ANEXA 1

FIŞĂ DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂŢII

Conform cu Hotărârea Senatului Universităţii „Alexandru Ioan Cuza” din Iaşi
Nr. 35 din data de 22.11.2018

Drd. Andrei URZICĂ

Descriptori	Punctaj
1. Articole ştiinţifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact	(60 puncte x factor de impact + 25) / număr autori
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. **[IF 0.692].**	22.17
Stoleriu, C.C., Urzică, A., & Mihu-Pintilie, A. (2020), Improving flood risk map accuracy using high-density LiDAR data and the HEC-RAS river analysis system: A case study from north-eastern Romania. Journal of Flood Risk Management, 13, e12572, https://doi.org/10.1111/jfr3.12572, **[IF 3.066].**	39.65
Huţanu, E., Mihu-Pintilie, A., Urzică, A., Paveluc, L.E., Stoleriu, C.C., & Grozavu, A. (2020). Using 1D HEC-RAS Modeling and LiDAR Data to Improve Flood Hazard Maps Accuracy: A Case Study from Jijia Floodplain (NE Romania). Water, 12, 1624, https://doi.org/10.3390/w12061624, **[IF 2.544].**	29.60
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057, **[IF 2.544].**	25.37
Urzică, A., Grozavu, A., (2021). Flood hazard assessment in the joint floodplain sector of Baseu and Prut rivers (NE Romania) by reconstructing historical flood events. Carpathian Journal of Earth and Environmental Sciences, 16(2) 275-286, DOI:10.26471/cjees/2021/016/173 **[IF 1,347].**	52.91
Cîmpianu, C.I., Mihu-Pintilie, A., Stoleriu, C.C., Urzică, A., Huţanu, E., (2021). Managing Flood Hazard in a Complex Cross-Border Region Using Sentinel-1 SAR and Sentinel-2 Optical Data: A Case Study from Prut River Basin (NE Romania). Remote Sensing, 13(23), 4934, https://doi.org/10.3390/rs13234934 **[IF 4,848].**	63.17
Total descriptor 1.	**232.87**
4a. Articole ştiinţifice publicate *in extenso* în volumele conferințelor (indexate ISI)	30 puncte / număr autori

Urzică, A., Mihu-Pintilie, A., Huțanu, E., Ghindăoanu, V.B., Albu, L.M., (2018). Using GIS methods for modelling exceptional flood events in Baseu river basin, NE Romania. Geobalcanica 4th International Scientific Conference, 15-16 may 2018, Ohrid, Republic of Macedonia, pp. 463 – 471, http://dx.doi.org/10.18509/GBP.2018.51	6
Huțanu, H., Mihu-Pintilie, A., Urzică, A., (2018). The use of GIS techniques for obtaining potentially floodable surfaces in the jijia floodplain. Geobalcanica 4th International Scientific Conference, 15-16 may 2018, Ohrid, Republic of Macedonia, pp. 473 – 480, http://dx.doi.org/10.18509/GBP.2018.52.	10
Ghindăoanu, V.B., Huțanu, E., Urzică, A., (2018). The GIS modeling of the terrain favorability for the placement of constructions in the areas with hydro-geomorphological risk. Geobalcanica 4th International Scientific Conference, 15-16 mai 2018, Ohrid Republic of Macedonia, pp. 22 – 30. http://dx.doi.org/10.18509/GBP.2018.03.	10
Enea, A., Albu, LM., Iosub, M., Urzică, A., (2018). Comparative,multi-parameter modelling, at a basinal and sub-basinal level, for flood vulnerability, in Tecucel watershed. Geobalcanica 4th International Scientific Conference, 15-16 mai 2018, Ohrid, Republic of Macedonia, pp. 549 – 480, http://dx.doi.org/10.18509/GBP.2018.60.	7.5
Huțanu, E., Urzică A., Enea, E., (2018). Evaluation of damages caused by flood, based on satellite images. Case study: Jijia River, Slobozia-Dângeni Sector, July 2010. Present Environment and Sustainable Development, 12(2), 135-146, doi:10.2478/pesd-2018-0035.	10
Enea, A., Iosub, M., Albu, L.M., Urzică, A., Stoleriu, P.A., (2019). Multi-criterial GIS analysis for identifying optimum location for vineyeard placement. Case Study: Moldova Region, Romania. 19th International Multidisciplinary Scientific GeoConference SGEM, Albena, https://doi.org/10.5593/sgem2019/2.2.	6
Urzică, A., Huțanu, E., Mihu-Pintilie, A., Stoleriu, C.C., (2019). Using HEC-RAS software to analyze 6 parameters regarding the manifestation of flood events. A case study of Bașeu River lowland, NE Romania. Geobalcanica 5th International Scientific Conference, 13-14 june, Sofia, Republic of Bulgaria, http://dx.doi.org/10.18509/GBP.2019.75.	7.5
Huțanu, E., Urzică, A., Paveluc, L.E., Stoleriu, C.C., Grozavu, A., (2019). Comparative analyis of flooded area using satellite images Landsat 7-ETM+ and hydrauliic model HEC-RAS. Case Study: The Jijia River, Slobozia-Dîngeni Section. Geobalcanica 5th International Scientific Conference, 13-14 june, Sofia, Republic of Bulgaria, http://dx.doi.org/10.18509/GBP.2019.72.	6
Șorea, I., Stoleriu, C.C., Ursu, A., Urzică, A., (2019). Assessment of the population exposed to road generated traffic noise. Case Study: Vaslui town, Romania. Geobalcanica 5th International Scientific Conference, 13-14 june, Sofia, Republic of Bulgaria, http://dx.doi.org/10.18509/GBP.2019.71.	7.5
Urzică, A., Huțanu, E., Mihu-Pintilie, A., Stoleriu C.C., (2019). Dam break analysis using HEC-RAS tecniques. Case study: Cal Alb dam (NE Romania). 16th International Conference on Environmental Science and Technology, 4-7 September, Rhodes, Greece,https://cest2019.gnest.org/sites/default/files/presentation_file_list/cest2019_00299_posterf_paper.pdf.	7.5
Huțanu, E., Urzică, A., Paveluc, L.E., Stoleriu, C.C., Grozavu, A., (2019). The role of hydro-technical works in diminishing flooded areas. Case study: the June 1985 flood on the Miletin River. 16th International Conference on Environmental Science and Technology, 4-7 September, Rhodes, Greece,	6

https://cest2019.gnest.org/sites/default/files/presentation_file_list/cest2019_00293_posterf_paper.pdf.	
Total descriptor 2.	**84**
4b. Articole ştiinţifice publicate *in extenso* în volumele conferinţelor (indexate BDI)	15 puncte / număr autori
Ghindăoanu, V.B., Huțanu, E., Urzică, A., (2018). The GIS modeling of the terrain favorability for the placement of constructions in the areas with hydro-geomorphological risk. Acta Geobalcanica, 5(1), 21-28, https://doi.org/10.18509/AGB.2019.03.	5
Urzică, A., Huțanu, E., Pricop, C., Mihu-Pintilie, A., (2019). GIS Modeling for Dam Reconstruction. Case Study: Nichiteni Dam, Botoșani County. Air and Water–Components of the Environment Conference, Cluj-Napoca, Romania, p. 261-270, doi: 10.24193/AWC2019_26.	3.75
Huțanu, E., Urzică, A., Ghindăoanu, V.B., (2019). Water Parameters Physico-Chemical Variation in the Phreatic Aquifer of Băiceni Locality, Botosani County. Air and Water–Components of the Environment Conference, Cluj-Napoca, Romania, p. 207-216, doi: 10.24193/AWC2019_21.	5
Pricop, C., Balan, I., Crengăniș, C., Corduneanu, F., Urzică, A., (2018). Runoff simulation in large rural and urban areas using Mike 21 Flexible Mesh modeling. RevCAD Journal of Geodesy and Cadastre, 25(2), http://revcad.uab.ro/upload/44_713_Pricop_Balan_Crenganis.pdf	3
4c. Articole ştiinţifice publicate *in extenso* în volumele conferinţelor (alte categorii)	5 puncte / număr autori
Urzică, A., Stoleriu, C.C., Pricop, C., Huțanu, E., Romanescu, Gh., (2018). Simularea unui debit constant în cazul producerii unei inundații, folosind HEC-Ras și datele hidrologice calculate de autoritățile regionale. Studiu de caz: Bazinul hidrografic Bașeu (NE României). Jurnalul Est European de Sisteme Informaționale Geografice și Teledetecție, 2(1), http://www.geomatica.uaic.ro/articole/EEJGISRS/NR.2%202018/Volum-2-SIG-Articol%204.pdf.	1
Șorea, I., Stoleriu, C.C., Urzică, A., Romanescu, Gh., (2018). Modelarea zgomotului urban generat de traficul rutier. Studiu de caz: zona centrală a municipiului Vaslui. Jurnalul Est European de Sisteme Informaționale Geografice și Teledetecție, 2(1), http://www.geomatica.uaic.ro/articole/EEJGISRS/NR.2%202018/Volum-2-SIG-Articol%205.pdf.	1.25
Racariu, V., Stoleriu, C.C., Urzică, A., (2018). Evaluarea calității apei freatice. Studiu de caz: localitatea Ruseni, Județul Neamț”, Jurnalul Est European de Sisteme Informaționale Geografice și Teledetecție, 2(1), http://www.geomatica.uaic.ro/articole/EEJGISRS/NR.2%202018/Volum-2-SIG-Articol%206.pdf.	1.66
Total descriptor 4.	**20.66**
12. Citări şi recenzii ale lucrărilor ştiinţifice	*reviste de specialitate din străinătate: (10 + 20 x

	factor de impact) / număr autori, pentru fiecare citare; **reviste de specialitate din tara: (5 + 10 x factor de impact) / număr autori, pentru fiecare citare;
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat:** Saha, T.K., Pal, S. & Sarda, R. Impact of river flow modification on wetland hydrological and morphological characters. Environ Sci Pollut Res (2022). https://doi.org/10.1007/s11356-022-21072-6 **IF 4.223**	31.48
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Spero, H., Calhoun, D., & Shubert, M. (2022). Simulating the 1976 Teton Dam Failure using Geoclaw and HEC-RAS and comparing with Historical Observations. arXiv preprint arXiv:2206.00766 **IF 0**	3.33
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Bilali, A. E., Taleb, I., Nafii, A., & Taleb, A. (2022). A practical probabilistic approach for simulating life loss in an urban area associated with a dam-break flood. *International Journal of Disaster Risk Reduction*, *76*, 103011. **IF 4.32**	24.1
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Iroume, J. Y. A., Onguéné, R., Djanna Koffi, F., Colmet-Daage, A., Stieglitz, T., Essoh Sone, W., ... & Etame, J. (2022). The 21st August 2020 Flood in Douala (Cameroon): A Major Urban Flood Investigated with 2D HEC-RAS Modeling. *Water*, *14*(11), 1768. **IF 3.103**	5.54
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Theochari, A. P., & Baltas, E. (2022). Holistic hydrological approach to the fire event on August 2021 in Evia, Greece. *Euro-Mediterranean Journal for Environmental Integration*, 1-12. **IF 0**	5

Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Theochari, A. P., & Baltas, E. (2022). Holistic hydrological approach to the fire event on August 2021 in Evia, Greece. *Euro-Mediterranean Journal for Environmental Integration*, 1-12. **IF 3.103**	36.03
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Maranzoni, A., D'Oria, M., & Mazzoleni, M. (2022). Probabilistic flood hazard mapping considering multiple levee breaches. *Water Resources Research*, *58*(4), e2021WR030874. **IF 5.240**	38.26
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Spero, H. R., Vazquez-Lopez, I., Miller, K., Joshaghani, R., Cutchin, S., & Enterkine, J. (2022). Drones, virtual reality, and modeling: communicating catastrophic dam failure. *International Journal of Digital Earth*, *15*(1), 585-605. **IF 3.538**	13.76
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Tedla, M. G., Cho, Y., & Jun, K. (2021). Flood Mapping from Dam Break Due to Peak Inflow: A Coupled Rainfall–Runoff and Hydraulic Models Approach. *Hydrology*, *8*(2), 89. **IF 0**	3.33
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Varlas, G., Papadopoulos, A., Papaioannou, G., & Dimitriou, E. (2021). Evaluating the forecast skill of a hydrometeorological modelling system in Greece. *Atmosphere*, *12*(7), 902. **IF 2.686**	15.9
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Damte, F., G_Mariam, B., Ayana, M. T., Lohani, T. K., Dhiman, G., & Shabaz, M. (2021). Computing the sediment and ensuing its erosive activities using HEC-RAS to surmise the flooding in Kulfo River in Southern Ethiopia. *World Journal of Engineering*. **IF 0**	1.66
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057	31.11

***Citat în:** Costabile, P., Costanzo, C., Ferraro, D., & Barca, P. (2021). Is HEC-RAS 2D accurate enough for storm-event hazard assessment? Lessons learnt from a benchmarking study based on rain-on-grid modelling. *Journal of Hydrology*, *603*, 126962. **IF 5.722**	
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Bilașco, Ș., Roșca, S., Vescan, I., Fodorean, I., Dohotar, V., & Sestras, P. (2021). A GIS-Based Spatial Analysis Model Approach for Identification of Optimal Hydrotechnical Solutions for Gully Erosion Stabilization. Case Study. *Applied Sciences*, *11*(11), 4847. **IF 2.679**	10.59
Urzică, A., Mihu-Pintilie, A., Stoleriu, C.C., Cîmpianu, C.I., Huţanu, E., Pricop, C.I. & Grozavu, A., (2021). Using 2D HEC-RAS Modeling and Embankment Dam Break Scenario for Assessing the Flood Control Capacity of a Multi-Reservoir System (NE Romania). Water, 13(1), 57, https://doi.org/10.3390/w13010057 ***Citat în:** Gaagai, A., Aouissi, H. A., Krauklis, A. E., Burlakovs, J., Athamena, A., Zekker, I., ... & Chenchouni, H. (2022). Modeling and Risk Analysis of Dam-Break Flooding in a Semi-Arid Montane Watershed: A Case Study of the Yabous Dam, Northeastern Algeria. *Water*, *14*(5), 767. **IF 3.103**	8.06
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101.***Citat în:** Albu, L. M., Enea, A., Iosub, M., & Breabăn, I. G. (2020). Dam Breach Size Comparison for Flood Simulations. A HEC-RAS Based, GIS Approach for Drăcșani Lake, Sitna River, Romania. *Water*, *12*(4), 1090. **IF 3.103**	18.01
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Iosub, M., Minea, I., Chelariu, O. E., & Ursu, A. (2020). Assessment of flash flood susceptibility potential in Moldavian Plain (Romania). *Journal of Flood Risk Management*, *13*(4), e12588. **IF 3.884**	21.72
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Tamiru, H., & Dinka, M. O. (2021). Application of ANN and HEC-RAS model for flood inundation mapping in lower Baro Akobo River Basin, Ethiopia. *Journal of Hydrology: Regional Studies*, *36*, 100855. **IF 5.023**	55.23
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Ursu, A., Stoleriu, C. C., Ion, C., Jitariu, V., & Enea, A. (2020). Romanian natura 2000 network: Evaluation of the threats and pressures through the Corine land cover dataset. *Remote Sensing*, *12*(13), 2075. **IF 4.848**	31.39

Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Tamiru, H., & Wagari, M. (2022). Machine-learning and HEC-RAS integrated models for flood inundation mapping in Baro River Basin, Ethiopia. *Modeling Earth Systems and Environment*, *8*(2), 2291-2303. **IF 0**	5
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Dobri, R. V., Sfîcă, L., Amihăesei, V. A., Apostol, L., & Țîmpu, S. (2021). Drought extent and severity on arable lands in Romania derived from normalized difference drought index (2001–2020). *Remote Sensing*, *13*(8), 1478. **IF 4.848**	21.39
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Tamiru, H., & Wagari, M. (2021). RUSLE Model Based Annual Soil Loss Quantification for Soil Erosion Protection in Fincha Catchment, Abay River Basin, Ethiopia. **IF 0**	5
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Iosub, M., & Enea, A. (2022). Flood Early Warning and Risk Modelling. *Hydrology*, *9*(4), 57. **IF 0**	5
Enea, A., Urzică, A., & Breabăn I.G., (2018). Remote sensing, GIS and HEC-RAS techniques, applied for flood extent validation, based on Landsat imagery, LiDAR and hydrological data. Case study: Bașeu River, Romania. Journal of Environmental Protection and Ecology, 19(3), 1091-1101. ***Citat în:** Ghindaoanu, B. V., Hutanu, E., Paveluc, L., & Dumitriu, D. (2019). THE MAPPING OF FLOODPLAINS WITH FOUR PROBABILITIES OF EXCEEDING AND THE HIGHLIGHTING OF FLOODABLE LAND AREAS FOR THE BISTRITA VALLEY MIDDLE MOUNTAIN AREA, BETWEEN THE BROȘTENI AND POIANA TEIULUI LOCALITIES. **IF 0**	2.5
Stoleriu, C.C., Urzică, A., & Mihu-Pintilie, A. (2020), Improving flood risk map accuracy using high-density LiDAR data and the HEC-RAS river analysis system: A case study from north-eastern Romania. Journal of Flood Risk Management, 13, e12572, https://doi.org/10.1111/jfr3.12572, ***Citat în:** Costabile, P., Costanzo, C., Ferraro, D., Macchione, F., & Petaccia, G. (2020). Performances of the new HEC-RAS version 5 for 2-D hydrodynamic-based rainfall-runoff simulations at basin scale: comparison with a state-of-the art model. *Water*, *12*(9), 2326. **IF 3.103**	14.41
Stoleriu, C.C., Urzică, A., & Mihu-Pintilie, A. (2020), Improving flood risk map accuracy using high-density LiDAR data and the HEC-RAS river analysis system: A case study from north-eastern Romania. Journal of Flood Risk Management, 13, e12572, https://doi.org/10.1111/jfr3.12572, ***Citat în:** Ekmekcioğlu, Ö., Koc, K., & Özger, M. (2021). District based flood risk assessment in Istanbul using fuzzy analytical hierarchy	25.86

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Total descriptor 12.	**1021.35**
19. Participări la manifestări ştiinţifice	Internaţionale: *membru comitet organizare / consiliu stiintific, 15 puncte pentru fiecare activitate; **raportor pe sectiuni/panel uri, 10 puncte pentru fiecare activitate.
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Total descriptor 19.	**424**
TOTAL	**1782.22**

Data: 10.06.2022

Iasi, ROMANIA

Drd. Andrei URZICĂ