

PERSONAL INFORMATIONS



COMAN MIRELA ANA

📍 str. Dr. Victor Babeș, nr. 62A, 430083, Baia Mare, jud. Maramureș, România

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

Sex F | Date of birth: 21/02/1966 | Nationality: Romanian

THE WORKPLACE FOR WHICH SHE IS CANDIDATED

PhD Coordinating

PROFESIONAL EXPERIENCE

2017-PRESENT

PhD Supervisor, Agronomy, Environmental protection

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

Mănăștur Alley 3-5, 400372, Cluj-Napoca, România

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contact@usamvcluj.ro

Field or Sector of activity - research and education

2007-PRESENT

Associate Professor PhD Eng.

Technical University of Cluj-Napoca, North University Centre, Faculty of Engineering

str. Dr. Victor Babeș, nr. 62A, 430083, Baia Mare, Maramureș county, România

Tel: +40 -362-401.265

inginerie@cunbm.utcluj.ro

Field or Sector of activity - research and education

Course holder:

- General and Applied Ecology- licence level,
- Ecological Management- licence level,
- Soil Degradation Technologies - licence level,
- Soil Protection and Depollution – master level,
- Environmental Management – master level.

2002-2007

Lecturer PhD Eng.

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

str. Dr. Victor Babeș, nr. 62A, 430083, Baia Mare, jud. Maramureș, România

Course holder:

- General and Applied Ecology- licence level,
- Ecological Management- licence level,
- Soil Degradation Technologies- licence level;
- Soil protection and depollution - master level,
- 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. A. Iancu, nr. 23, Baia Mare

- Coordination of design, research and development of the company;
- Implementation of programs and projects.

Field or Sector of activity – woodwork, home decor and furniture design, business relation management with foreign partners

1989-1994 **Head of Design Office, Head of Technical Quality Control Service, trainee engineer**

SCCA Tehnolemn, str. Mărgeanului, nr. 7, Baia Mare

- Coordination of design, research and development of the company;
- Controlling international contracts finished products.

Field or Sector of activity: woodwork, , business relation management with foreign partners, home decor and furniture design, quality control

EDUCATION AND PROFESSIONAL FORMING

OCT. 2000 - 2005

Postgraduate studies (doctorate) / PhD

nivel 8 EQF

Transilvania University of Brasov, Faculty of Forestry Brasov, str. Şirul Ludwig van Beethoven 1, Braşov 500123, (www.unitbv.ro/silvic)

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

nivel 6 EQF

North University of Baia Mare, 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

nivel 6 EQF

Transilvania University of Brasov, Faculty of Wood Engineering, Strada Universitatii 1, Brasov 500068 (www.unitbv.ro/il/)

PERSONAL COMPETENCES

MATERNAL LANGUAGE

Romanian

OTHER KNOWN LANGUAGES

| | UNDERSTANDING | | CONVERSATION | | WRITING |
|------------------|---------------|----------|----------------------------|-------------|---------|
| | LISTENING | WRITTING | CONVERSATION WITH PARTNERE | ORAL SPEECH | |
| English language | C1 | B2 | B1 | B1 | B2 |
| Russian Language | B1 | B1 | B1 | B1 | B1 |

Levels: A1/A2: Elementary user - B1/B2: Independent user - C1/C2: Experimented user
European common reference system for foreign languages

COMMUNICATIONS COMPETENCES

- Excellent communicator, negotiation and mediation skills acquired through our own experience as a result of participation in / organization of scientific manifestations;
- Good skills in assimilation of information and skills, ability to synthesize and evaluate, as well as availability for involvement in socio-cultural and research activities - acquired through our own experience, as a result of collaboration with different socio-professional entities, during visits.

ORGANIZATIONAL COMPETENCES

- Good teamwork skills, under stress conditions and spontaneous adaptation to multicultural environments - acquired as a result of participation in internships, mobility and volunteering;
- Excellent organizational skills, analytical thinking and the ability to find new ideas, opportunities and solutions acquired through curricular and extra-curricular experience accumulated in work with students.

WORKPLACE COMPETENCES

- excellent knowledge of the professional field, but also of other tangential domains (environmental informatics, art of woodworking);
- in depth knowledge and use of laboratory equipment and instruments for measuring and monitoring environmental factors;
- good use of modern (computational) techniques of ecosystem investigation, modelling and simulation of pollution-related ecosystems.

DIGITAL COMPETENCES

| SELF EVALUATION | | | | |
|------------------------|-------------------|----------------------|------------------|------------------|
| INFORMATION PROCESSING | COMUNICATI ON | CREATING NEW CONTENT | SECURITY | PROBLEM SOLVING |
| INDEPENDENT USER | EXPERIMENTED USER | EXPERIMENTED USER | INDEPENDENT USER | INDEPENDENT USER |

Levels: Elementary user - Independent user - Experimented user
[Digital competences – Auto-evaluation grid](#)

- proficient command of the office suite;

OTHER COMPETENCES

- Specific academic competences:
 - Counselling on regulations regarding student activity (bachelor / master admission, writing of diploma papers, master, election student representatives, internships, mobility and volunteering);
 - non-formal education, student-centred education, individual development, psychomotivation, Learning, emotional intelligence.
 - Organizing student's scientific sessions and thematic workshops.

DRIVER'S LICENSE

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MORE INFO

TEACHING AND PROFESSIONAL ACTIVITY

PROFESSIONAL AFFILIATIONS

- General Association of Engineers in Romania (2002 -...)
- The Romanian National Society for Soil Science (2003 -...)
- Romanian Society of Rheology (2016 -...)

DIDACTIC ACTIVITY

- Books (3) and chapters in specialized books as author (10);
- Books and chapters in specialized books as editor / coordinator (8);
- Manuals (2) and laboratory guidance in CNCSIS publishing houses (4);
- Coordination of programs of study, organization and coordination of continuous training programs and educational projects (2)

ACTIVITIES REGARDING STUDENTS

2014 - **Founding member "Center for the Promotion of Students' Scientific Activity"**, (cpass-utcn.weebly.com), Faculty of Engineering, Baia Mare

2017-2010 - **Organizer or member of organizing committees and scientific committees:**

- "Scientific Session of Students Session" (May 2010-2012)
- "International Day of Meteorology" (March 2012, 2013, 2014)
- "International Environment Day" (June 2012)
- Symposium "The Green House between Dream and Reality" (2012- present) casaecologicaintrevissirealitate.wordpress.com
cpass-utcn.weebly.com/casa-ecologica-între-vis-si-realitate.html

**OTHER REPRESENTATIVE
ACTIVITIES**

2014 –Present: **Editor-in-Chief** of the Scientific Bulletin of the North University Center of Baia Mare, Series D Mining Mineral Processing Non-ferrous Metallurgy, Geology and Environmental Engineering;

2016 -Present: reviewer *HIDRAULICA* Journal- Environmental Protection articles

2008-2011–Expert MEC for "Elaboration of the Study on the correlation between requirements and training of highly qualified forestry workers, Bachelor's degree (TPL and IPFL) and master level (SALTI and Eco-Design of Furniture);

RESEARCH ACTIVITY
SCIENTIFIC MANIFESTATION

TOTAL **30+**, from wich:

- National confrences (**34**) and international ones (**18**);
- Local/national simpozioims (**6**) and international ones (**2**);
- Local communication sessions (**1**) and also international (**5**);
- workshops and other forming sessions (**4**).

PUBLICATIONES

TOTAL **140+**, from wich:

- in extenso articles, **ISI rated articles** Thomson Reuters (**7**);
- in extenso articles, indexed as **ISI Proceedings** (**6**);
- in extenso articles, indexed as **BDI / B+ (90+)**;
- in extenso articles, indexed as C, D or **unindexed (20+)**.

Representative works:

In extenso scientific ISI rated articles Thomson Reuters

- **Coman M.**, Demarcsek R., Cioruța B., Coman L., Adamenko Y., Arkhipova L., (2016) *Comparative elements of Romanian and Ukrainian legislation regarding the protection of soils contaminated with oil products*, Wulfenia multidisciplinary ISI Journal (IF 0,267), ISSN: 1561-882X, vol. 23, nr. 7, pg. 121-128 (multidisciplinarywulfenia.org)
- Adamenko Y., **Coman M.**, (2016) *The Methodology of Decision-Making within Procedures of Environmental Impact Assessments*, Wulfenia Journal, ISSN 1561-882X, vol 23, nr. 6, pg. 377-384 (multidisciplinarywulfenia.org)
- **Coman M.**, Adamenko Y., Cioruța B., (2016) *Evolutionary processes specific for soils polluted with oil products*, Wulfenia multidisciplinary ISI Journal (IF 0,267), ISSN: 1561-882X, vol. 23, nr. 6, pg. 27-32 (multidisciplinarywulfenia.org)
- **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., **Coman M.**, Marian M., Mihaly G. L., Mihaly A., (2009) *Preliminary investigation aimed to ecological reclaiming by phytoremediation of a large flotation tailing dump in Baia Mare mining area*, Environmental Engineering and Management Journal, vol. 8, nr. 4, pg. 915-922

PATENTS OF INVENTION

Coman M. (2012): Method of seed germination with infrared radiation, nr. 126456 / 2012

GRANTS / PROJECTS GIVEN BY COMPETITION

- **ENPI CBC Programme-(HUSKROUA/1001/110)** RoUaSoil: 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 the soil microbiota for its use in ecological remediation of the tailings ponds”- Contract nr. 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)
- Cercetare aplicativă privind elaborarea și implementarea unui sistem de management de mediu la S.C. Plimob S.A. Sighetu Marmăției Contract nr. 75/8 oct. 2008 (2008-2009)
- Cercetare aplicativă privind utilizarea tehnologiei de încălzire ecologică, biogenetică de tip Lexin (2007-2008)
- **PHARE CBC 2005/017-539.01.26:** RUTEM –„Romania-Ukraine Regional Center for Treining in Environment and Monitoring”, Project PHARE CBC 2005/017-539.01.26, Neighborhood Programme Romania-Ukraine 2004-2006 (2007-2008)
- Applicative research on the development and implementation of an environmental management system at SC Arcer SRL Sighetu Marmăției (2007-2008)
- **Cepronef-**Possibilities of mathematical modeling of 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)

RECOGNITION AND IMPACT OF ACTIVITY

RECOGNITION OF ACTIVITY / DISTINCTIONS

- 2017 - "First Prize" at the World Light World Essay Contest, Babeş Bolyai University Cluj-Napoca;
- 2017 - "Diploma of Excellence" and "Golden Medal" at the International Invention and Innovation Salon "Pro Invent" Cluj-Napoca;
- 2017 - "Diploma of Excellence" of the Technical University of Moldova;
- 2016 - "Diploma of Excellence" and "Silver Medal" at the International Fair of Inventions and Innovations "Traian Vuia" Timisoara;
- 2016 - Laureate Student at the LSRS Gala (The Romanian Students League Abroad);
- 2013 - "Diploma of Excellence" for the outstanding academic and pedagogical activity unfolded;
- 2011 - Laureat ANOSR "Professor Bologna";
- 2010 - Finalist "Gala of Education Awards";
- 2006 - Medal of "100 Years of Soil Science in Romania".

IMPACT OF ACTIVITIES

- Citations in ISI Thomson Reuters (5) and BDI (34);
- Member of editorial teams or scientific committees of scientific journals and exhibitions, organizer of scientific events, reviewer for national and international scientific journals and scientific events (3);
- Management experience (2012-2016 - Senate member Technical University Cluj-Napoca

DATE
April.,2026

Signature