990-2019. for the CN4 project and the last inventory cycle within the BUR2 project
September 2016	Conference "Energy of Moldova - 2016. Regional aspects of development", organized by the Institute of Energy of the ASM. Edition 3
November 2015	In-country review of the National GHG Inventory – Energy Sector, to be submitted by the Republic of Moldova to the UNFCCC in 2015 Training of the national experts involved in the development of GHG Inventory – Energy sector Tentative training program
June 2015	International Conference "Environment and Climate Change: From Vision to Action"
April 20, 2012	Round table at Moldexpo "RES in Moldova" within the international exhibition "Made in Moldova"
October 4–6, 2012	Conference "Energy of Moldova 2012. Regional aspects of development", organizer of the Institute of Energy and ASM, 2nd edition

Publications 2019

Быкова Е.В., Морару Л.П. Применение методов восстановления значений при расчете эмиссий парниковых газов для промышленного сектора. Сборник трудов IX Международной научно-технической конференции «Энергетика: Управление качеством и эффективность использования энергоресурсов», Амурский Государственный Университет, Благовещенск, 2019, стр. 532-536.

Берзан В.П., Пацюк В., Рыбакова Г., Ермураки Ю.В., Морару Л.П. Аналитические решения для волнового процесса в электрической линии с емкостной, индуктивной и активной нагрузкой. Сборник трудов Международной научно-технической конференции IEEE UKRCON-2019, 2-6 июля 2019

Берзан В.П., Ермураки Ю.В., Пацюк В., Рыбакова Г., Морару Л.П. Электронные преобразователи с высокими показателями энергоэффективности. Сборник трудов Международной научно-технической конференции IEEE UKRCON-2019, 2-6 июля 2019

2018

Raportul Național de Inventariere: 1990-2015. Surse de sechestrare și emisii ale gazelor cu efect de seră în Republica Moldova / Ministerul Agriculturii, Dezvoltării Regionale și Mediului / Programul Națiunilor Unite pentru Mediu. Chișinău: SRL „Bons Offices”, 2017 - 682 p. Bibliogr.: p. 430-443 (271 tit.). – Referințe bibliogr. în subsol. – Apare cu suportul financiar al Fondului Global pentru Mediu (GEF). – 50 ex. ISBN 978-9975-87-319-2. 551.588.74+504.06(478)(047)R25

2016

E. Bîcova, M. Cinic, L. Moraru. Monitoringul unui șir de indicatori ai securității energetice (Мониторинг ряда индикаторов экономической безопасности), Culegerea de rapoarte „Energetica Moldovei -2016. Aspecte regionale de dezvoltare. Ediția 3. 29.09-01.10.2016

Primul Raport Bial Actualizat al Republicii Moldova : Elaborat pentru a fi raportat către Convenția-cadru a Organizației Națiunilor Unite cu privire la Schimbarea climei / Min. Mediului al Rep. Moldova / Progr. Națiunilor Unite pentru Mediu (UNEP); 2016, Tipogr. “Bons Offices”, 200 p. Apare cu sprijinul financiar al Fondului Global de Mediu (GEF). Bibliogr.: p. 141-147 (179 tit.) și in subsol. - 75 ex. ISBN 978-9975-87-080-1. www.clima.md

2015

L. Kalinin, D. Zaițev, M. Tîrșu, I. Golub, L. Moraru. Transformator trifazat de reglarea a decalajului de fază cu reglare în neutru (Трехфазный фазорегулирующий трансформатор с регулированием в нейтрали), Revista IE AȘM nr.1 2015 “Probleme regionale ale energiei”

2014

E. Bîcova, V. Berzan, L. Moraru. Estimări privind impactul unor măsuri de economisire a combustibilului asupra securității energetice a Republicii Moldova. Forumul regional al energiei pentru Europa centrală și de Est – FOREN 2014, 15-19 iunie 2014, București, România. <http://www.cnr-cme.ro/forent2014>

Ermurachi, Iurie; Berzan, Vladimir; Ermurachi, Iurie Iu. Cerere de brevet s20140068 2014.05.19. Convertor de tensiune de curent continuu în tensiune de curent continuu.