FIȘĂ DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE

Dr. ing. Constantin Radu GOGU

Inginerie civilă, inginerie geologică, mine, petrol și gaze; inginerie aerospațială, autovehicule și transporturi; ingineria resurselor vegetale și animale; inginerie industrială și management.
Profesor universitar, cercetător științific gradul I.
I_1≥3 și P≥1,5 și C≥3

VALORI: I=3.38 P=2.98 C=62.67

Nr. pub.	Referință bibliografică	s_i	n_i	p_i	s_i/n_i	s_i/p_i
1	*Sensitivity analysis for the EPIK vulnerability assessment in a small karstic aquifer*; Radu Constantin GOGU, Alain DASSARGUES; Hydrogeology Journal - Journal of the International Association of Hydrogeologists, Springer - Verlag, Germany, v.8, Issue 3, June 2000, pp.337-345	1.364	2	1	0.682	1.364
2	*Current trends and future challenges in groundwater vulnerability assessment using overlay and index methods*; Radu Constantin Gogu, Alain Dassargues; Environmental Geology - International Journal of Geosciences, Springer - Verlag, Germany, v.39 (6) April 2000, pp.549-559	0.828	2	1	0.414	0.828
3	*GIS based hydrogeological databases and groundwater modelling*; Radu Constantin Gogu, Guy Carabin, Vincent Hallet, Valerie Peters, and Alain Dassargues; Hydrogeology Journal - Journal of the International Association of Hydrogeologists, Springer - Verlag, Germany , v.9, Issue 6, December 2001, pp.555-569.	1.364	5	5	0.2728	0.2728
4	*Comparison between vulnerability assessment techniques. Application to the Néblon river basin (Belgium)*,Radu Constantin Gogu, Vincent Hallet, and Alain Dassargues; Environmental Geology - International Journal of Geosciences, Springer - Verlag, Germany v.44 (8) November 2003, pp.881-892	0.828	3	3	0.276	0.276
5	*Remote sensing of landslides: an analysis of the potential contribution to geo-spatial systems for hazard assessment in mountainous environments*, Graciela Metternicht, Lorenz Hurni , Radu Gogu, Remote Sensing of Environment, Elsevier, Canada, v. 98/2-3, pp. 284 – 303	3.345	3		1.115	0
6	*A geo-spatial data management system for potentially active volcanoes-GEOWARN project*, Radu C. Gogu, Volker J. Dietrich, Bernhard Jenny, Florian M. Schwandner, Lorenz Hurni; Computer & Geosciences, Elsevier, Canada, v. 32/1, pp. 29-41	1.239	5	5	0.2478	0.2478
	A new spatial multi-criteria decision support tool for site selection for implementation of managed aquifer recharge, M.A. Rahman, B. Rustemberg, R.C. Gogu, J.P. Lobo Ferreira, M. Sauter, Journal of Enviroenmental	1.239	5	5	0.2478	0

	Management, Volume 99, 30 May 2012, Pages 61–75, doi.org/10.1016/j.jenvman.2012.01.003.					
7	*Development of a database linked to a GIS for coupling with groundwater modelling tools*, I. Ruthy, Ph. Orban, R.C. Gogu, A. Dassargues, EPMESC IX – The 9th International Conference on Enhancement and Promotion of Computational methods in engineering science, 5 – 8 August 2003, Macao, China	0.5	4		0.125	0
Total:					**I_1**	**P**
					3.3804	**2.9886**

Pentru C

Numărul publicatiei care citeaza	**Referinta bibliografica a publicatiei citate**	**s_k**	$\sum_k s_k$	**n_i**	$\frac{1}{n_i}\sum_k s_k$
Sensitivity analysis for the EPIK vulnerability assessment in a small karstic aquifer; Radu Constantin GOGU, Alain DASSARGUES; Hydrogeology Journal - Journal of the International Association of Hydrogeologists, Springer - Verlag, Germany, v.8, Issue 3, June 2000, pp.337-345			**7.754**	**2**	**3.877**
1	Hani Al-Amoush, NezarAtallaHammouri, Franz Zunic and Elias Salameh, *Intrinsic Vulnerability Assessment for the Alluvial Aquifer in the Northern Part of Jordan Valley*,Water Resources Management,Volume 24, Number 13, 3461-3485, DOI: 10.1007/s11269-010-9615-y	1.324			
2	Juan J Martínez-Bastida, Mercedes Arauzo, Maria Valladolid, *Intrinsic and specific vulnerability of groundwater in central Spain: the risk of nitrate pollution*,Hydrogeology Journal (2009), Volume: 18, Issue: 3, Publisher: Springer Berlin / Heidelberg, Pages: 681-698,DOI: 10.1007/s10040-009-0549-5	1.364			
3	Pathak, Dhundi Raj; Hiratsuka, Akira; Awata, Isao; Chen, DOI: 10.1007/s00254-008-1432-8 Published: JUN 2009, Luonan, *Groundwater vulnerability assessment in shallow aquifer of Kathmandu Valley using GIS-based DRASTIC model*, Environmental Geology, Volume 57, Issue 7, pp.1569-1578	0.829			
4	*Karst and artificial recharge: Theoretical and practical problems A preliminary approach to artificial recharge assessment*, Daher Walid, Pistre Severin, Kneppers Angeline, Bakalowicz Michel, Najem Wajdi; JOURNAL OF HYDROLOGY Volume: 408 Issue: 3-4 Pages: 189-202 DOI: 10.1016/j.jhydrol.2011.07.017 Published:2011	2.873			
5	Al-Hanbali, Ahmad; Kondoh, Akihiko, *Groundwater vulnerability assessment and evaluation of human activity impact (HAI) within the Dead Sea groundwater basin, Jordan*, Hydrogeology Journal,	1.364			

	Volume 16, Issue 3, pp.499-510				
GIS based hydrogeological databases and groundwater modelling; Radu Constantin Gogu, Guy Carabin, Vincent Hallet, Valerie Peters, and Alain Dassargues; Hydrogeology Journal - Journal of the International Association of Hydrogeologists, Springer - Verlag, Germany , v.9, Issue 6, December 2001, pp.555-569.			**32.356**	**5**	**6.471**
1	Piotr Wojda, Serge Brouyère, Johan Derouane and Alain Dassargues, *HydroCube: an entity-relationship hydrogeological data mode, l*Hydrogeology Journal Volume 18, Number 8, 1953-1962, DOI: 10.1007/s10040-010-0653-6	1.364			
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5	Alessandro Comunian, Philippe Renard, *Introducing wwhypda : a world-wide collaborative hydrogeological,* Hydrogeology Journal doi:10.1007/s10040-008-0387-x	1.364			
6	Bin He, KeijiTakase and Yi Wang, *Numerical simulation of groundwater flow for a coastal plain in Japan: data collection and model calibration*, Environmental Geology ,Volume 55, Number 8, 1745-1753, DOI: 10.1007/s00254-007-1125	0.829			
7	Battle-Aguilar J. Orban P., Dassargues A., Brouyere S. - *Identification of groundwater quality trends in a chalk aquifer threatened by intensive agriculture in Belgium.* (2007) Hydrogeology Journal 15(8) 1615-1627 doi: 10.1007/s10040-007-0204-y	1.364			
8	H. Vijith and R. Satheesh - *Geographical Information System based assessment of spatiotemporal characteristics of groundwater quality of upland sub-watersheds of Meenachil River, parts of Western Ghats, Kottayam District, Kerala, India*, Environmental Geology ,Volume 53, Number 1, 1-9,	0.826			
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13	Jesús Carrera, Andrés Alcolea, Agustín Medina, Juan Hidalgo and Luit J. Slooten, *Inverse problem in hydrogeology* - Hydrogeology Journal ,Volume 13, Number 1, 206-222, DOI: 10.1007/s10040-004-0404-7	1.364	
14	Peter B. Scharling, Erik S. Rasmussen, Torben O. Sonnenborg, Peter Engesgaard and Klaus Hinsby - *Three-dimensional regional-scale hydrostratigraphic modeling based on sequence stratigraphic methods: a case study of the Miocene succession in Denmark* Hydrogeology Journal ,Volume 17, Number 8, 1913-1933, DOI: 10.1007/s10040-009-0475-6	1.367	
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18	*GIS-based groundwater spring potential mapping in the Sultan Mountains (Konya, Turkey) using frequency ratio, weights of evidence and logistic regression methods and their comparison*. Ozdemir Adnan. JOURNAL OF HYDROLOGY Volume: 411 Issue: 3-4 Pages: 290-308 DOI:10.1016/j.jhydrol.2011.10	2.873			
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20	*Using a binary logistic regression method and GIS for evaluating and mapping the groundwater spring potential in the Sultan Mountains (Aksehir, Turkey).* Ozdemir Adnan, JOURNAL OF HYDROLOGY Volume: 405 Issue: 1-2 Pages: 123-136 DOI: 10.1016/j.jhydrol.2011.05.015 Published:	2.873			
21	*Using MODFLOW and GIS to Assess Changes in Groundwater Dynamics in Response to Water Saving Measures in Irrigation Districts of the Upper Yellow River Basin*. Xu Xu, Huang Guanhua, Qu Zhongyi, Pereira Luis S. WATER RESOURCES MANAGEMENT Volume: 25 Issue: 8 Pages: 2035-2059 DOI: 10.1007/s11269-011-9793-2	1.324			
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Comparison between vulnerability assessment techniques. Application to the Néblon river basin (Belgium),Radu Constantin Gogu, Vincent Hallet, and Alain Dassargues; Environmental Geology - International Journal of Geosciences, Springer - Verlag, Germany v.44 (8) November 2003, pp.881-892			**19.216**	**5**	**3.843**
1	Jose Luis Expósito, Maria VicentaEsteller, Jorge Paredes, Celso Rico and Roberto Franco *Groundwater Protection Using Vulnerability Maps and Wellhead Protection Area (WHPA): A Case Study in Mexico*, Water Resources Management ,Volume 24, Number 15, 4219-4236, DOI: 10.1007/s11269-010-9654-4	1.324			
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11	Denny, S. C.; Allen, D. M.; Journeay, J. M., *DRASTIC-Fm: a modified vulnerability mapping method for structurally controlled aquifers in the*	1.364	

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14	Frind EO, Molson JW, Rudolph DL. - *Well vulnerability: a quantitative approach for source water protection*. Ground Water. 2006 Sep-Oct;44(5):732-42	1.380			
15	JA Mendoza, Gerhard Barmen - *Assessment of groundwater vulnerability in the Rio Artiguas basin, Nicaragua* ,Environmental geology,Publishing year 2006,Volume 50, Pages 569 - 580	0.829			
16	Alexandra Gemitzi, Christos Petalas, Vassilios A. Tsihrintzis and VassiliosPisinaras *Assessment of groundwater vulnerability to pollution: a combination of GIS, fuzzy logic and decision making techniques*, Environmental Geology ,Volume 49, Number 5, 653-673, DOI: 10.1007/s00254-005-0104-1	0.829			
A geo-spatial data management system for potentially active volcanoes-GEOWARN project, (2006) - Radu C. Gogu, Volker J. Dietrich, Bernhard Jenny, Florian M. Schwandner, Lorenz Hurni; Computer & Geosciences, Elsevier, Canada, v. 32/1, pp. 29-41			**1.132**	**5**	**0.226**
1	A. Ganas,E. Lagios, *Thermal imaging of Nisyros volcano (Aegean Sea) using ASTER data: estimation of radiative heat flux*, International Journal of Remote Sensing archive,Volume 31 Issue 15, May 2010	1.132			
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TOTAL			**C**
			62,677

31.05.2012 **dr. ing. Constantin Radu Gogu**