

LISTA DE LUCRĂRI

1. Teza de doctorat: „*Studiul proceselor de epurare a apelor reziduale provenite de la unitățile alimentare*” Universitatea „Politehnica” Timișoara, 2010

2. Publicatii:

A) Cărți publicate, îndrumare/culegeri publicate:

2A1. Pantea Emilia – Valentina - *Studiul proceselor de epurare a apelor reziduale provenite de la unitățile alimentare*, Editura Politehnica, Timisoara, 2010, ISSN: 1842-581X, ISBN: 978-606-554-093-4, 214 pagini

2A2. Pantea Emilia – Valentina - *Monitorizarea calității fluidelor utilizate în hemodializă*, Editura Universității din Oradea, 2012, ISBN 978-606-10-0889-6, 109 pagini

2A3. Pantea Emilia – Valentina - *Tratarea apei*, Editura Universității din Oradea, Oradea, 2015, ISBN 978-606-10-1617-4, 384 pagini

2A4. Pantea Emilia – Valentina - *Epurarea apelor reziduale*, Editura Universității din Oradea, 2015, ISBN 978-606-10-1618-1, 297 pagini

2A5. Pantea Emilia – Valentina - *Tehnologii de tratare a apei: lucrări practice*, Editura Universității din Oradea, 2011. ISBN 978-606-10-0609-0, 84 pagini

2A6. Pantea Emilia – Valentina - *Tehnologii de protecție a apei: lucrări practice*, Editura Universității din Oradea, 2011, ISBN 978-606-10-0608-3, 92 pagini

2A7. Pantea Emilia – Valentina - *Chimia mediului* - lucrări de laborator, 2015, 72 pagini, format electronic

2A8. Pantea Emilia – Valentina – *Cercetări privind aplicarea tehnologiei de epurare biologică anaerobă, apelor uzate urbane*, Institutul de Economie Mondială, 2015, 103 pagini.

B) Capitoare publicate în volume colective,

2B1. Domuța C., coord.,**Pantea Emilia Valentina** - *Monitoringul mediului – lucrări practice*, Editura Universității din Oradea, 2013, ISBN 978-606-10-0993-0, 607 pag.

2B2. Sabău Nicu Cornel, Brejea Radu – Coord..... **Pantea Emilia Valentina** - *Mediul în Munții APUSENI – Aplicații practice de teren - Cap. III.4. Arnica Montana, o bogăție naturală a Carpaților*, Editura Universității din Oradea, 2013, ISBN 978-606-10-1018-9, 378 pag.

2B3. Handbook for trainees – *Managementul apelor uzate* - Grundtvig – Multilateral Projects “Green cultivation actions” 2010-4042/510226-LLP-1-2010-1-GR-GRUNDTVIG-GMP/ECO-AGR

C) *Capitole teoretice redactate -*

D) *sisteme de laborator funcționale, după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice/profesionale.:*

2D1. Echipament de digestie anaerobă - Laborator de analize chimice, sala 211, et.II, Facultatea de Protecția Mediului, Universitatea din Oradea;

2D2. Echipamente de analiza a calității apelor uzate - Laborator de analize chimice, sala 211, et.II, Facultatea de Protecția Mediului, Universitatea din Oradea;

2D3. Analizor biogaz - Laborator de analize produse agroalimentare, sala 211, et.II, Facultatea de Protecția Mediului, Universitatea din Oradea;

3. Articole/studii publicate:

A) *în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță;*

3A1. I. Mirel, M.A. Mitrașcă, **Emilia Valentina Pantea**, D.M. Abrudan, 2006: “[The geothermal water treatment for water and energy resources conservation](#)”, Environmental Engineering and Management Journal, Vol.5, No.6, pag. 1245-1254, ISSN: 1582-9596, Impact Factor (2006): 0,150 (Q3)

3A2. C. Ghergheș, V. Ghergheș, T. Romocea, M. A. Roman, **Emilia Pantea**, M. Ion, A. Iovi, 2012: “[Softening of waste geothermal water using ion exchange resins for environment protection](#)”, Journal of Environmental Protection and Ecology 13, No 3, pag. 1553-1559, Impact Factor (2012): 0,259 (Q3)

3A3. T. Romocea, C. Ghergheș, **Emilia Pantea**, 2012: “[Experimental research regarding the determination of the encrusted or aggressive character of the geothermal waters in the north-western part of România](#)”, Journal of Environmental Protection and Ecology 13, No 3, pag. 1277-1288, Impact Factor (2012): 0,259 (Q3)

3A4. Tamara Romocea, Carmen Ghergheș, **Emilia Pantea**, 2012: “[The Study of Carbon Steels Corrosion in Geothermal Systems of Lower Enthalpy](#)”, Revista de Chimie, București, vol. 63, No. 6, pag. 636-640, Impact Factor (2012): 0,577 (Q3)

3A5. Emilia Valentina Pantea, C. Ghergheș, A. Onet, T. Romocea, 2016: “[Study Regarding the Quality of Haemodialysis Water](#)”, Journal of Environmental Protection and Ecology 17, No 4, pag.1554-1563, Impact Factor (2016): 0,445 (Q3)

3A6. Romocea, Tamara, Aurelia Onet, Nicu- Cornel Sabău, Cristian Onet, Grigore Vasile Herman, **Emilia Pantea**, 2018: “[Change of the groundwater quality from industrial area Oradea, Romania, using geographic information systems \(GIS\)](#)”, Environmental Engineering and Management Journal, Vol 17, no 9, pag. 2189 -2199, Impact Factor (2018): 1,148 (Q3)

3A7. C. Onet, A Teușdea, A. Onet, **Emilia Pantea**, N.C Sabău, V. Laslo, T. Romocea, E Agud, 2018, “[Comparative Study of Dairy and Meat Processing Wastewater Characteristics](#)”, Journal of Environmental Protection and Ecology 19, No 2, pag. 508-514, Impact Factor (2018): 0,634 (Q3)

3A8. C. Onet, **Emilia Pantea***, A Teușdea, L. Dinca, N. C. Sabau, V. Timis-Gansac, S. Pantea, E. Jude, 2020: “[Factors that influence characteristics of the quality parameters of drinking water used in food processing industry from Bihor County, Romania](#)” Journal of Environmental Protection and Ecology 21, No 1, pag. 317–324, Impact Factor (2020): 0,577 (Q3)

3A9. C. Onet, **Emilia Pantea***, G. Herman, S. Pantea, V. Timis-Gansac, E. Agud, 2020: "[Microbiological screening of the fungi isolated from indoor environment in a cultural heritage museum from Bihor county, Romania](#)", Journal of Environmental Protection and Ecology 21, No 3, pag. 901–907, Impact Factor (2020): 0,577 (Q3)

3A10. N. C. Sabau, V. Laslo, S. Guler, Emilia Pantea, M. Dumitru, C. Onet, E. Serban, C. Mester, 2020: "[Temporal and spatial evolution of total dissolved solid concentration and nitrates in groundwater from the western part of Oradea, Romania](#)", Journal of Environmental Protection and Ecology 21, No 5, pag. 1619–1627, Impact Factor (2020): 0,577 (Q3)

3A11. E. Agud, V. Laslo, **Emilia Pantea**, C. Onet, 2020: "[Dianthus diutinus KIT., European endemism critically endangered with extinction: multiplied in vitro for the conservation and repopulation of its area of origin](#)", Journal of Environmental Protection and Ecology 21, No 4, pag. 1220–1227 Impact Factor (2020): 0,577 (Q3)

3A12. Șmuleac L., Guler S., Sabău N.C., Onet A., Curilă M., Onet C., **Pantea Emilia**, Șerban E., Imbrea F., 2020: "[Study of the groundwater pollution with sulphates and lead in the industrial area of Oradea municipality, Romania](#)", Agrolife Scientific Journal vol. 9, No. 2, pag. 297-304, Impact Factor: 0,00 ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718

3A13. Ilieș Dorina Camelia, Indrie Liliana, Caciara Tudor, Herman Grigore Vasile, Huniadi Anca, Mircea Sandor, Adina Albu, Monica Costea, Călin Moș, Safarov Bahodirhon, Emilian Tarcau, **Emilia Pantea**, 2022: "[Heritage textiles – an integrated approach for assessment and future conservation](#)", Industria Textila; Bucharest Vol. 73, Iss. 2: pag. 159-164. DOI:10.35530/IT.073.02.202040, Impact Factor (2022): 0,828 (Q3)

3A14. Dorina Camelia Ilies, Bahodirhon Safarov, Tudor Caciara, Alexandru Ilies,, Vasile Grama, Gabriela Ilies, Anca Huniadi, Berdenov Zharas, Nicolaie Hodor, Mircea Sandor, Martin Balázs Zsarnóczky, **Emilia Pantea**, Grigore Vasile Herman, Paula Dejeu, Mariana Szabo-Alexi, Lorant Denes David, 2022: „[Museal Indoor Air Quality and Public Health: An Integrated Approach for Exhibits Preservation and Ensuring Human Health](#)”, Sustainability 14(4), pag. 2462, Impact Factor (2022): 3,889 (Q2)

3A15. Dorina Camelia Ilies, Zlatin Zlatev, Alexandru Ilies, Berdenov Zharas, **Emilia Pantea**, Nicolaie Hodor, Liliana Indrie, Alexandru Turza, Hamid R. Taghiyari, Tudor Caciara, Monica Costea, Bahodiron Safarov, Barbu-Tudoran Lucian, 2022: "[Interdisciplinary Research to Advance Digital Imagery and Natural Compounds for Eco-Cleaning and for Preserving Textile Cultural Heritage](#)", Sensors 2022, 22(12), pag. 4442, Impact Factor (2022): 3,847 (Q2)

3A16. Alexandru Ilies, Nicolaie Hodor, **Emilia Pantea**, Dorina Camelia Ilies, Liliana Indrie, Mihaela Zdrîncă, Stefania Iancu, Tudor Caciara, Alexandra Chiriac, Carmen Ghergheles, Hamid R. Taghiyari, Monica Costea, Stefan Baias, 2022: „[Antibacterial Effect of Eco-Friendly Silver Nanoparticles and Traditional Techniques on Aged Heritage Textile, Investigated by Dark-Field Microscopy](#)”, Coatings, 12(11), pag. 1688, Impact Factor (2022): 3,236 (Q2)

B) indexate în baze de date internaționale recunoscute (BDI)

3B1. Mirel Ion, **Pantea Emilia**, Ana Pop, Vasile Daniel Gherman, 2007: "[Considerații Privind Obținerea Biohidrogenului Din Ape Uzate Cu Încărcări Organice Mari](#)", Buletinul Agir, Nr.3 ISSN L 1224-7928, pag. 55-30, BDI: Index Copernicus International, Academic Keys, Getcited

3B2. Ghergheleş Carmen, Ghergheleş Viorel, Romoceă Tamara, **Pantea Emilia**. 2009: "[Softeners Geothermal Worn-Out Thermic Water Using Cationic Resins Amberlite Ir 120Na, with](#)

[the Objective Protection and Improvement of the Environment](#)”, Analele Universității din Oradea, Fascicula de Protecția Mediului, România, Vol. XIV, pag.713 -718

3B3. Viorel Ghergheleş, Ghergheleş Carmen, Romocea Tamara, **Pantea Emilia**, 2009: “[Treatment and Use of Geothermal Water with Low Enthalpy](#)”, Analele Universității din Oradea, Fascicula de Protecția Mediului, România, Vol. XIV, ISSN 1224-6255, pag. 719 -724

3B4. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, 2009: “[Effect Of Temperature On Anaerob Processes](#)”, International symposium "Natural resources and sustainable development", Analele Universității din Oradea, Fascicula de Protecția Mediului, România, Vol. XIV, ISSN 1224-6255, pag. 766 -769

3B5. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, Haș Ionuț, 2009: “[Wastewater Treatment Processes Derived From Electroplating](#)”, International symposium "Natural Resources and Sustainable Development", Analele Universității din Oradea, Fascicula de Protecția Mediului, România, Vol. XIV, ISSN 1224-6255, pag.770 -774

3B6. Pantea Stelian, **Pantea Emilia**, Bako Liana, 2009: “[The Influence Of Soil Maintenance System On The Productivity Of Few Apple Varieties Imported From The EU](#)”, Analele Universității din Oradea, Fascicula de Protecția Mediului, România, Vol. XIV, ISSN 1224-6255, pag. 382-387

3B7. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, 2010: “[The Influence Of Temperature In The Processes Of Biological Anaerobic Treatment Of The Wastewater In The Food Industry](#)”, Analele Universității din Oradea, Fascicula de Protecția Mediului, România vol.XV, ISSN 1224-6255, România, pag. 719-724

3B8. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, 2010: “[The Effect of the Hydraulic Retention Time in the Anaerobic Digestion](#)”, Analele Universității din Oradea, România, vol.XV, ISSN 1224-6255, pag.725 – 728

3B9. Romocea Tamara, **Pantea Emilia**, 2010: “[Karst Aquifers As A Source Of Water. Case Study: Bratca Area](#)”, Analele Universității din Oradea, România, vol. XV, ISSN 1224-6255, pag.802-806

3B10. Ghergheleş Carmen, Ghergheleş Viorel, **Pantea Emilia**, 2011: “[Removal Of Cations From Thermally-Wasted Geothermal Waters](#)”, Natural Resources and Sustainable Development, vol. 5, University of Oradea Publishing House, ISSN-L 2066-62, pag. 164-168 DOI: 10.31924/nrsd

3B11. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen: 2011: “[Anaerobic Treatment of the Wastewater in the Food Industry](#)”, Analele Universității din Oradea, România, vol.XVI/A, ISSN 1224-6255, pag.435-440

3B12. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, 2011: “[Dialysis Water Treated By Reverse Osmosis](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol. XVII/B, ISSN 1224-6255, pag.773 -778

3B13. Romocea Tamara, **Pantea Emilia**. 2011: “[Studies on Identifying the Type and Rate of Corrosion of Metallic Materials in Geothermal Plants. Case Study](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România vol.XVI, ISSN 1224-6255, pag. 821-826

3B14. Romocea Tamara, **Pantea Emilia**, 2011: “[An Estimation of Corrosion Behaviour for Geothermal Water Transport and Storage Equipment in Bihor County, Romania](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România vol. XVII/B, ISSN 1224-6255, pag. 827-834

3B15. **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen, Cărbunaru M., 2012: “[The impact of waste water from treatment plant of Oradea on germination of lycopersicon esculentum](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol.XIX, ISSN 1224-625, pag.769-776

- 3B16.** Romocea Tamara, **Emilia Pantea**, Biro Melinda: 2012: “[Distribution of Metal Pollutants in Surface and Ground Water within Cris Rivers Drainage Basin](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol XIX, ISSN 1224-625, pag. 831-838
- 3B17.** Romocea Tamara, **Pantea Emilia**, Farkas Attila, 2012: “[Study on the Chemical Nature and Quality of Water from Springs Village Bratca](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol XIX, ISSN 1224-625, pag. 839 -842
- 3B18.** **Emilia Pantea**, Romocea Tamara, Ghergheles Carmen, Ioana Blaj, 2013: “[Comparison Of Efficiency Of Diferent Type Systems For Wastewater Treatment](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol XXI, ISSN 1224-625, pag. 665-674
- 3B19.** Romocea Tamara, **Pantea Emilia**, Groza Lidia, 2013: “[Research on the quality of water consumed by rural areas inhabitants of Bihor county](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol XXI, ISSN 1224-625, pag. 693-700
- 3B20.** **Pantea Emilia**, Romocea Tamara, Ghergheles Carmen, 2013: “[Study of the treatment process of wastewaters collected in Oradea](#)”, Natural resources and sustainable development, University of Oradea Publishing House, ISSN-L 2066-62, pag. 387 -392, DOI: 10.31924/nrsd
- 3B21.** Ghergheles Carmen, **Pantea Emilia**, 2014: “[Removal of Anions from Thermally Wasted Geothermal Waters](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, România, vol. XXIII, ISSN 1224-625, pag.659 -664
- 3B22.** **Pantea Emilia**, Ghergheles Carmen, Romocea Tamara, 2014: “[Biodiesel Production from Waste Cooking Oil](#)”, Analele Univeristății din Oradea, Facicula Protecția Mediului, România, vol. XXIII, SSN 1224-625, pag.727-736
- 3B23.** **Pantea Emilia Valentina**, 2014: “[Evaluation of Anaerobic Processes for Urban Wastewater Treatments under Various Temperature Conditions](#)” Analele Univeristății din Oradea, Facicula Protecția Mediului, România, vol. XXIII, SSN 1224-625, pag.737-742
- 3B24.** **Pantea Emilia Valentina**, 2014: “[Anaerobic Bioconversion of Urban Wastewaters - Source of Green Energy](#)”, Analele Universității din Oradea, Fascicula Protecția Mediului, vol. XXIII, ISSN 1224-625, pag.743 -748
- B25.** Onet Cristian, Romocea Tamara, **Pantea Emilia**, Onet Aurelia, 2014: “[The Physical and Chemical Characteristics of the Wastewaters from Food Processing Industry](#)”, Analele Universității din Oradea, Fascicula Protectia Mediului, vol. XXIII, ISSN 1224-625, pag 895-902
- 3B26.** **Pantea Emilia**, Carmen Ghergheles, Onet Aurelia, Supuran Anamaria, Vancu Nicolae, 2015: “[The integration of sludge from wastewater treatment plant in the environment](#)”, Natural Resources and Sustainable Development, vol. 5, University of Oradea Publishing House, ISSN-L 2066-62, pag. 105-110 DOI: 10.31924/nrsd
- 3B27.** Onet Cristian, Teusdea Alin, Onet Aurelia, Romocea Tamara, **Pantea Emilia**, Modog Traian, 2015: “[Variation of the water quality parameters depending on the water supply source of the food units](#)”, Natural Resources and Sustainable Development, vol. 5, University of Oradea Publishing House, ISSN-L 2066-62, pag. 85-96, DOI: 10.31924/nrsd
- 3B28.** Romocea Tamara, **Pantea Emilia**, Onet Aurelia, Onet Cristian, 2016: “[Influence of dam building on surface water quality. case study](#)”, Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XXVII, ISSN 1224-6255, pag 305-312
- 3B29.** Costea Monica, **Pantea, Emilia**, Carmen Ghergheles, Ani Moza, Ciuclea Mihaela Ana, 2017: “[Considerations regarding the historical pollution from the industrial area of the city of Oradea](#)”, Natural Resources and Sustainable Development, vol. 7, University of Oradea Publishing House, ISSN-L 2066-62, pag.9-20

3B30. Dinca Lucian, Onet Aurelia, Enescu Raluca, **Pantea Emilia**, Romocea Tamara, Timis-Gânsac Voichița, 2017: “[Chemical properties of forest soils from Bihor County](#)”, Natural Resources and Sustainable Development, vol. 7, University of Oradea Publishing House, ISSN-L 2066-62, pag. 35-42

3B31. Agud Eliza, Laslo Vasile, Zăpârțan Maria, **Pantea Emilia**, Oneț Aurelia, 2019: “[Factors with Differentiated Implication in the in Vitro Minituberization at Some Potato Varieties \(Solanum tuberosum L.\)](#)”, Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XXXIII, ISSN 1224-6255, pag 165-172

C) în alte reviste de specialitate de circulație internațională

3C1. **Pantea Emilia Valentina**, Ludovic Gilău, Moisi Elisa, Bagdi Carmen, 2012: *identification of biogas Potential from livestock Farms in Bihor County*– Környezetudatos Települések felé, ISBN 978-963-08-5294-4

D) în reviste din țară recunoscute C.N.C.S.I.S.

3D1. Romocea Tamara, **Pantea Emilia**, 2005: *Aspecte Privind Comportarea Materialelor Metalice Utilizate În Instalațiile De Valorificare A Energiei Geotermale*, Analele Universității Din Oradea, Fascicula: Protecția Mediului, ISSN 1224-6255

3D2. **Pantea Emilia**, Mirel I., Romocea Tamara, 2005: *Tipuri de reactoare utilizate în epurarea anaerobă și aerobă a apelor uzate din industria berii/The type of reactors which are used to clean the anaeroba and aeroba worn-Aut waters from the beer industry*, Fascicula Construcții Și Instalatii Hidroedilitare, Editura Universității din Oradea, Vol.VIII, pag.120-127

3D3. Mitrașcă Mihaela, Mirel I., Prada Marcela, Romocea Tamara, **Pantea Emilia**, 2005: *Degazarea Apelor Geotermale/Degazeification Of Geothermal Waters*, Fascicula Construcții Și Instalatii Hidroedilitare, Editura Universității din Oradea, Vol.VIII, pag.76-82,

3D4. Mirel I., **Pantea Emilia**, Romocea Tamara Mitrasca Mihaela, 2006: *Methods Of Efficient Reevaluation Of Biogas Obtained By Anaerobe Treatment Of Wastewater With A Minimum Impact On The Environment*, Fascicula Construcții Și Instalații Hidroedilitare, Editura Universității din Oradea, Vol.VIII, pag.30-34, Editura Universității Din Oradea

3D5. Mirel I., Mitrașcă Mihaela, **Pantea Emilia**, Abrudan Daniela, 2006: *Considerations regarding the energy revaluation of geothermal waters in the west of Romania*, Buletinul Stiințific al Universității Politehnica, Seria Mecanica, pag 361-370, Timisoara

3D6. Romocea T, **Emilia Valentina Pantea**, M. A. Mitrașcă, 2006: *"Corrosion speed of the steels used in the outfits of geothermal water italization in Oradea, Beius and Sacuieni. Comparative Study* Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol.XI, pag.183-190, ISSN 1224-6255

https://protmed.uoradea.ro/facultate/anale/protectia_mediului/2006/28.Romocea%20T.pdf

3D7. Mirel I., **Pantea Emilia**, Romocea Tamara, 2008: *Thermophilic anaerobic wastewater treatment*, Analele Universității din Oradea, Fascicula Protecția Mediului, vol XIII, ISSN. 1224-6255 pag. 454-458

https://protmed.uoradea.ro/facultate/anale/protectia_mediului/2008/im/Pantea%20Emilia.pdf

3D8. Tamara Romocea, **Pantea Emilia**, 2008: *Diagnosis methods used to estimate the behavioral mode of the geothermal fluid, in already running facilities*, Analele Universității din Oradea, Fascicula Protecția Mediului, vol XIII, ISSN. 1224-6255 pag. 459-467

https://protmed.uoradea.ro/facultate/anale/protectia_mediului/2008/im/Romocea.pdf

E) în alte reviste de specialitate de circulație națională cu (ISBN, ISSN)-

F) citări ISI/BDI/Alte reviste

F1. 3.1 Citări în reviste ISI și volumele conferințelor indexate WOS

3.1.1 Tamara Romocea, Aurelia Oneț, Nicu- Cornel Sabău, Cristian Oneț, Grigore Vasile Herman, **Emilia Pantea**, 2018: “[Change of the groundwater quality from industrial area Oradea, Romania, using geographic information systems \(GIS\)](#)”, *Environmental Engineering and Management Journal*, Vol 17, no 9, pag. 2189 - 2199, Impact Factor (2018): 1,148

CITAT ÎN:

3.1.1.1 Digitalization of garment in the context of circular economy by Adina Victoria Albu Tudor Caciora Zharas Berdenov Dorina Camelia Ilies Bogdan Sturzu, Daniela Sopota Grigore Vasile Herman Alexandru Ilies Gabriella Kecse Carmen Georgeta Ghergheles, *Industria Textilă*, vol. 72, no. 1, Published: 2021

3.1.1.2 The Analysis of the Ski Slopes and the Degree of Economic Dependence Induced by Winter Sports Tourism. The Case of Romania By Grigore Vasile Herman, Vasile Grama, Sorin Buhas, Lavinia Daiana Garai, Tudor Caciora, Alexandra Grecu, Andreea Karina Gruia, Oana Simona Hudea, Daniel Peptenatu *Sustainability* 2021, 13(24), 13698; <https://doi.org/10.3390/su132413698>

3.1.1.3 Preserving textile objects in Romanian wooden churches. Case study of the heritage wooden church form Oradea, Romania, By Ioan Oana, Liliana Indrie, Onet Aurelia s.a, *Industria Textilă*, 2020, volume. 71, nr.2

http://www.revistaindustriatextila.ro/images/2020/2/Industria%20Textila%20no%202_2020_web.pdf#page=15

3.1.1.4 Urban green spaces - A support for physical activities and tourism. Case study Oradea Municipality, Bihor, Romania By Filimon, Claudiu; Tatar, Corina Criste; Filimon, Luminita; Hermann, Laura Mariana, *Baltic Journal of Health and Physical Activity*, volume 13, pag. 27-39, DOI10.29359/BJHPA.13.Spec.Iss1.03 Published: 2021

3.1.1.5 Assessment of the Forest Health Through Remote Sensing Techniques in Valea Roșie Natura 2000 Site, Bihor County, Romania, By Blaga, L.; Josan, Ioana; Herman, G. V.; Grama, V.; Nistor, S.; Suba, N.-Sz., *Journal of Applied Engineering Sciences* Dec 2019, Vol. 90 Issue 2, pag. 207-215. 9p, **Impact Factor: 1,76**

3.1.1.6 Implementation of image processing techniques as a tool for form analysis of Romanian folk elements By: Indrie, Liliana; Zlatev, Zlatin; Ilies, Dorina Camelia; et al. *Industria Textilă*, Volume: 71 Issue: 5 Pages: 492- 498 Published: 2020

3.1.1.7 Quantitative water management in rabat, sale and timisoara drinking water system By Imane, Ziane; Ben Hachmi, Mohammed Karim; Halbac-Cotoara-Zamfir, Rares *Environmental Engineering and Management Journal* Volume: 18 Issue: 12 Pages: 2567-2577 Published: 2019

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3.2.13.2 The excess and deficit of precipitation in Deva, analyzed by the method of standardized precipitation anomaly By Şerban Eugenia, *Analele Universităţii din Oradea, Fascicula Protecţia Mediului* Vol. XXIV, 2015

3.2.14 **Pantea Emilia**, Carmen Ghergheleş, Onet Aurelia, Supuran Anamaria, Vancu Nicolae, 2015: “[The integration of sludge from wastewater treatment plant in the environment](#)”, *Natural Resources and Sustainable Development*, vol. 5, University of Oradea Publishing House, ISSN-L 2066-62, pag. 105-110 DOI: 10.31924/nrsd

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3.2.14.1 Sludge strategy In Caras Severin county and rehabilitation of contaminated sites By Tămaş Mariana, Man Teodor Eugen, Mirel Ion, Cococanu Adrian, *Natural Resources and Sustainable Development* Volume 8, Issue 2, pag. 76-86, 2018 DOI: 10.31924/nrsd.v8i2.010

3.2.15 **Pantea Emilia**, Romocea Tamara, Ghergheleş Carmen: 2011: “[Anaerobic Treatment of the Wastewater in the Food Industry](#)”, *Analele Universităţii din Oradea*, România, vol. XVI/A, ISSN 1224-6255, pag.435-440

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3.2.15.1 Microbial Treatment of Food Processing Wastewater and Recovery of Value-Added Bioactive Compounds: Current Scenario, Challenges, and Future Prospects By Jyoti Kaushal, Madhu Khatri, Shailendra Kumar Arya in *Microbial Technologies for Wastewater Recycling and Management* Edition 1st Published: 2022 Imprint CRC Press, Page 17 eBook ISBN9781003231738

3.2.16 I. Mirel, M.A. Mitrașcă, **Emilia Valentina Pantea**, D.M. Abrudan, 2006: “[The geothermal water treatment for water and energy resources conservation](#)”, *Environmental Engineering and Management Journal*, Vol.5, No.6, pag. 1245-1254, ISSN: 1582-9596

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3.2.16.1 The uncertainty analysis of the pipeline system By László POKORÁDI, U.P.B. Sci. Bull., Series D, Vol. 73, Issue 3, 2011 ISSN 1454-2358

5. Participări la congrese, conferințe, simpozioane, sesiuni de comunicări științifice

B) internaționale recunoscute (cu ISSN sau ISBN) țară și din străinătate

5B1. Pantea Emilia Valentina, Mirel I., Romocea Tamara, Mitrasca Mihaela, 2007: *Wastewater treatment technologies of beer industry of Romania*, HU-ISBN: 978-963-473-054-5, RO-ISBN: 978-973-759-298-9 Joint International Conference on Long-term Experiments, Agricultural Research and Natural Resources, HU-ISBN: 978-963-473-054-5, RO-ISBN: 978-973-759-298-9, pp 593-598 Debrecen-Nyírlugos, 31 may-1 June, 2007 w.agr.unideb.hu/colar/download/colar_program.pdf

5B2. Pantea Emilia Valentina, Mirel I., 2007: *Valorificarea potențialului organic a apelor uzate din industria alimentară cu obținere de biogaz* – Joint International Conference on Long-term Experiments, Agricultural Research and Natural Resources, Debrecen- Nyírlugos, Ungaria, 2007

5B3. Mirel I., Ghergheles, V., Popescu Daniela, **Pantea Emilia**, 2004: *Installation to produce and utilize biogas in countryside* – microCAD International Scientific Conference, University of Miskolc, Hungary

5B4. Liana Bako, **Pantea Emilia**, Stelian Pantea, 2010 : *The Use Of Information Technology Means To Capitalize Educational Potential At Biology Lessons* – The International Conference “Real & Virtual in Learners Development, Cluj-Napoca

5B5. Pantea Emilia Valentina, 2011: *Producing biogas from wastewater* – Környezettudatos Energiatermelés és – felhasználás, Környezet és Energia Könderencia, 25-26 November

5B6. Sabau Nicu Cornel, Laslo Vasile, Romocea Tamara, **Pantea Emilia**, Onet Aurelia, Onet Cristian, 2018: *Evolution of groundwater and surface water quality in the industrial area of Oradea*, Transtisza Agriculture days Commemorating the 250th anniversary of agricultural higher education in Debrecen, 7-7 September Debrecen Ungaria.

5B7. Agud Eliza, Laslo Vasile, Zăpârțan Maria, **Pantea Emilia**, Onet Aurelia, 2019. *Factors with Differentiated Implication in the in Vitro Minituberization at Some Potato Varieties (Solanum tuberosum L.)*, International Symposia “Risk Factors for Environment and Food Safety” & “Natural Resources and Sustainable Development” November 14-15, 2019, Oradea, România.

5B8. .C. Onet, **E. Pantea**, A. Teușdea, L. Dincă, N.C. Sabău, Onet Aurelia, V. Timiș-Gânsac, 2019. *Factors that influence the characteristics of the quality parameters of drinking water used in the food processing industry from Bihor County, Romania*, International U.A.B. – B.En.A. Conference Environmental Engineering and Sustainable Development, Iunie 20-21, Alba Iulia, Romania

5B9. E. Pantea, Onet Aurelia, C. Ghergheles, M.A. Costea, C. Onet, C. Sabău Nicu, E. Agud, S. Pantea, 2019. *Assessing the impact of technological wastewater on surface water resources*, International U.A.B. – B.En.A. Conference Environmental Engineering and Sustainable Development, Iunie 20-21, Alba Iulia, Romania

5B10. N.C. Sabău, S. Guler, V. Laslo, Onet Aurelia, M. Dumitru, **E. Pantea**, C. Onet, E. Serban, C. Mester, 2019. *Temporal and spatial monitoring of the groundwater quality in the western municipality of Oradea, Romania*, International U.A.B. – B.En.A. Conference Environmental Engineering and Sustainable Development, Iunie 20-21, Alba Iulia, Romania

5B11. C. Onet, **E. Pantea**, S. Pantea, Onet Aurelia, G. Herman, V. Timis-Gansac, E. Agud, 2019. *Microbiological screening of the fungi isolated from indoor environment in a cultural heritage museum from Bihor County, Romania*, International U.A.B. – B.En.A. Conference Environmental Engineering and Sustainable Development, Iunie 20-21, Alba Iulia, Romania

5B12. Pantea Emilia Valentina, Carmen Ghergheleş, Onet Aurelia, Eliza Agud, Stelian Pantea, 2018. The impact of technological wastewater from thermal power stations on the quality of surface waters,"GLOBAL and REGIONAL in ENVIRONMENTAL PROTECTION" Conference GLOREP 2018, November 2018, Timisoara, Romania.

5B13. Sabau Nicu Cornel, Laslo Vasile, Romocea Tamara, Onet Aurelia, **Pantea Emilia**, Onet Cristian, 2018. *The Influence of Economic Agents Restructuring from the Industrial Area of Oradea on the Quality of Groundwater and Surface Water*, International Symposia "Risk Factors for Environment and Food Safety" & "Natural Resources and Sustainable Development" November 9-10, 2018 Oradea, România.

5B14. Onet Cristian, A. Teusdea, Onet Aurelia, **Emilia Pantea**, N.-C. Sabau, V. Laslo, T. Romocea, E. Agud 2017. *Comparative Study Of Dairy And Meat Processing Wastewater Characteristics*, International U.A.B. – B.En.A. Conference Environmental Engineering and Sustainable Development, May 25-27, Alba Iulia, Romania

5B15. Cristian Onet, Alin Teuşdea, Onet Aurelia, **Emilia Pantea**, Tamara Romocea, 2016. *Comparative study of the dairy and meat processing wastewater characteristics*, 6th International Conference "Protection of Natural Resources and Environmental Management: The main Tools for Sustainability" PRONASEM 2016, Bucureşti.

5B16. Emilia Valentina Pantea, Carmen Ghergheleş, Onet Aurelia, Tamara Romocea, 2016. *Study regarding the quality of hemodialysis water*, 6th International Conference "Protection of Natural Resources and Environmental Management: The main Tools for Sustainability" PRONASEM 2016, Bucureşti.

C) naţionale:

5C1. Onet Cristian, Teuşdea Alin, Onet Aurelia, **Pantea Emilia**, Romocea Tamara, 2016. *A comparative study of the wastewater characteristics from dairy and meat processing industry*, Conferinţa International Symposia "Risk Factors for Environment and Food Safety" & "Natural Resources and Sustainable Development" November 4-5, 2016, Oradea, România.

5C2. Mirel I., **Pantea Emilia**, Romocea Tamara Mitrasca Mihaela, 2006. *Methods Of Efficient Reevaluation Of Biogas Obtained By Anaerobe Treatment Of Wastewater With A Minimum Impact On The Environment*, Conferinţa Internaţională "Tehnologii Pentru Mileniul III", Oradea

6. Proiecte/contracte/granturi de cercetare-dezvoltare-inovare:

A) obţinute prin competiţie pe bază de contract/grant internaţionale

6A1. Conducător pachet activităţi biomasă: HURO/0802/083_AF „Contributions to the efficient use of renewable energies in Bihor and Hajdu-Bihar – Regenerg (Universitatea din Oradea şi Universitatea din Debrecen, Ungaria) - 2011-2012, (873 925 euro), manager de proiect: şef lucrări dr. Costea Monica

6A2. *Expert tehnnic - Proiect nr. 5. 10226 – LLP – 1-2010 -1- GR – GRUNDTVIG – GMP: International LLP Grundtvig Project, Green Cultivation Actions, 2010-2011, (311 565 euro)*
manager proiect: conf. univ.dr. ing. Timar Adrian
Autor: Handbook for trainees – Managementul apelor uzate - Grundtvig – Multilateral Projects
“GREEN CULTIVATION ACTIONS” 2010-4042/510226-LLP-1-2010-1-GR-GRUNDTVIG-GMP/ECO-AGR

B) obținute prin competiție pe bază de contract/grant nationale

6B1. Membru proiect programul de formare în blended-learning, tehnologii educationale moderne si utilizarea TIC in procesul didactic derulat cu sprijinul financiar al proiectului POSDRU DidaTec - POSDRU/87/1.3/S/60891 „Scoala universitara de formare initiala si continua a personalului didactic si a trainerilor din domeniul specializarilor tehnice si ingineresti”. Universitatea tehnică din Cluj Napoca, Departamentul pentru Educație Continuă, Învățământ la distanță și cu frecvență redusă, 1 septembrie 2010 – 31 august 2013, (19.490.543 RON)

6B2. Cercetător postdoctorat proiect POSDRU/159/1.5/S/140106 „Studii doctorale și postdoctorale Orizont 2020 : promovarea interesului național prin excelență, competitivitate și responsabilitate în cercetarea științifică fundamentală și aplicată românească” Partener: Institutul de Economie Mondială. Grup de cercetare: Grup cercetări fundamentale economice, agricultură, securitatea și siguranța alimentelor (grup 5). Manager de proiect: C.S. I dr. Simona Moagăr-Poladian, iunie 2014 – septembrie 2015 (12.845.175 RON)

6B3. Formator student in cadrul proiectului POCU/379/6/21 – Antreprenor pentru viitor, cod 124167, Perioada de implementare: 24.05.2019 - 23.05.2021, Manager de proiect - Conf.univ.dr. CĂUȘ Vasile Aurel (7.282.442,22 lei);

C) contracte de cercetare cu mediul socio-economic -

D) alte lucrări de cercetare-dezvoltare, după caz-

7 A)Creații artistice prezentate la manifestări recunoscute, precum și, după caz, alte lucrări similare -

B)lucrări prezentate la diferite seminarii/expoziții și nepublicate etc.

8.. Recunoașterea prestigiului științific

A) Conducere de doctorat -

B) Referent in comisii de doctorat internationale in ultimii 5 ani -

C) Membru in colective de redactie ale unor reviste stiintifice recunoscute

8.C1. Membru în colectivul de redacție, Analele Universității din Oradea, Fascicula de Protecția Mediului

D) Referent atestat al unor reviste științifice cotate ISI sau indexate in BDI in ultimii 5 ani

8.D1. **Natural Resources and Sustainable Development;** 2018, 2020, 2022
http://protmed.uoradea.ro/facultate/publicatii/natural_resources

E) Expert științific atestat național:

8.E1. Expert atestat ARM 1998

- 1.1.expert atestat nivel principal RM -1, RIM- 1, BM-3
- 1.2.expert atestat nivel asistent - RM-11b, RM-11c, RM-13b

F) Premii -

G. Membru în asociații științifice și profesionale:

- 8G1.** Membru Societatea de Chimie din România
- 8G2.** Membru Societatea de Biochimie și Biologie Celulară
- 8G3.** Membru Asociația Română de Mediu 1998

Informații suplimentare:

- **Membru Comisie pentru Evaluarea și Asigurarea Calității Facultatea de Protecția Mediului**
- **Competente dobândite în cadrul unor programe de perfecționare**
 1. Certificat de absolvire formator seria N nr. 00203062 , cod COR 242401, 20.01.2020-24.01.2020 - Corporative Consulting SRL Oradea
 2. Certificat de absolvire specialist în activitatea de coaching, seria M nr. 00198794, cod COR 242412, 01.11.2020-03.12.2020 - Corporative Consulting SRL Oradea
 3. Certificat de absolvire evaluator de proiect seria M nr. 00218247, cod COR 241263, 23.10.2019 – 27.10.2019 – SC. Training Cariere SRL Pașcani:
 4. Certificat TAR-AK/442/05/2018 – Auditor intern pentru Sistemul de management de Mediu SR EN ISO 14001:2005 și SR EN ISO 19011:2011, 14.03.2018 – 16.03.2018 – TUV Austria România
 5. Certificat de absolvire responsabil de mediu, seria N nr. 00272251, cod COR 325710, organizat în perioada 05.05.-11.05.2015 - Public EuroConsulting SRL Oradea
 6. Certificat de atestare a competențelor profesionale seria B nr. 0002888, program postuniversitar de formare și dezvoltare profesională continuă blended-learning și tehnologii educationale moderne pentru învățământul universitar, domeniul Calculatoare și tehnologia informației, 2015, Universitatea Tehnică din Cluj - Napoca
 7. Certificat de absolvire responsabil de mediu, seria N nr. 00272251, cod COR 325710, organizat în perioada 05.05.-11.05.2015 - Public EuroConsulting SRL Oradea
 8. Certificat de atestare a competențelor profesionale seria B nr. 0002888, program postuniversitar de formare și dezvoltare profesională continuă blended-learning și tehnologii educationale moderne pentru învățământul universitar, domeniul Calculatoare și tehnologia informației, 2015, Universitatea Tehnică din Cluj - Napoca
 9. Certificat de absolvire seria J nr. 00272695, cod COR 242101, 12.07.2013-18.07.2013, Camera de Comerț și Industrie Bihor
- **Mobilități Erasmus Programme**
 1. Contracte Mobility from Archipelagos Institute of marine & environmental Research of the Aegean SEA, 19.08.2010-01.09.2010 – Erasmus Staff Training Project Erasmus- influence of the soil and water quality on the agricultural products in Samos Island, Eastern Aegean Sea,

- Arhipelagos, Institute of Marine & Environmental Research of the Aegean Sea, project Manager Timar Adrian
2. LLP/Erasmus Programme 2009/2010 - Mobility Politecnico di Torino (teaching staff mobility), 01.03.2010-14.03.2010 – Erasmus Staff Training. Project Erasmus: Metode și Tehnici de Studiu și analiză a sistemelor de producție, project manager Conf. univ. dr. Gherghel Sabina
 3. LLP/Erasmus Programme 2011/2012 - Mobility Slovak University of Agriculture in Nitra (teaching staff mobility), 14.05.2012-19.05.2012. Project Erasmus: Waste water management
 4. LLP/Erasmus Programme 2012/2013 - Mobility Alexander Technologico Institute of Thessaloniki (teaching staff mobility), 19.09.2012-25.09.2012. Project Erasmus: Research regardind wastewater management in agriculture and horticulture
 5. LLP/Erasmus Programme 2015/2016 - Mobility Nyiregyhazi Foiskola (teaching staff mobility), 10.05.2016-13.05.2016. Project Erasmus: Study of wastewater treatment processes derived from food industry
 6. LLP/Erasmus Programme 2016/2017 - Mobility Rzeszow university of technology (teaching staff mobility), Project Erasmus: Study of wastewater treatment processes derived from food industry
 7. LLP/Erasmus Programme 2021/2022 - Mobility Canakkale University (teaching staff mobility) 24.10.2022-28.10.2022. Project Erasmus: Waste water management

Declar pe propria răspundere că datele prezentate sunt în conformitate cu realitate

Data completării:
12.01.2023

Semnătura
Pantea Emilia Valentina