

PERSONAL INFORMATIONS

COMAN MIRELA-ANA



📍 Romania

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🗣 Mirela Coman ([Google Academic](#), [ResearchGate](#), [Academia](#), [Mendeley](#), [ResearcherID](#))

Sex female | Social status married | Nationality Romanian

PROFESSIONAL EXPERIENCE

2017- ONGOING

PhD Coordinators, Agronomy Domains. Competences: Environmental protection

The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Doctoral School of Agricultural Engineering Sciences (SDSAI)

Calea Mănăştur 3-5, 400372, Cluj-Napoca, Romania

Secretariat: Tel: +40-264-596.384/ contact@usamvcluj.ro

▪ Course holder: Modern Techniques in Research of Industrial Polluted Sites -*doctorate level*.

Field or Sector of activity: research

2007- ONGOING

Assoc. Professor PhD Eng. Competences: Environment protection

Technical University of Cluj-Napoca, North University Center of Baia Mare, Faculty of Engineering

Dr. Victor Babeş str, no. 62A, 430083, Baia Mare, Maramureş County, Romania

Secretariat: Tel: +40-264-202.975/ secretariat.inginerie@staff.utcluj.ro

▪ Course holder: Ecology, Ecological Management, Soil Remediation Technologies -license level; Soil Protection and Depollution, Environmental Management, Modern Woodworking Technologies, Protection of Wooden and Metal Structures -master level.

Field or Sector of activity: research and education

2002-2007

Lecturer, PhD Eng.

North University of Baia Mare, Faculty of Mineral Resources and Environment

str. Dr. Victor Babeş, no. 62A, 430083, Baia Mare, Maramureş County, Romania

▪ Course holder: General and Applied Ecology, Ecological Management, Soil Remediation Technologies, Environmental Impact Assessment – license level; Soil Protection and Depollution, Environmental Management -master level.

Field or Sector of activity: research and education

1994-2002

Head of Design Office, Eng. Export-Import Department

SC Foremar SA, str. Avram Iancu, no. 23, Baia Mare, Maramureş County

▪ Coordination of design -research -development activity of the company.
▪ Implementation coordinator of national and international programs and projects.

Field or Sector of activity: Forestry sector, Woodworking, Business relation management

1989-1994

Head of Design Office, Head of Technical Quality Service, Trainee engineer

SCCA "Tehnolemn", str. Mărgeanului, no. 7, Baia Mare, Maramureş County

▪ Coordination of design - research - development activity of the company; progress control of international programs and projects for wooden products.

Field or Sector of activity: Forestry sector, Woodworking, Business relation management

EDUCATION AND TRAINING

MARCH 2022

Advanced studies/ Graduation Certificate

level 6 EQF

Technical University of Cluj-Napoca, eUT+, Memorandumului str., no. 28, Cluj-Napoca 400114, (www.utcluj.ro/universitatea)

Course title: "Educational Technologies and IT&C Tools Support for University Education"

MARCH 2022

Advanced studies /Certificate

POSTDRU/86/1.2/s/61959, "Alexandru Ioan Cuza" University from Iași (www.uaic.ro/)

Course title: "Quality Management in Higher Education"

OCT. 2000 - 2005

Postgraduate studies (doctorate)/ PhD Diploma

level 8 EQF

"Transylvania" University from Braşov, Faculty of Forestry Braşov, Şirul Ludwig van Beethoven Street, no 1, Braşov 500123, Romania (www.unitbv.ro/silvic)

- Thesis title "Research Regarding the Influence of Geomorphological and Meteorological Conditions on Polluting Processes in the Baia Mare Depression"

FEBR. 2001 – IUL. 2001

Postgraduate studies/ Graduation Certificate

level 6 EQF

North University of Baia Mare, Dr. Victor Babeş street, no. 62A, 430083, Baia Mare, Maramureş County, Romania

Specialization: Environmental Engineering

SEPT. 1984 – IUN. 1989

Long-term university studies/ Engineer's Diploma- Merit Diploma

level 6 EQF

University of Braşov, Faculty of Wood Industrialization, Universităţii str, no. 1, Braşov 500068, Romania (www.unitbv.ro/il/)

PERSONAL SKILLS

NATIVE LANGUAGE

Romanian

OTHER LANGUAGES

	UNDERSTANDING		SPEAKING		WRITING
	LISTENING	READING	CONVERSATION WITH PARTNER	SPEECH	
English	B1	B1	B1	B1	B1
Russian	A2	B1	A2	A2	B1

Levels: A1/A2: Elementary level - B1/B2: Independent User - C1/C2: Experienced User
Common European Framework of Reference for Foreign Languages

COMMUNICATION SKILLS

- good communication skills acquired through own experience, because of participation and organization of relevant scientific events, in national and international projects.
- good skills in assimilating information and skills, having the ability to synthesize and evaluate.

ORGANIZATIONAL COMPETENCES / MANAGEMENT

- good teamwork skills, in conditions of adaptation to multicultural environments - acquired because of involvement in research activities, from own experience and through collaboration with different economic and socio-cultural entities.
- good organizational skills acquired through analytical thinking and use of legal opportunities, through own experience and working with young people.

SKILLS ACQUIRED IN THE WORKPLACE

- a good knowledge of both professional field and complementary fields (elements of environmental informatics, the art of wood processing, environmental problems in mining perimeters, regional sustainable development strategies).
- use of modern techniques to investigate, model, simulate and rehabilitate terrestrial ecosystems intensely affected by pollution.

DIGITAL COMPETENCES

SELF EVALUATION				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SECURITY	PROBLEM SOLVING
INDEPENDENT USER	EXPERIENCED USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER

Levels: Elementary level, - : Independent User - Experienced User
[Digital Competences – Auto-Evaluation Grid](#)

OTHER COMPETENCES

- Competencies specific to the university environment:
 - organization of scientific sessions, thematic workshops, conferences.
 - counseling/tutoring for student activities, at bachelor/master/doctorate level and practical training internships, motilities etc.
 - applied research, innovation, and non-formal education.
- category B since 1990.

DRIVING LICENSE

ADDITIONAL INFORMATION

EDUCATIONAL AND PROFESSIONAL ACTIVITY

PROFESSIONAL ACTIVITY

- Responsible for Postgraduate Course "Environmental Engineering and Protection" (2008-2016)
- Editor-in-chief of the Scientific Bulletin of the Northern University Center in Baia Mare, D Series (2014-2018)
- Member of the Scientific Committee of the Scientific Bulletin of the Northern University Center in Baia Mare, D Series (2014- prezent)
- Member of the scientific committees of some BDI indexed journals (2)
- Member of the UTCN Technical Commission for submitting and monitoring projects financed from structural funds (2020-prezent)
- Evaluator and Trainer in the Continuous Professional Training System (2015-present)
- Member of the UTCN Senate: 2012-2016, 2020-2024.

PROFESSIONAL AFFILIATES

- Vice-president of AGIR Maramureş branch/ General Association of Romanian Engineers (2020-present) and AGIR member since 2002
- member of SNRSS- Romanian National Society for Soil Science (2003-present)
- member of SRR- Romanian Society of Rheology (2016-2021)
- PhD supervisor at IOSUD-SDSAI Cluj-Napoca (2017-present).

DIDACTIC ACTIVITY

- Books (5) and book chapters as author/co-author (10)
- Books and chapters in specialist books as editor/coordinator (8)
- Course books (2) and Laboratory guidance in CNCSIS publications (4)
- MEC Expert: *ARACIS Expert* (2010-2014), *ACPART Expert* (2008-2011)
- President of the Bacalaureate Commission (2014, 2016)
- ME Expert- GLC 135-139 Programme (2020-present)
- Member of ISJMM Competition Commissions etc.

OTHER ACTIVITIES

- 2010- present– Organizer or member in the organizing committees and scientific committees of some student activities such as:
- "Session of Student Scientific Communications" (2003- 2019)
 - "International Day of Meteorology" (2012- 2018)
 - "International Environment Day" (2012- 2021)
 - "Preservation of the "Vida Geza" Cacti Heritage -Baia Mare" (2011- prezent)
 - "Ecological House Between Dream and Reality" Symposium (2012- prezent) casaecologicaintrevisirealitate.wordpress.com
- 2014 - founding member of the "Center for the Promotion of Student Scientific Activity", (cpass-utcn.weebly.com), Faculty of Engineering, UTCN-CUN Baia Mare
- 2019 -present– National Vice-President of "Our Lady Reunion" Assoc. (<http://www.bru.ro/>)
- 2017 -present– Diocese President of "Our Lady Reunion" Assoc. (www.episcopiamm.ro).

RESEARCH ACTIVITY

PARTICIPATION SCIENTIFIC EVENTS

TOTAL **75+**, out of which:

- national (**45+**) and international conferences and symposium (**20+**)
- workshops and other professional training sessions (**14+**).

PATENTS OF INVENTION

COMAN M.A. "Infrared Radiation Seed Germination Method", Reg. no. 126456/2012.

PUBLICATIONS

TOTAL **170+**, out of which:

- articles in extenso, in **ISI/WoS** Thomson Reuters rated journals (**9**);
- articles in extenso, in **ISI Proceedings** indexed volumes (**6**);
- articles in extenso, in **BDI/B+** indexed volumes (**130+**);
- articles in extenso, in volumes indexed C, D or not indexed (**20+**)
- guest in media shows (**5**).

GRANTS / PROJECTS WON THROUGH COMPETITION (MEMBER OR MANAGER)

- **ENI CBC Programme 2014-2020, (HUSKROUA/1702/6.1/0022)** CRIMIGE: "Regional Center for Training and Monitoring of the Environmental Impact of Electrical Installations" (2020-2021)
- **ENPI CBC Programme-(HUSKROUA/1001/110)** RoJaSoil: Romania-Ukraine Cross Border Area - The Management of the Contaminated Sites with Oil Products - (2012-2015)
- **URBACT II: BHC** -, "Building Healthy Communities", Contract No.4265/19.05.09 (2008-2011)
- **CNMP - PNCD 2, AMSREI** –"Monitoring the Action of Soil Microbiota in Order to Use it in the Ecological Remediation of Tailings Ponds"- Contract No. 31010/2007 (2008-2010)
- **EUREKA (ROE01/132.023)** "Capacity Building in Sustainable Environmental Techniques. The Application of Phytoremediation in Romania, Contract No. 407/23.02.2009 (2009)
- **LEXIN-** Contract No. 20081/17/10/2008 (2008-2009)
- Applied Research on the Development and Implementation of an Environmental Management System at S.C. Plimob S.A. Sighetu Marmatei (ISO 14000), Contr. No. 75/oct. 2008 (2008-2009)
- Applied Research on the Use of Lexin- Ecological, Biogenetic, Heating Technology (2007-2008)
- **PHARE CBC 2005/017-539.01.26:** RUTEM –"Romania-Ukraine Regional Center for Training in Environment and Monitoring", Project PHARE CBC 2005/017-539.01.26, Neighborhood Programme Romania-Ukraine 2004-2006 (2007-2008)
- Applied research regarding the development and implementation of an environmental management system at the company SC Arcer SRL Sighetu Marmatei (2007-2008)
- **Cepronef-** Possibilities of Mathematical Modeling of the Dispersions of Non-hazardous Landfill (2006)
- **British Council Romania:** IUGA- Dig Where You Live/ (2005-2006)
- **PC 5 EU- Contract nr. EVK1-CT-2001:** THE TISZA RIVER PROJECT - Real-life scale integrated catchment models for supporting water-and environmental management decisions contr. Nr. EVK1-CT-2001, Program Cadru 5 EU (2002-2004)
- **CESO Canada:** To Advise on Waste Management of Wood (2001-2002)

REPRESENTATIVE PUBLICATIONS

- Cioruța B.V., **Coman M.**, (2022), Definition, role, and functions of soil related to the Knowledge Society and the Someș-Tisa hydrographic area (Romania), MDPI-Sustainability [revistă indexată ISI, IF 3.889], vol. 14, 8688, pg. 1-14, <https://doi.org/10.3390/su14148688>
- Cioruța B.V., **Coman M.**, (2021), Implications of Mobile-based Information Systems in the Contaminated Soils Characterization, Natural Resources and Sustainable Development (NRSD®), University of Debrecen - University of Oradea, 11(2), pg.135 -142, DOI:10.31924/nrsd.v11i2.073.
- Taro, G., **Coman, M.** (2021), Ecological restoration of the polluted soils with heavy metals. Case study: cuprom sa baia mare branch, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. X, 2021, Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064

- Hreniuc M., **Coman M.**, Cioruța B., (2020) Transfer of Heavy Metals from Soil to Vegetables in a Polluted Area: background and main issue, Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics (Hidraulica®), nr. 2, pg. 48-51, <https://hidraulica.fluidas.ro/2020/nr2/48-51.pdf>
- Hreniuc M., Cioruța B., **Coman M.**, (2019) An insight into the history of scientific concerns about soil pollution in Maramures County, Journal of Documentation, Research and Professional Training (ProEnvironment®/ProMediu®), vol. 12, nr. 38, pg. 142-149, Print ISSN: 1844-6698, Electronic ISSN: 2066-1363 <http://journals.usamvcluj.ro/index.php/promediu/article/view/13643/11231>
- Mesaroș M., Cioruța B., **Coman M.**, (2018): Protected natural heritage on route from philosophy to environment engineering, Scientific Bulletin of North University Center of Baia Mare, Series D, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering, Baia Mare, vol. XXXII, no. 1, pg. 63-72
- **Coman M.**, Muntean A., Rusu T., Cioruța B., (2016) Regarding Nutritive Elements in the Soil of a Rehabilitated Former Mining Tailings Dumpsite, International Multidisciplinary Scientific Geoconference (SGEM), ISSN 1314-2704, vol. II, pg. 265-271
- **Coman M.**, Cioruța B., Pop R., (2016): Regarding the evolution of soils polluted with oil products in Săcel oilfield (Romania), AgroLife Scientific Journal, vol. 5., no. 2, pg. 44-49.
- **Coman M.**, Cioruța B., Ghișa R., (2016) Periodic Evaluation of the Quality State of Polluted Soils in the Herja Mining Area (Romania), International Multidisciplinary Scientific Geoconference (SGEM), ISSN 1314-2704, vol. II, pg. 243-249
- **Coman M.**, Taro G., Oros V., (2012) Comparative aspects regarding the environmental management in Romania and Ukraine, Journal of Environmental Protection and Ecology, ISSN: 1311-5065, vol. 13, nr. 2A, pg. 1086-1089
- Tisan V., Dascalescu A., **Coman M.**, Oros V., (2012) RUTEM-Regional Centre for training environmental protection, management and monitoring, Journal of Environmental Protection and Ecology, ISSN: 1311-5065, vol. 13, nr. 2A, pg. 1082-1085
- **Coman M.**, Rusu T., (2010) New Ways In Using Far-Infrared Radiations For Agricultural Production, Journal of Food Agriculture & Environment (JFAE), Vol.8 (3&4), pg. 714-717
- Oros V., Roman S., **Coman M.**, Oros A., (2010) Lead Occurrence in Children`s Biological Fluids from Baia Mare Area, Romania, Environmental Heavy Metal Pollution and Effects on Child Mental Development – Risk Assessment and Prevention Strategies, L. Simeonov, M. Kotchubowski, B. Simeonova editors, Springer, pg 101-122, indexat SpringerLink

ACTIVITY RECOGNITION / DISTINCTIONS

- h-index -12, i10-index -14
- 2017 - President of the National Olympic Committee, "Natural resources and environmental protection" profile, *Environmental Protection Field*.
- 2016 - "Diploma of Excellence" and "Silver Medal" at the "Traian Vuia" International Salon of Inventions and Innovations Timisoara
- 2013 – "Diploma of excellence"- UTCN
- 2011 - Laureate ANOSR "Professor Bologna"
- 2010 - Finalist in "Education Awards Gala"
- 2006 - Medal "100 years of Soil Science in Romania"

ANNEXES (MORE INFO)

Date
May 21st, 2024,

Signature
Coman Mirela Ana