

Lista de lucrări

A. Teza de doctorat

1. Conurbația Deva-Hunedoara. Studiu de geografie aplicată., Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Geografie, Coordonator Prof Univ. Emerit Surd Vasile

B. Cărți publicate

1. **Dobrei, G. - C.** (2015), *Conurbația Deva-Hunedoara. Studiu de geografie aplicată*, Editura Presa Universitară Clujeană, ISBN 978-973-595-901-2;
<http://www.editura.ubbcluj.ro/bd/ebooks/pdf/1859.pdf>

C. Capitole în cărți

1. Cucos, A., Stănescu, S., Incze, R., Dicu, T., **Dobrei G.-C.**: *Protecția sănătății publice prin reducerea expunerii la radon – Provocări în contextul dezvoltării durabile în Dezvoltarea durabilă a României în context european: de la viziune la acțiune.* - București: UEFISCDI Publishing House, 2023, ISBN 978-606-95687-2-9 http://romania-durabila.gov.ro/wp-content/uploads/2023/04/Publicatia-CCDD-04.04.2023_electronic.pdf

D. Articole indexate ISI

1. Florică, Ș., Lupulescu, A., Dicu, T., Țenter, A., Moldovan, M.-C., **Dobrei, G.-C.**, Copaci, L., Cucos, A., (2024), *Radon Concentration Assessment in Urban Romanian Buildings: A Multistory Analysis*, Atmosphere 15(11), 1267. <https://doi.org/10.3390/atmos15111267>
2. **Dobrei, G.-C.**, Moldovan, M.-C., Dicu, T., Florică, Ș., Lupulescu, A., Țenter, A., Cucos, A., (2024), *Factors Influencing Radon Variability and Measurement Protocol Optimization in Romanian Educational Buildings Using Integrated and Continuous Measurements*, Atmosphere 15(10), 1154. <https://doi.org/10.3390/atmos15101154>
3. Bican-Brișan, N., **Dobrei, G. – C.**, Burghele, B. – D., Cucos, A.-L., (2022), *First Steps towards a National Approach for Radon Survey in Romanian Schools*, Atmosphere 13(1), 59. <https://doi.org/10.3390/atmos13010059>
4. Dicu, T., Burghele, B.-D., Botoș, M., Cucos, A., **Dobrei, G.-C.**, Florică, Ș., Grecu, Ș., Lupulescu, A., Pap, I., Szacsvai, K., Țenter, A., Sainz, C., (2021), *A new approach to radon temporal correction factor based on active environmental monitoring devices*, Scientific Reports 11, 9925. <https://doi.org/10.1038/s41598-021-88904-2>
5. Burghele, B.-D., Botoș, M., Beldean – Galea, S., Cucos, A., Catalina, T., Dicu, T., **Dobrei, G. – C.**, Florică, Ș., Istrate, A., Lupulescu, A., Moldovan, M.-C., Niță, D., Papp B., Pap, I., Szacsvai, K.,

- Sainz, C., Tunyagi, A., Țenter, A., (2021), *Comprehensive survey on radon mitigation and indoor air quality in energy efficient buildings from Romania*, Science of The Total Environment, Volume 751. <https://doi.org/10.1016/j.scitotenv.2020.141858>
6. Beldean-Galea, S., Dicu, T., Cucos, A., Burghel, B. – D., Catalina, T., Botoș, M., Țenter, A., Szacsvai, K., Lupulescu, A., Pap, I., **Dobrei, G. – C.**, Moldovan, M., Tunyagi, A., Florică, Ș., Pănescu, V., Sainz, C., (2020), *Evaluation of indoor air pollutants in 100 retrofit residential buildings from Romania during cold season*, Journal of Cleaner Production, Volume 277, <https://doi.org/10.1016/j.jclepro.2020.124098>
 7. Florică, Ș., Burghel, B. – D., Bican-Brișan, N., Begy, R., Codrea, V., Cucos, A., Catalina, T., Dicu, T., **Dobrei, G. – C.**, Istrate, A., Lupulescu, A., Moldovan, M., Niță, D., Papp, B., Pap, I., Szacsvai, K., Țenter, A., Sferle, T., Sainz, C., (2020), *The path from geology to indoor radon*, Environmental Geochemistry and Health **42**, 2655–2665 <https://doi.org/10.1007/s10653-019-00496-z>
 8. Sferle, T., **Dobrei, G. – C.**, Dicu, T., Burghel, B. – D., Brișan, N., Cucos, A., Catalina, T., Istrate, A., Lupulescu, A., Moldovan, M., Niță, D., Papp, B., Pap, I., Szacsvai, K., Florică Ș., Țenter, A., Sainz, C., (2020), *Variation of indoor radon concentration within a residential complex*, Radiation Protection Dosimetry, Volume 189, Issue 3, May 2020, Pages 279–285, <https://doi.org/10.1093/rpd/ncaa040>
 9. Tunyagi, A., Dicu, T., Cucos, A., Burghel, B. – D., **Dobrei G. – C.**, Lupulescu, A., Moldovan, M., Nita, D., Papp, B., Pap, I., Szacsvai, K., Tenter, A., Beldean-Galea, S., Anton, M., Grecu, Ș., Cioloca, L., Milos, R., Botos, M. – L., Chiorean, C. – G., Catalina, T., Istrate, A., Sainz, C., (2020), *An innovative system for monitoring radon and indoor air quality*, Romanian Journal of Physics, Volume 65, Number 1-2, https://rjp.nipne.ro/2020_65_1-2/RomJPhys.65.803.pdf
 10. **Dobrei, G. - C.**, Bodea, C. - P.(2012), *Demographic Changes in the Pădurenilor Region between 1850 and 2011*, Journal of Settlements and Spatial Planning, ISSN 2248-2199, p 97-102; http://geografie.ubbcluj.ro/ccau/jssp/arhiva_si1_2012/09JSSPSI012012.pdf

E. Articole indexate BDI

1. Roșian, Gh., Horvath, Cs., **Dobrei, G.-C.**, Benedek, R., (2018), *Spatial analysis of landslides using GIS. Case study: Hârtibaciu Plateau*, Riscuri și Catastrofe Journal, 22(1), P.31-40. DOI: 10.24193/RMJ2018_3 http://riscuriscatastrofe.reviste.ubbcluj.ro/Volume/XVII_Nr_22_1_2018/PDF/3_Rosian_31_40.pdf
2. **Dobrei, G.-C.**, Maloș, C., Tunyagi, A., Roșian, Gh., Țenter, A. (2018), *Comparison between technologies and costs related to sustainable utility networks in peripheral rural settlements*, ECOTERRA Journal of Environmental Research and Protection, ISSN 1584-7071, p 10-17; <http://www.ecoterra-online.ro/files/1526369240.pdf>

3. Florică, Șt., Dicu, T., Burghele, B., Moldovan, M., Szacsvai, K., Țenter, A., Papp, B., Beldean, S., Istrate, A., Catalina, T., Tunyagi, A., Horju-Deac, C., Răchișan, A., Sferle, T., **Dobrei, G.-C.**, Sainz, C., Cucuș, A., (2017) *Indor radon related with the geology in Romanian urban agglomerations (Cluj-Napoca)*, *Studia Universitatis Babes-Bolyai*, seria Ambientum ISSN 1843-3855; http://studia.ubbcluj.ro/download/pdf/Ambientum/2017_2/03.pdf
4. Tunyagi, A., Dicu, T., Szacsvai, K., Papp, B., **Dobrei, G.-C.**, Sainz, C. Cucuș, A., (2017), *Automatic system for continuous monitoring of indoor air quality and remote data transmission under SMART_RAD_EN project*, *Studia Universitatis Babes-Bolyai*, seria Ambientum ISSN 1843-3855; http://studia.ubbcluj.ro/download/pdf/Ambientum/2017_2/07.pdf
5. Roșian, Gh., **Dobrei G.-C.**, Muntean, O.-L., Maloș, C.-V., (2017), *Strategic Assessment of the Impact of Industrial and Economic Activities in the Deva-Hunedoara Conurbation Using the Riam Method*, *Studia Universitatis Babes-Bolyai*, seria Ambientum ISSN 1843-3855; http://studia.ubbcluj.ro/download/pdf/Ambientum/2017_1/07.pdf
6. **Dobrei, G.-C.** (2016), *Strategic Assessment of the Environmental Impact in Deva-Hunedoara Conurbation Using RIAM Method – Preliminary Results*, *Studia Universitatis Babes-Bolyai*, seria Ambientum ISSN 1843-3855; http://studia.ubbcluj.ro/download/pdf/Ambientum/2016_1_2/03.pdf
7. Roșian, Gh., Maloș, C.-V., Muntean, O.-L., Mihaiescu, R., **Dobrei G.-C.**, (2016), *Geomorphological constraints in the urban development of the Gruia district in Cluj-Napoca*. *Studia Universitatis Babes-Bolyai*, seria Ambientum ISSN 1843-3855, Vol. 61 Issue 1/2, p119-127; <http://studia.ubbcluj.ro/download/pdf/1058.pdf>
8. Margin, C., Moldovan, M. - C., Iurean Andra - Rada, Niță, D. - C., **Dobrei, G. - C.**, Cosma, C.(2011), *Study on the radioactivity of the Sărmaș lignite, Sălaj county*, *ECOTERRA Journal of Environmental Research and Protection*, ISSN 1584-7071, p 90-93; <http://www.ecoterra-online.ro/files/1331042210.pdf>

F. Articole publicate în volume sau numere special ale unor reviste dedicate conferințelor

1. **Dobrei, G. - C.** (2013), *Historical aspects of water management in the lower basin of Cerna, Cinciș - Sântuhalim sector*, Conferința Aerul și apa - componente ale mediului, ISSN/EISSN: 2067743X, p 431-435; http://aerapa.conference.ubbcluj.ro/2013/pdf/54%20dobrei%20431_435.pdf
2. **Dobrei, G. - C.**, Surd, V., Orban Oana (2011), *Territorial lines of force within the Deva-Hunedoara conurbation*, International Conference on Environment, Economics, Energy, Devices, Systems, Communications, Computers, Mathematics, ISBN: 978-1-61804-044-2, p 85 - 89; <http://www.wseas.us/e-library/conferences/2011/Drobeta/IAASAT/IAASAT-00.pdf>
www.wseas.us/e-library/conferences/2011/Drobeta/IAASAT/IAASAT-13.pdf