

## PERSONAL INFORMATION

## Adina COCU

 [adina.cocu@ugal.ro](mailto:adina.cocu@ugal.ro) Faculty of Automatic Control, Computing, Electrical Engineering and Electronics  
Str. Științei no. 2, Galați 800146, România <http://www.csed.ugal.ro/index.php/membri/adina-cocu>  
<https://ro.linkedin.com/in/adina-cocu-475a91107>

Sex F | Nationality Romanian

## WORK EXPERIENCE

- 2022-present Associate Professor at Department of Computer Science and Engineering, Faculty of Automatic Control, Computers, Electrical Engineering and Electronics,  
University "Dunarea de Jos" of Galati - Romania
- 2003 -2022 Lecturer at Department of Computer Science and Engineering, Faculty of Automatic Control, Computers, Electrical Engineering and Electronics,  
University "Dunarea de Jos" of Galati - Romania
- 1998 - 2003 Assistant professor at Department of Computer Science and Engineering, Faculty of Automatic Control, Computers, Electrical Engineering and Electronics  
University "Dunarea de Jos" of Galati - Romania
- 1997-1998 Software Engineer at Overseas Distribution Company, Galati

## EDUCATION AND TRAINING

- 2009 **PhD in Computer Science**, Title: " Contributions to the knowledge representation techniques in intelligent educational systems", Domain: Computer Science,  
University "Dunarea de Jos" of Galati - Romania
- 1999 Mobility at the Department of software development, CS TELECOM, Paris, France, period July-August
- 1997 – 1998 Master in "Artificial intelligence systems and process management",  
Faculty of Electrical Engineering, University "Dunarea de Jos" of Galati - Romania
- 1992 - 1997 Bachelor's Degree in "Automation and Industrial Informatics"  
Faculty of Electrical Engineering, University "Dunarea de Jos" of Galati - Romania

## RESEARCH

|                             |   |
|-----------------------------|---|
| <b>Domains of interests</b> | Artificial intelligence - knowledge representation and reasoning, Bayesian and possibilistic networks.<br>Technology Enhanced Learning. User modelling. Computer-supported collaborative learning.<br>Technical Creativity.   |
| <b>Projects</b>             | Participation in 18 international and national research projects, two as project manager and three as local coordinator.  |
| <b>Articles</b>             | Author and co-author in 16 articles published in ISI journals or ISI conferences proceedings, 21 papers published BDI indexed scientific events.  |
| <b>Books</b>                | Six books' chapters in international publishers.<br>Six professional books in national publishers.  |
| <b>Scientific profile</b>   | Google Scholar: <a href="https://scholar.google.com/citations?hl=en&amp;user=_89BqF4AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=_89BqF4AAAAJ</a><br>ResearchGate: <a href="https://www.researchgate.net/profile/Adina-Cocu">https://www.researchgate.net/profile/Adina-Cocu</a><br>Web of Science: <a href="https://publons.com/researcher/4478597/adina-cocu/">https://publons.com/researcher/4478597/adina-cocu/</a><br>UEFISCDI ID (UEF-iD): U-2300-069C-2350<br>Orcid: <a href="https://orcid.org/0000-0003-0935-4713">https://orcid.org/0000-0003-0935-4713</a> |
| <b>Rewards</b>              | ICL2022 Learning in the Age of Digital and Green Transition - Best Paper Award – with paper “Digital Learning for Enhancing Entrepreneurial Skills of future Engineers”, Authors: E. Pecheanu, A. Cocu, I. Susnea, A. Istrate, L. Dumitriu.<br>Diploma of Excellence at Ugal-Invent for the research "Informatics and Artificial Intelligence for innovation in education". Authors: E. Pecheanu, A. Cocu, I. Şuşnea, L. Dumitriu, C. Tudorie, s.a.   |

## TEACHING

|                         |   |
|-------------------------|---|
| <b>Certifications</b>   | Instructor - Digital Competence Certification - ECDL (European Computer Driving Licence)<br>Instructor - IT-Essential - CISCO   |
| <b>Teaching courses</b> | BSc courses:<br>– Object Oriented Programming,<br>– Artificial Intelligence,<br>– Mobile Applications,<br>– Logical and Functional Programming<br>MSc course:<br>– Graphical User Interface |

## PERSONAL SKILLS

| <b>Mother tongue(s)</b>                                      | Romanian  |                    |                   |         |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
|--|---|--------------------|-------------------|---------|----|---------------|--|----------|--|---------|-----------|---------|--------------------|-------------------|--|----|----|----|----|----|--|--|--|--|--|
| <b>Other language(s)</b>                                     | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">UNDERSTANDING</th> <th colspan="2" style="text-align: center;">SPEAKING</th> <th style="text-align: center;">WRITING</th> </tr> <tr> <th style="text-align: center;">Listening</th> <th style="text-align: center;">Reading</th> <th style="text-align: center;">Spoken interaction</th> <th style="text-align: center;">Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">B2</td> </tr> <tr> <td colspan="5" style="text-align: center;">CEFR - Common European Framework of Reference for Languages.</td></tr> </tbody> </table> |                    |                   |         |    | UNDERSTANDING |  | SPEAKING |  | WRITING | Listening | Reading | Spoken interaction | Spoken production |  | B2 | B2 | B2 | B2 | B2 | CEFR - Common European Framework of Reference for Languages. |  |  |  |  |
| UNDERSTANDING  |   | SPEAKING           |                   | WRITING |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| Listening  | Reading   | Spoken interaction | Spoken production |         |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| B2   | B2  | B2                 | B2                | B2      |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| CEFR - Common European Framework of Reference for Languages. |   |                    |                   |         |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| English  | B2  | B2                 | B2                | B2      | B2 |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| French   | B2  | B2                 | B2                | B2      | B2 |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |
| CEFR - Common European Framework of Reference for Languages. |   |                    |                   |         |    |               |  |          |  |         |           |         |                    |                   |  |    |    |    |    |    |  |  |  |  |  |

## ANNEX

- Projects
1. **ThinkGame - Cooperation to implement Creative Thinking and Gamification for innovative online training of STEM students**, nr. 2023-1-RO01-KA220-HED-000152883, KeyAction2 – Higher Education, period October 2023 – September 2026, project coordinator.
  2. **InnoGreen - Innovative entrepreneurs leading green businesses**, no. 2022-1-RO01-KA220-ADU-000085596, Erasmus+ Programme, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period November 2022- October 2024, project coordinator.
  3. **ExdiWorld - Exploration in the Digital World**, Erasmus+ Programme, nr. 2021-1-TR01-KA220-SCH-000027804 –, period February 2023- February 2024, team member.
  4. **EntrNET - Develop National Networks of Adult Education Providers in the field of Entrepreneurship**, no. 621546-EPP-1-2020-1-EL-EPPKA3-IPI-SOC-IN, Erasmus+ Programme, Key Action3 - Support for policy reform / Social inclusion and common values: the contribution in the field of education and training, Funded UE -EACEAA, team member.
  5. **ProBM2 - Understanding and Developing Business Models in the Globalisation Era**, no. 2019-1-PL01-KA204-064951, Funded - Erasmus+ Programme of the European Union, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period January 2022- March 2022, local coordinator.
  6. **Digiter - Improving employability in the digital sector by strengthening the transversal skills of young people in search of socio-professional integration**, no. 2017-1-FR01-KA202-037291, Funded - Erasmus+ Programme of the European Union, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period 2019-2020, local coordinator.
  7. **EuPv - Training and certification model for photovoltaic trainers with the use of ECVET system**, no. 2016-1-PL01-KA202-026279, Funded - Erasmus+ Programme of the European Union, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period September 2016-August 2019, researcher.
  8. **CertiVet - Certified VET trainer in the construction sector**, no. 2014-1-PL01-KA202-003624/P2, Funded - Erasmus+ Programme of the European Union, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period September 2014-August 2016, researcher.
  9. **DaSpace - Open Innovation LAB**, no. DTP1-1-146-1.2, Transnational Dunarea Project, period 2018-2019, team member.
  10. **Explain - How to Tell What You Know Well**, no. 2014-1-IT01-KA200-002650, Funded - Erasmus+ Programme of the European Union, KeyAction2 - Cooperation for innovation and the exchange of good practices - Strategic Partnerships, period September 2014 - August 2017, researcher.
  11. **Tecrino - Teaching creativity in engineering**, no. 538710-LLP-1-2013-1-CY-LEONARDO-LMP-P3, Funded: Leonardo-da-Vinci, Lifelong Learning, period 2014-2016, researcher.
  12. Evaluation expert for Ministry of Digital Society assuring technical assistance in POS CCE projects monitoring, period 2014-2015.
  13. **iLab2- Innovation Laboratories for the quality assurance of vocational education and training**, no. 2012-1-PL1-LEO05-27430-P5 - iLAB2, funded: Leonardo-da-Vinci, Lifelong Learning, period January 2013-December 2014, local coordinator.
  14. **Pilot project on implementing of Foodex2 as part of the Standard Sample Description for the electronic transmission of harmonized chemical occurrence data to EFSA**, no. EFSA 15864/2012, Funded NP/EFSA/DCM/2012/01/6, period 2012-2014, researcher.
  15. **SkillsUp – Supporting system for non-formal and informal learning for low-skilled workers**, no. 2010-1-PL1-LEO05-11472, Funded: Leonardo-da-Vinci Lifelong Learning, period January 2010-December 2012, researcher.
  16. **TOPAR – Research to determine the toxicity of some pollutants in wastewater using the QSAR method**, no. 535-13.09.2006, Funded program Relansin/CEEX, period 2006-2007, researcher.
  17. **PRETOX - Prediction of the toxicological characteristics of organic pollutants**, no. 407-20.09.2004, Funded by the Romanian Ministry of Education and Research, program PNCDI/MENER (Environment, Energy, Resources), period 2004 – 2006, researcher.
  18. **Repetitive and automatic remote configuration of SC3002 network equipment**, Contract 250/1999-2000 with CSTELECOM France, period, 1999-2000, team member.

## ANNEX

Publications  
ISI

1. Şușnea S., Pecheanu E., Jascanu V., Cocu A., Şușnea I., **Metacognitive Awareness ans Self-directed Learning Skills of Participants in Academic Competitions: A Case Study with Romanian Students in computer Science**, 15th International Conference on Education and New Learning Technologies, Palma, Spain, Appears in: EDULEARN23 Proceedings, Pages: 552-557, ISBN: 978-84-09-52151-7, ISSN: 2340-1117, 2023
2. Susnea I., Cocu A., Pecheanu E., Tudorie C., Istrate A., **Digital Environments for Open-Access Entrepreneurship Education**, The 26th International Conference on Interactive Collaborative Learning - ICL 2023 Proceedings, Madrid, 2023
3. Pecheanu E., Cocu A., Susnea I., Dumitriu L., Istrate A., **Digital Learning for Enhancing Entrepreneurial Skills of Future Engineers**, 25th International Conference on Interactive Collaborative Learning and 51st International Conference on Engineering Pedagogy, Vienna, ICL2022 Proceedings with Springer in the series Lecture Notes in Networks and Systems, 2022.
4. Susnea I., Pecheanu E. Sandu, C., & Cocu A., **A Scalable Solution to Detect Behavior Changes of Elderly People Living Alone**. Applied Sciences, Volume 12, Issue 1, Article Number 235, DOI 10.3390/app12010235, 235, 2022. ([pdf](#)) Journal Q2, FI=2.679.
5. I. Susnea., Pecheanu E., & Cocu A., **Agent-based modeling and simulation in the research of environmental sustainability**. A bibliography. Present Environment & Sustainable Development, Volume 15, Issue 1, DOI10.15551/pesd2021151015, pag. 191-210, 2021. ([pdf](#))
6. Pecheanu E., Cocu A., Susnea I., Dumitriu L., Stefanescu D., Istrate A., **Building Instructional Methodologies for Teaching Transversal Skills to Future Engineers**, IEEE Global Engineering Education Conf. EDUCON 2020, Proc. of the 2020 IEEE Global Engineering Education Conf.(EDUCON 2020), Portugalia, Book Series: IEEE Global Engineering Education Con., pp. 1290-1298, DOI: 10.1109/EDUCON45650.2020.9125277, Accession Number: WOS:000617739900193 , ISBN:978-1-7281-0930-5, ISSN: 2165-9567, 2020. ([link](#))
7. Susnea I., Pecheanu E., Cocu A., Vlase M., **Exploring the Romanian Students' Awareness and Attitudes Towards Globalization**, Conference: Edu World 8th International Conference, Pitesti, ROMANIA, 2018, EDU WORLD 2018 - 8th International Conference Book Series: European Proceedings of Social and Behavioural Sciences Volume: 6, Pages: 929-935, DOI10.15405/ epsbs.2019.08.03.112, WOS:000582461100112 , eISSN: 2357-1330, , 2019. ([pdf](#))
8. Susnea I., Pecheanu E., Dumitriu L., Cocu A. - **Exploring the Value of Zimbardo Time Perspective Inventory as Predictor of Academic Outcomes**\_9th IEEE Global Engineering Education Conference (EDUCON), Santa Cruz, Spain, 2018, Book Series: IEEE Global Engineering Education Conf. pp: 238-242, IEEE 2018 Accession Number: WOS:000434866100036, ISBN:978-1-5386-2957-4, ISSN: 2165-9567, 2018. ([link](#))
9. Susnea I., Pecheanu E., Dumitriu L., Cocu A., **Exploring the Connection Between the Students' Creativity and Summary Writing Skills**, 8th IEEE Global Engineering Education Conference (EDUCON), Athens, Greece, 2017, Book Series: IEEE Global Engineering Education Conference pp: 347-350, IEEE 2017, Accession Number: WOS:000405192300056, ISBN:978-1-5090-5467-1 , ISSN: 2165-9567, 2017. ([link](#))
10. Susnea I., Pecheanu E., Cocu A., Hudec G., **Improved Occupancy-Based Solutions for Energy Saving in Buildings**, 5th International Symposium on Electrical and Electronics Engineering (ISEEE) Galati, ROMANIA, Accession Number: WOS:000428234400017, ISBN:978-1-5386-2059-5, ISSN: 2378-3907, 2017. ([link](#))
11. Cocu A., Pecheanu E., Susnea I., **Stimulating Creativity through Collaboration in an Innovation Laboratory**, 4th World Conf. on Educational Technology Researches (WCETR), Barcelona, Spain, 2014, Book Series: Procedia Social and Behavioral Sciences Vol 182 pp 173-178, ISSN 1877-0428 , Elsevier, WOS:000380397600026, 2015. ([pdf](#)) ([link](#)) (Funded in the project iLab2 - Innovation Laboratories for the quality assurance of vocational education and training -Leonardo da Vinci 2012-1-PL1-LEO05-27430).
12. Dumitriu L., Segal C., Craciun M-V., Cocu A., **Pre-Processing Aspects for Complexity Reduction of the QSAR Problem**, 4th International IEEE Conference Intelligent Systems, Varna, Bulgaria, ISBN: 978-1-4244-1740-7. pp.17-12-17-16, 2008. ([link](#))
13. Cocu A., Dumitriu L., Craciun M.V., Segal C., **A Hybrid Approach for Data Preprocessing in the QSAR Problem**, KES2008, 12th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, Zagreb, Croatia, Lecture Notes in Computer Science (LNCS-LNAI), vol. 5177, ISBN:

978-3-540-85562-0, pp. 565—572, **2008 - journal Q2.** ([link](#))

14. Crăciun M.V., **Cocu A.**, Dumitriu L., Segal C., **A Hybrid Feature Selection Algorithm for the QSAR problem**, Proceedings of the 6th International Conference on Computational Science (ICCS 2006), Reading, UK, Part I. Lecture Notes in Computer Science 3991 Springer, ISBN 3-540-34379-2, ISSN: 0302-9743, **2006 - journal Q4.** ([link](#))
15. Dumitriu L., Segal c., Craciun M.V., **Cocu A.**, Georgescu L.P., **Model discovery and validation for the QSAR problem using association rule mining**, in Proceedings of ICKM 2006, Prague, Czech Republic, Volume 11, pp. 24-26, ISBN 975-00803-0-0, ISSN 1307-6884, 2006. ([.pdf](#))
16. Dumitriu L., Craciun M.V., Segal c., **Cocu A.**, Georgescu L.P. **Using Association Rule Mining for the QSAR Problem**, 3rd International IEEE Conference Intelligent Systems, Vols 1 and 2, University of Westminster, ISBN 978-1-4244-0195-6, Pages: 519-522, **2006.** ([link](#))

Publications  
- BDI  
selection

1. Dumitriu L., Craciun M.V., Segal c., **Cocu A.**, Georgescu L.P. **Using Association Rule Mining for the QSAR Problem**, 3rd International IEEE Conference Intelligent Systems, Vols 1 and 2, University of Westminster, ISBN 978-1-4244-0195-6, Pages: 519-522, **2006.** ([link](#))
2. Susnea I., Pecheanu E., Dumitriu L., **Cocu A. Connecting the Dots: Linking Creativity, Synthesis Skills, and the Students' Anxiety about the Future**, 14th IADIS International Conference on Cognition and Exploratory Learning in the Digital Age, CELDA 2017, Algarve; Portugal; 2017, ISBN 978-1-5108-5320-1, **2017 Indexat ERIC** (Educational Resources Information Center) of the Institute of Educational Sciences, Departament of Education - USA, ([.pdf](#)) ([link](#))
3. Susnea I., Pecheanu E., **Cocu A.**, **Technologies for Sensing and Modeling Collective Intelligence**, Annals of the University Dunarea de Jos of Galati Fascicle III: Electrotechnics, Electronics, Automatic Control & Informatics, 40(1), **2017.** ([.pdf](#)) ([link](#))
4. Pecheanu E., Dumitriu L., **Cocu A.**, **An experiment in ICT mediated group creativity**, Annals of "Dunarea de Jos" University of Galati, Fascicle III, Electrotechnics, Electronics, Automatic Control, Informatics, Vol 39., ISSN 1221-454 X, pp. 12-18, 2016. ([.pdf](#)) ([link](#))
5. Şuşnea I., Pecheanu E., Tudorie C., **Cocu A.**, **The education for creativity – the only student's tool for coping with the uncertainties of the future**, Proceedings of MAC-ETeL 2014, Multidisciplinary Academic Conference on Education Teaching and E-learning, Prague, Czech Republic, ISBN 978-80-905442-7-7, **2014.** ([.pdf](#))
6. Crăciun M.V., **Cocu A.**, Dumitriu L., **Predictability score-based feature selection**, System Theory, Control and Computing (ICSTCC), 2012, 16th International Conference on System Theory, Control and Computing, Sinaia, Romania, **2012.** ([link](#))
7. **Cocu A.**, **Possibilistic Networks for Uncertainty Knowledge Processing in Student Diagnosis**, The Annals of „Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics Automatic Control, Informatics, ISSN 1221-454X., pp. 69-73, **2006.** ([.pdf](#))
8. **Cocu A.** Craciun M.V., Cocu B., **Learning the Structure of Bayesian Network from Small Amount of Data**, The Annals of „Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics Automatic Control, Informatics, ISSN 1221-454X., 2009. ([.pdf](#))
9. **Cocu A.**, Cocu B., **Diagnosis of Cognitive Strategies in E-learning Systems**, RoEduNet 2009, Proceedings of the 8th RoEduNet International Conference on Networking in Education and Research, Galati, Romania, ISBN 978-606-8085-15-9, **2009.**
10. **Cocu A.**, **Learning Bayesian Dependence Model for Student Modelling**, The Annals of „Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics Automatic Control, Informatics, ISSN 1221-454X., Vol 31, No 2, 2008. ([.pdf](#))
11. Dumitriu L., Craciun M.V., **Cocu A.**, Segal C., **Pre-processing Techniques for the QSAR Problem**, 6th International Conference on Multimedia & Network Information Systems, Wrocław, Poland, ISSN: 0922-6389, 2008. ([link](#))
12. Dumitriu L., Segal C., Badea M., Israel F., Craciun M., **Cocu A.**, Istrate A., Munteanu D., **Toward A Hybrid Approach Of Qsar Modelling**, Manifestarea Științifică: CEEX 2008 Conference “Excellence Research A Way To Innovation”, Brașov, Romania, 2008.
13. **Cocu A.**, **Knowledge Based Diagnostic System with Probabilistic Approach**, 13th International Symposium on Modeling, Simulation and Systems' Identification, SIMSIS, Galati, ISBN 978-973-88413-0-7, pp. 17-22, 2007
14. **Cocu A.**, **Implementation of Student Assessment Model Using IMS Standard**, ELSE The 3th International Scientific Conference else "eLearning and Software for Education", Bucharest, **2007.**

15. Dumitriu L., Segal C., Craciun M.V., **Cocu A.**, Georgescu L.P., *Tentative Prediction for the QSAR Problem using Association Rule Mining*, The 7th International Conference on Technical Informatics CONTI, Proceedings - Scientific Bulletin of Politehnica, University of Timisoara, vol. 2, pp. 189-194, 2006.
16. **Cocu A.**, Stefanescu D., *Uncertainty Management Using Bayesian Networks in Student Knowledge Diagnosis*, The Annals of „Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics Automatic Control, Informatics, ISSN 1221-454X, pp. 29-31, 2005. ([.pdf](#))
17. Stefanescu D., Pecheanu E., Cocu A., *Pedagogical knowledge model based on conceptual graphs and ontology*, The Annals of „Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics Automatic Control, Informatics, ISSN 1221-454X, pp. 12-16, 2005. ([.pdf](#))

## ANNEX

Books  
international  
publishing  
house

1. Pecheanu E., Susnea I., **Cocu A.** -*Design of course materials destined to support informal and non-formal learning through the use of e-learning technologies*  
**Cocu A.** -*Report on pilot application of educational packages*  
**Cocu A.** -*International report on qualification requirements*  
în volumul *Supporting system for nonformal and informal learning for low-skilled workers*, Kramek, Symela, Slawinska (Editori), Publishing House of the Institute for Sustainable Technologies-ITEE-PIB, Polonia, ISBN 978-837789-152-0, Polonia, 2012. ([.pdf](#)) (Funding Project SkillsUp 2010-1-PL1-LEO05-11472)
2. Pecheanu E., **Cocu A.**, Susnea I., Dumitriu L., *Building professional competence standards for vocational training*  
**Cocu A.**, Pecheanu E., Susnea I., Dumitriu L., *On-line systems for competences evaluation – methods and digital technologies*  
în volumul *Training and certification model for photovoltaic trainers with the use of ECVET system*, Editors: Katarzyna Ślawińska, Mirosław Żurek, ŁUKASIEWICZ Research Network –Institute for Sustainable Technologies, Monographic series: Library of Work Pedagogy, ISBN 978-83-7789-603-7, 2019. ([.pdf](#)) (Funding Project EuPv-2016-1-PL01-KA202-026279)
3. **Cocu A.**, Pecheanu E., -*Format and content of European standards of competence*  
Pecheanu E., Ślawińska K., **Cocu A.**, Lawinski M., -*A comparative analysis of professional competence standards for the VET trainer in Poland, France Romania*,  
**Cocu A.**, Pecheanu E., -*Evaluation methods for competences of VET trainer*  
în volumul *Certified VET trainers in construction sector*, Publishing House of the Institute for Sustainable Technologies-ITEE-PIB, Polonia, ISBN 978-83-7789-439, Polonia, 2016. ([.pdf](#)) (Funding Project CertiVet 2014-1-PL01-KA202-003624/P2)
4. Pecheanu E., **Cocu A.**, Susnea I., Dumitriu L., -*Budowanie standardów kompetencji zawodowych w ramach szkolenia zawodowego*,  
**Cocu A.**, Pecheanu E., Susnea I., Dumitriu L., -*Systemy internetowe służące do ewaluacji kompetencji – metody i technologie cyfrowe*,  
în volumul *Od identyfikacji wymagań kompetencyjnych do oferty edukacyjnej*, Publishing House of the Institute for Sustainable Technologies-ITEE-PIB, ISBN 978-83-7789-604-4, Polonia, 2019. ([.pdf](#)) (Funding Project EuPv-2016-1-PL01-KA202-026279)
5. Dumitriu L., Segal C., Craciun M., **Cocu A.** *On Association Rule Mining for the QSAR problem*-în volumul *Encyclopedia of Data Warehousing and Mining*, 2nd edition, (4 Volumes), Ed: John Wang, Montclair State University, Publisher: Hershey; New York : Information ScienceReference, pp. 83-86, ISBN: 978-1-60566-010-3, 2008. ([WorldCat link](#))
6. Dumitriu L., Craciun M.V., **Cocu A.**, Segal C., *Pre-processing Techniques for the QSAR Problem* -în volumul *New Trends in Multimedia and Network Information Systems*, Ed.: Zgrzywa Aleksander, Choros Kazimierz, Sieminski Andrzej, Editura: IOS Press, pp. 107-114, ISBN 978-1-58603-904-2, 2008. ([link](#)) ([WorldCat link](#))

Books  
-  
national  
publishing  
house

1. Alexandrache C., **Cocu A.**, *Utilizarea instrumentelor digitale în studierea disciplinelor socio-umane*, în volumul *Tehnologii digitale pentru învățare interactivă*, Editura GUP, Galati University Press, ISBN 978-606-696-309-1. (Funding Project: Explorations In The Digital World, 2021-1-TR01-KA220-SCH-000027804), **2024**.
2. Miron M., **Cocu A.**, Inteligență artificială - Rețele neuronale - Aplicații Python, Editura Fundației Universitare „Dunărea de Jos”, ISBN 978-973-627-648-4, **2021**
3. Chapter: Susnea I., Pecheanu E., Cocu A., - Ghid pentru formatori, Book: Manual de creativitate tehnică, Susnea, Dumitriu (Editors), Publishing house: Europlus, ISBN: 978-606-628-145-4, **2015**
4. Segal C., Dumitriu L., Craciun M., **Cocu A.**, Munteanu D., Cercetări în vederea stabilirii gradului de toxicitate al unor poluanți din apele reziduale folosind metoda QSAR, Publishing House IPA SA, ISBN: 973-1704-13-2, **2008**.
5. Dumitriu L., Crăciun M.V., Segal C., **Cocu A.**, Georgescu L.P., Utilizarea tehniciilor de învățare automată în estimarea efectelor toxicologice, Editura Didactică și Pedagogică, ISBN 978-973-30-1729-5, **2007**.
6. **Cocu A.**, Dobos M., Introducere în sisteme de calcul, Editura Fundației Universitare Dunărea de Jos Galați, ISBN 973-627-079-3, **2003**.
7. Novac C., **Cocu A.**, Fundamente de inteligență artificială, Editura Fundației Universitare Dunărea de Jos Galați, ISBN 973-627-020-3, **2003**.