

## **Raport de autoevaluare pentru anul 2020**

### **1. Date de identificare institut/centru**

- 1.1. Denumire: *Institutul de Geodinamică "Sabba S.Ștefănescu" al Academiei Române*
- 1.2. Statut juridic: personalitate juridică
- 1.3. Act de înființare: HG 364/1990, HG 89/2019
- 1.4. Număr de înregistrare în Registrul Potențialilor Contractor: 346
- 1.5. Director general/Director: Dr.Crișan Demetrescu, membru corespondent al Academiei Române
- 1.6. Adresă: Str. Jean Louis Calderon nr.19-23, sector 2, București, cod poștal 020032
- 1.7. Telefon, fax, pagină *web*, *e-mail*: 317 21 26, 317 21 27, fax: 317 21 20, pagina *web*: [www.geodin.ro](http://www.geodin.ro), *e-mail*: [inst\\_geodin@geodin.ro](mailto:inst_geodin@geodin.ro), [crisan@geodin.ro](mailto:crisan@geodin.ro)

### **2. Domeniu de specialitate**

- 2.1. Conform clasificării UNESCO: 2504, 2506, 2507, 2509, 2503, 2599
- 2.2. Conform clasificării CAEN: 7219

### **3. Stare institut/centru**

3.1. Misiunea institutului/centrului, direcțiile de cercetare, dezvoltare, inovare. Rezultate de excelență în îndeplinirea misiunii (maximum 2000 de caractere):

Cercetări fundamentale impuse de rezolvarea Programului prioritar al Academiei Române: "**Cercetări geofizice complexe în zone geodinamic active, cu privire specială asupra zonei seismogene Vrancea**" și, în mod particular, asupra:

- studiului variațiilor spațio-temporale ale unor parametri legați cauzal de cumulara tensiunilor responsabile de producerea cutremurelor de pământ;
- studiilor de hazard natural (tectonic, seismic, alunecări de teren etc);
- monitorizării variațiilor spațio-temporale ale câmpurilor gravific, geomagnetic, electromagnetic, geoelectric și ale deformărilor crustei terestre;
- modelării structurii și evoluției termo-mecanice a litosferei;
- analizei neliniare a sistemelor geodinamice;
- studiului proceselor endogene în conexiune cu procesele geodinamice;
- studiului câmpului geomagnetic în relație cu procese fizice din heliosferă;
- studiului geofizic complex în zone devenite geodinamic active datorită activității antropice

3.2. Modul de valorificare a rezultatelor de cercetare, dezvoltare, inovare și gradul de recunoaștere a acestora (maximum 1000 de caractere)<sup>1</sup>:

Rezultatele de cercetare, dezvoltare, inovare au fost valorificate prin:

- articole publicate în reviste de specialitate, recunoașterea conținutului științific fiind reliefată prin numeroase citări în reviste cotate ISI
- participarea la manifestări științifice internaționale de prestigiu

- participarea la PNCDI, ce a adus Institutului fonduri folosite exclusiv pentru dezvoltarea bazei tehnico-materiale
- participarea la programe internaționale,
- instituție acreditată prin decizia ANCS nr. 9634/14.04.2008 (anexa nr.2)
- indice Hirsch (I.Seghedi – 25, A.Szakacs – 23, P.Luffi – 14, C. Demetrescu – 11, V.Dobrică – 8, D.Stănică – 8)

3.3. Situația financiară - datorii la bugetul de stat: Nu există datorii la bugetul de stat

3.4. Numărul personalului de cercetare (CS - CS I):

	2020
CS I	7
CS II	3
CS III	10
CS	13

3.5. Numărul total al personalului:

	2020
Nr. posturi aprobate	82

**4. Criterii de performanță în cercetarea științifică** (toate criteriile analizează numai perioada de evaluare) (40%)

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat
1.	Participarea la un program fundamental sau prioritar al Academiei Române și realizarea obiectivelor sale.			
	Programul prioritar al Academiei Române " <b>Cercetări geofizice complexe în zone geodinamic active, cu privire specială asupra zonei seismogene Vrancea</b> ", conducător: Dorel Zugrăvescu, membru corespondent al Academiei Române	1	25	<b>25</b>
2.	Un tratat apărut într-o editură consacrată din străinătate <sup>2</sup>		$25 \times (N_{ic}/N_a)$	0
3.	O carte apărută într-o editură consacrată din străinătate <sup>2</sup>		$20 \times (N_{ic}/N_a)$	0
4.	O monografie apărută într-o editură consacrată din străinătate <sup>2</sup>		$15 \times (N_{ic}/N_a)$	0
5.	O carte editată într-o editură consacrată din străinătate <sup>2</sup>		$10 \times (N_{ic}/N_a)$	0
6.	Un tratat editat într-o editură consacrată din străinătate <sup>2</sup> Lithos-Elsevier		$13 \times (N_{ic}/N_a)$	0
7.	O monografie editată într-o editură consacrată din străinătate <sup>2</sup>		$8 \times (N_{ic}/N_a)$	0
8.	Un tratat apărut în Editura Academiei Române		$13 \times (N_{ic}/N_a)$	0
9.	O carte apărută în Editura Academiei Române		$10 \times (N_{ic}/N_a)$	0
10.	O monografie apărută în Editura Academiei Române		$8 \times (N_{ic}/N_a)$	0
11.	Un tratat editat în Editura Academiei Române		$7 \times (N_{ic}/N_a)$	0
12.	O carte editată în Editura Academiei Române		$5 \times (N_{ic}/N_a)$	0
13.	O monografie editată în Editura Academiei Române		$3 \times (N_{ic}/N_a)$	0

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat
14.	Un articol publicat într-o revistă cotate de <i>Web of Science</i> (Thomson Reuters) <b>Vezi Anexa 1</b>	18	$(1 + FI) \times (N_{ic}/N_a)^4$	<b>24,18</b>
15.	O lucrare prezentată la o manifestare științifică internațională, publicată integral într-o revistă cotate de <i>Web of Science</i> (Thomson Reuters)	0	$(1 + FI) \times (N_{ic}/N_a)^4$	0
16.	O lucrare prezentată la o manifestare științifică internațională, publicată integral într-un volum editat într-o editură consacrată din străinătate, inclusiv electronic ( <i>Conference Proceedings Citation Index-Science, Web of Science, Thomson Reuters</i> ) <sup>2</sup>	0	$2 \times (N_{ic}/N_a)$	<b>0</b>
17.	Un capitol într-un tratat, carte sau monografie editate într-o editură consacrată din străinătate <sup>2</sup> <b>Vezi Anexa 2</b>	1	$13 \times (N_{ic}/N_a) \times (N_p/N_{tp})$	<b>6,5</b>
18.	Un capitol într-un tratat, carte sau monografie editate în Editura Academiei Române	0	$7 \times (N_{ic}/N_a) \times (N_p/N_{tp})$	0
19.	Număr de citări conform <i>Web of Science</i> (Thomson Reuters) <b>Vezi Anexa 3</b>	488	0,5	<b>244</b>
20.	Factor de impact cumulat conform <i>Web of Science</i> (Thomson Reuters) <sup>3</sup>	-	$FI \times (N_{ic}/N_a)$	
21.	O carte apărută într-o editură consacrată din țară <sup>7</sup>	0	$7 \times (N_{ic}/N_a)$	0
22.	O carte editată într-o editură consacrată din țară <sup>7</sup>	0	$3 \times (N_{ic}/N_a)$	0
23.	Un articol apărut într-o revistă recunoscută de CNCS (B+) sau indexată într-o bază internațională de date (BDI) <b>Vezi Anexa 4</b>	8	$1 \times (N_{ic}/N_a)$	<b>6,4</b>
24.	O conferință invitată/plenară/keynote prezentată la o manifestare științifică internațională	0	10	<b>0</b>
25.	O conferință invitată/plenară/keynote prezentată la o manifestare științifică națională	0	5	<b>0</b>
26.	O comunicare orală prezentată la o manifestare științifică internațională <b>Vezi Anexa 5</b>	29	$5 \times (N_{ic}/N_a)$	<b>100,915</b>
27.	O comunicare orală prezentată la o manifestare științifică națională <b>Vezi Anexa 6</b>	1	$2 \times (N_{ic}/N_a)$	<b>0,5</b>
<b>Punctaj total criteriile de performanță în cercetarea științifică</b>				<b>407,495</b>

<sup>2</sup> Se vor lua în considerare următoarele edituri străine: Academic Press, Appleton & Lange, Birkhauser, Blackwell, Cambridge University Press, CRC Press, Elsevier, Garland Publishing, Kluwer Academic Publishers, McGraw-Hill, Mosby, Nova Science Publishers, Oxford University Press, QMP, Springer Verlag, Thieme, Willey-Liss, Williams and Wilkins, World Scientific Publishing, alte edituri straine de aceeași anvergură.

<sup>3</sup> Pentru fiecare articol se va lua în calcul factorul de impact (FI) al revistei împărțit la numărul total de autori ( $N_a$ ) și înmulțit cu numărul de autori din institutul/centrul evaluat ( $N_{ic}$ ). Factorul de impact este publicat anual de *Web of Knowledge, Journal Citation Report* (Thomson Reuters), iar pentru calcul se va utiliza valoarea corespunzătoare anului apariției articolului.

<sup>4</sup> Pentru revistele din domeniile: Botanică, Zoologie, Ecologie, Agronomie etc., al căror FI este  $\leq 2,0$  punctajul total se înmulțește cu 1,5.

<sup>5</sup> Punctajul total va fi suma punctajelor unitare rezultate prin calcul.

<sup>6</sup> Pentru domeniul Științe Agricole produsele sunt soiuri noi de plante, hibrizi etc., iar punctajul unitar va fi 30.

n = număr programe, tratate, cărți, monografii, lucrări, citări etc.; FI = factor de impact;  $N_{ic}$  = număr autori din institut/centru;  $N_a$  = număr total de autori;  $N_p$  = număr pagini capitol;  $N_{tp}$  = număr total de pagini volum.

<sup>7</sup> Se vor lua în considerare cărțile științifice de autor ce apar în evidența Bibliotecii Naționale.

n = număr programe, tratate, cărți, monografii, lucrări, citări etc.; FI = factor de impact;  $N_{ic}$  = număr autori din institut/centru;  $N_a$  = număr total de autori;  $N_p$  = număr pagini capitol;  $N_{tp}$  = număr total de pagini volum.

### 5. Capacitatea de a atrage fonduri de cercetare (20%)

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat	
1.	Un grant câștigat de către institut/centru de la organizații internaționale <b>Vezi Anexa 8</b>	5000 - 10000 EUR	2	2	4
		10001 - 50000 EUR		4	
		50001 - 200000 EUR		6	
		200001 - 1 000000 EUR		8	
		peste 1 000000 EUR		10	
2.	Un grant câștigat de către institut/centru de la organisme naționale	sub 10000 RON		1	
		10001 - 100000 RON		2	
		100001 - 500000 RON		3	
		peste 500000 RON		4	
3.	Un contract extrabugetar obținut de către institut/centru de la organizații internaționale sau naționale	sub 5000 RON		0,5	11
		5001 - 10000 RON		1	
		10001 - 100000 RON	1	2	
		peste 100000 RON	3	3	
4.	O manifestare științifică (congres, conferință, simpozion) sau școală de vară internațională organizată de institut			10	
5.	O manifestare științifică (congres, conferință, simpozion) sau școală de vară națională organizată de institut <b>Vezi Anexa 7</b>	1		5	5
<b>Punctaj total atragere fonduri de cercetare</b>					<b>20</b>

### 6. Capacitatea de a dezvolta servicii, tehnologii, produse (10%)

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat	
1.	Un brevet acordat	la nivel internațional		10	
		la nivel național		5	
2.	Un brevet aplicat	la nivel internațional		20	
		la nivel național		10	
3.	Un brevet citat în <i>Web of Science</i> (Thomson Reuters)			5	
4.	Produse și tehnologii rezultate din activități de cercetare bazate pe omologări sau inovații proprii (produs vândut, sume încasate) <sup>6</sup>			20	
5.	Un laborator de cercetare-dezvoltare acreditat			20	
6.	Studii de impact și servicii comandate de un beneficiar			5	
<b>Punctaj total dezvoltare servicii s.a.</b>					

### 7. Capacitatea de a pregăti superior tineri cercetători (doctorat, post-doctorat) (10%)

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat
1.	Institutul/centrul are dreptul de a conduce doctorate	1	20	<b>20</b>
2.	Un conducător de doctorat care activează în institut/centru - Dr.Crișan Demetrescu, membru corespondent al Academiei Române - Dr.Ioan Seghedi, CS I - Dr.Marian Munteanu, CS I	3	20	<b>60</b>
3.	Un doctorand ( <b>Vezi Anexa 8</b> )	10	10	<b>100</b>
4.	Un post-doctorand	0	10	<b>0</b>
5.	Un cercetător angajat in institut/centru care a obținut titlul de doctor in perioada de evaluare	0	10	<b>0</b>
<b>Punctaj total pregătire tineri cercetatori</b>				<b>160</b>

### 8. Prestigiu științific (toată perioada de activitate) (20%)

Nr. crt.	Criteriu	n	Punctaj unitar	Punctaj acordat
1.	Un membru în colectivul de redacție al unei reviste naționale/internaționale (cotate de <i>Web of Science</i> , Thomson Reuters sau indexată într-o BDI) sau în colectivul editorial al unor edituri internaționale consacrate <b>Vezi Anexa 9</b>	11	20	<b>220</b>
2.	Un membru în conducerea unei organizații internaționale de specialitate	0	20	<b>0</b>
3.	Un membru al Academiei Române Dr. Crișan Demetrescu, membru corespondent al Academiei Române	1	50	<b>50</b>
4.	Un cercetător cu un indice Hirsch peste 8 <b>Vezi Anexa 10</b>	6	20	<b>120</b>
5.	Un membru de onoare ( <i>fellow, senior</i> ) al unei societăți științifice naționale/internaționale <b>Vezi Anexa 11</b>	1	20	<b>20</b>
6.	Un premiu al Academiei Române <b>Vezi Anexa 11</b>	12	20	<b>240</b>
7.	Un premiu (distincție) al unei societăți științifice naționale obținut printr-un proces de selecție <b>Vezi Anexa 11</b>	10	10	<b>100</b>
	Un premiu (distincție) al unei societăți științifice internaționale obținut printr-un proces de selecție – <b>Vezi Anexa 11</b>	5	40	<b>200</b>
<b>Punctaj total prestigiu științific</b>				<b>950</b>

<b>Punctaj total criteriile performanța științifică, atragere de fonduri, performanța dezvoltare, pregătire tineri și prestigiu științific</b>	<b>1537,495</b>
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**Un articol publicat într-o revistă cotate de Web of Science (Thomson Reuters)  
în 2020**

- Mares I., Mares C., Dobrică V., Demetrescu C.** (2020), Comparative study of statistical methods to identify predictor for Orsova discharge in the Danube lower basin, *Hydrological Sciences Journal*, *Hydrological Sciences Journal*, 65:3, 371-386. **FI = 2.186**
- Mierla M.,** Janssens J., D’Huys E. *et al.* (2020), Long-Term Evolution of the Solar Corona Using PROBA2 Data, *Solar Physics*, 295, 66, <https://doi.org/10.1007/s11207-020-01635-x>. **FI=2.503**
- Dobrica V., Stefan C., Demetrescu C.** (2020), Planetary scale geomagnetic secular variation foci in the last 400 years, *Global and Planetary Change*, under review. **FI = 4.448**
- Mitrofan H.,** Marin C., **Chitea F., Cadicheanu N.,** Povară I., Tudorache A., Ioniță D.E., **Anghelache M.-A.** (2020): Multi-kilometre long pathway of geofluids migration: Clues concerning an ophiolite serpentinitization setting possibly responsible for the inferred abiotic provenance of methane in thermal water outflows of the South-West Carpathians (Romania), *Terra Nova*, DOI: 10.1111/ter.12491, **FI = 2.734**
- Harangi S., Molnár K., Schmitt A.K., Dunkl I., **Seghedi I.,** Novothny Á., Molnár M., Kiss B., Ntaflos T., Mason P.R.D., Lukács R. (2020), Fingerprinting the Late Pleistocene tephras of Ciomadul volcano, eastern–central Europe. *Journal of Quaternary Sciences* 35: 232-244, **FI = 2.377**
- Szemerédi M., Lukács R., Varga A., Dunkl I., Józsa S., **Tatu M.,** Pál-Molnár E., Szepesi J., Guillong M., Szakmány G., Harangi S. (2020), Permian felsic volcanic rocks in the Pannonian Basin (Hungary): new petrographic, geochemical, and geochronological results. *International Journal of Earth Sciences* 109:101–125. <https://doi.org/10.1007/s00531-019-01791-x>, **IF = 2.278**
- Bracco Gartner A. J.J., **Seghedi I.,** Nikogosian I. K., Mason P. R. D. Asthenosphere-induced melting of diverse source regions for East Carpathian postcollisional volcanism (2020). *Contributions to Mineralogy and Petrology* 175:54 <https://doi.org/10.1007/s00410-020-01690-4>, **FI = 3.25**
- Faccini B., Rizzo A. L., Bonadiman C., Ntaflos T., **Seghedi I.,** Grégoire M., Ferretti G., Coltorti M. (2020). Subduction-related melt refertilisation and alkaline metasomatism in the Eastern Transylvanian Basin lithospheric mantle: Evidence from mineral chemistry and noble gases in fluid inclusions. *Lithos*, 364–365, 105516. *Lithos.*, DOI: 10.1016/j.lithos.2020.105516, **FI = 4.270**
- Helvacı C., Yücel-Öztürk Y., **Seghedi I.,** Palmer M. R. (2020). Post-volcanic activities in the Early Miocene Kırka-Phrigian caldera, western Anatolia – caldera basin filling and borate mineralization processes. *International Geology Review*. DOI: 10.1080/00206814.2020.1793422, **FI = 2.630**
- Talpeanu D.-C., Chané E., Poedts S., D’Huys E., **Mierla M.,** Roussev I., Hosteaux S. (2020), Numerical simulations of shear-induced consecutive coronal mass ejections, *Astronomy and Astrophysics*, 637, A77, <https://doi.org/10.1051/0004-6361/202037477>. **FI = 5.636**

- Cécere M., Sieyra M.V., Cremades H., **Mierla M.**, Sahade A., Stenborg G., Costa A., West M.J., D’Huys E. (2020), Large non-radial propagation of a coronal mass ejection on 2011 January 24. *Adv. Space Res.*, 65, 1654. **FI = 2.177**
- Sieyra M.V., Cécere M., Cremades H., Iglesias F.A., Sahade A., **Mierla M.**, Stenborg G., Costa A., West M.J., D’Huys E. (2020), Analysis of Large Deflections of Prominence–CME Events during the Rising Phase of Solar Cycle 24. *Sol Phys.*, 295, 126, <https://doi.org/10.1007/s11207-020-01694-0>. **FI = 2.503**
- Stănică D. A., Stănică D.** (2020), Resilience improvement to the Vrancea earthquakes by using EM data 63, 4, 2020; doi:10.4407/ag-8263, **FI = 1.531**
- Balica C., Ducea M.N., Gehrels G.E., Kirk J., Roban R.D., **Luffi P.**, Chapman J.B., Triantafyllou A., Guo J., Stoica A.M., Ruiz J., Balintoni I., Profeta L., Hoffmann D., Petrescu L. (2020). A Zircon Petrochronologic View on Granitoids and Continental Evolution. *Earth and Planetary Science Letters*, 531; doi: 10.1016/j.epsl.2019.116005. **FI = 4.82**
- Szakács A.** (2020) Richard Waitt: In the path of destruction: eyewitness chronicles of Mount St. Helens Washington State University Press, 2014, ISBN 978-0-87422-323-1 (alk-paper). Book review. *Bull Volcanol*, 82:52. <https://doi.org/10.1007/s00445-020-01387-3>, **FI = 2.032**
- Biró, T., Hencz, M., Németh. K., Karátson. D., Márton, E., **Szakács, A.**, Bradák, B., Szalai, Z., Pécskay, Z., Kovács, I., J. (2020), A Miocene Phreatoplinian eruption in the North-Eastern Pannonian Basin, Hungary: The Jató Member. *Journal of Volcanology and Geothermal Research*, 401 (2020) 106973, **FI = 2.827**
- Dibacto, S., Lahitte, P., Karátson, D., Hencz, M., **Szakács, A.**, Bíró T., Kovács, I., Veres, D. (2020) Growth and erosion rates of the East Carpathians volcanoes constrained by numerical models: Tectonic and climatic implications. *Geomorphology*. <https://doi.org/10.1016/j.geomorph.2020.107352>, **FI = 3.819**
- Rădulescu I., **Stochici R.**, Călin M.R., Vişan M., **Diacopolos C.**, Grigoraş G. (2020), Experimental characterization of an in-situ spectrotracer used in geophysical explorations, *Romanian Reports in Physics*, 72, 3, **FI = 1.9**

**Un capitol într-un tratat, carte sau monografie editate într-o editură consacrată  
din străinătate 2020**

**Iatan E.-L.**, Gold mining industry influence on the environment and possible phytoremediation applications (Chapter 16). Phytoremediation of Abandoned Mining and Oil Drilling Sites, 1st Edition. Eds. Kuldeep Baudhh, John Korstad, Pallavi Sharma. ELSEVIER, ISBN: 9780128212004 (1 noiembrie 2020). Capitolul are 40 pagini, cartea 800.

**Un capitol într-un tratat, carte sau monografie editate  
în Editura Academiei Române 2020**

$7 \times (N_{ic}/N_a) \times (N_p/N_{tp})$



**Număr de citări conform *Web of Science* (Thomson Reuters) în 2020  
fără autocitări**

Lucrarea **Bracco Gartner A. J.J., Seghedi I., Nikogosian I. K., Mason P. R. D. Asthenosphere-induced melting of diverse source regions for East Carpathian postcollisional volcanism (2020). Contributions to Mineralogy and Petrology 175:54** <https://doi.org/10.1007/s00410-020-01690-4> a fost citată de:

1. Bracco Gartner, A. J. J., & McKenzie, D. (2020). Estimates of the temperature and melting conditions of the Carpathian-Pannonian upper mantle from volcanism and seismology. *Geochemistry, Geophysics, Geosystems*, 21, e2020GC009334. <https://doi.org/10.1029/2020GC009334>

Lucrarea **Harangi, S., Molnár, K., Schmitt, A.K., Dunkl, I., Seghedi, I., Novothny, Á., Molnár, M., Kiss, B., Ntaflos, T., Mason, P.R.D. and Lukács, R. (2020), Fingerprinting the Late Pleistocene tephra of Ciomadul volcano, eastern–central Europe. J. Quaternary Sci., 35: 232-244** a fost citată de:

1. Peter M. Abbott, Britta J. L. Jensen, David J. Lowe, Takehiko Suzuki and Daniel Veres, Crossing new frontiers: extending tephrochronology as a global geoscientific research tool, *Journal of Quaternary Science*, 35, 1-2, (1-8), (2020).

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<https://www.cost.eu/actions/CA19117/#tabs|Name:management-committee>, Anghelache M.A.

Dezvoltarea de aplicatii de securitate pe baza tehnologiilor experimentale complexe utilizate in studiul radiatiei cosmice/DEXTER, PCCDI/ PNIII-P1, Dr.Crișan Demetrescu, total: 410.000 ron, 2020: 132.020 ron

Capacități și servicii instituționale pentru cercetarea, monitorizarea și prognoza riscurilor din spațiul extraatmosferic/SAFESPACE, PCCDI/ PNIII-P1, Dr.Venera Dobrică, total: 195.000 ron, 2020: 67.768 ron

Geologia resurselor natural ca instrument de bază pentru dezvoltarea durabilă în concordanță cu standardele europene (GEORES), PCCDI/ PNIII-P1, Dr.Mihai Tatu, total: 400.000 ron, 2019: 111.508 ron

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Total: 2 x 2 puncte (internațional) + 1 x 2 ( sub 100.000 ron) + 3 x 3 puncte (peste 100.000 ron) = **15 puncte**

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Membru în comitetul științific al **Geophysical Journal**, ISSN 0203-3100, **Kiev, Ukraine** – Dr. Besutiu Lucian

**Cercetatori cu indice Hirsch peste 8  
2020**

Dr.Ioan Seghedi	h=25
Dr.Alexandru Szakacs	h=23
Dr.Peter Luffi	h=14
Dr.Crișan Demetrescu	h=11
Dr.ing.Dumitru Stănică	h=8
Dr.Venera Dobrică	h=8

**Premii ale Academiei Române**

1. Premiul „Gheorghe Murgoci” – 1985 - Dr.Crișan Demetrescu, membru corespondent al Academiei Române
2. Premiul "Gh. Munteanu Murgoci" – 1987 – Dr. Lucian Besutiu
3. Premiul „Gheorghe Murgoci” – 1996 - Dr.ing. Dumitru Stănică, Maria Stănică
4. Premiul „Lodovic Mrazec” – 2010 - Dr.Ioan Seghedi
5. Premiul „Ștefan Hepites” – 2010 - Dr.Venera Dobrică, Georgeta Mariș
6. Premiul „Ștefan Hepites” – 2010 - Florin Munteanu
7. Premiul „Ștefan Hepites” – 2011 - Dr.Marilena Mierlă
8. Premiul „Lodovic Mrazec” – 2016 - Dr. Mihai Tatu
9. Premiul „Ștefan Hepites” – 2016 - Dr. Horia Mitrofan,  
Mirela-Adriana Anghelache,  
Dr. Florina Chitea,  
Dr.Nicoleta Cadicheanu
10. Premiul „Ștefan Hepites” – 2016 - Dr.Mădălina Vișan
11. Premiul „Ștefan Hepites” – 2017 - Dr.Cristiana Ștefan
12. Premiul „Ștefan Hepites” – 2018 - Dr. Dragoș Armand Stănică

**Un premiu (distincție) al unei societăți științifice naționale obținut printr-un proces de selecție**

**Nutu M.L.**, Premiul I la Al-II-lea Simpozion National al Studentilor Geologi, Sectia Sedimentologie, organizat de Cluj Student Chapter afiliat la AAPG, 23-25 Martie 2001, pentru lucrarea Analiza sedimentara a Stratelor de Comarnic de varsta Cretacic inferior (Valea Prahovei).

**Stănică, D.**, Diploma de excelență și premiul I, pentru înaltul nivel științific și tehnologic al realizării „Tehnologie și echipament specializat destinate urmării câmpurilor

magnetoteluric și de stress în scopul evidențierii unor parametri cu caracter precursor cutremurelor vrâncene”, MENER, CONRO 2004, acordat de Ministerul Educației și Cercetării –

**Stănică Dumitru** - Diplomă și Plachetă de Aur , acordată de Academia Oamenilor de Știință din România, Noiembrie 2007

Premiu CNCSIS – 2009 – pentru lucrarea Ionescu, C., Hoeck, V., Tomek, C., Koller, F., Balintoni, I., **Besutiu, L.** (2008) *New insights into the basement of the Transylvanian Depression (Romania)*, Lithos, doi:10.1016/j.lithos.2008.06.004, ISSN: 0024-4937

Premiu CNCSIS – 2010 – pentru lucrarea **Mitrofan, H.**, Marin, C., **Zugravescu, D.**, **Chitea, F.**, **Anghelache, M.-A.**, **Besutiu, L.**, and Tudorache, A. (2010) Persistent pre-seismic signature detected by means of Na-K-Mg geothermometry records in a saline spring of Vrancea area (Romania); *Nat. Hazards Earth Syst. Sci.*, 10, 217–225

**Popa, R.G.**, 2011, Premiul „Dumitru Sandu” pentru Activitate Profesională Meritorie în Domeniul Geofizicii, Universitatea din București

**Popa, R.G.**, 2011, Premiul Hope, pentru Excelență în Cercetare Geologică, Universitatea din București

**Popa, R.G.**, 2012, Premiul Societății de Geofizică Aplicată din România

**Mitrofan H., Chitea F., Anghelache M.-A., Visan M.**, 2014- *Possible triggered seismicity signatures associated with the Vrancea intermediate-depth strong earthquakes (Southeast Carpathians, Romania)*. Seismological Research Letters, March/April 2014 , v. 85, 314-323. doi:10.1785/0220130045, Print ISSN: 0895-0695, Online ISSN: 1938-2057  
Nr. crt. 2557

[http://uefiscdi.gov.ro/userfiles/file/PREMIERE\\_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023\\_12\\_2014/LISTA%205%20REZULTATE%20-%20actualizata%20-%2018\\_12\\_2014.pdf](http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%205%20REZULTATE%20-%20actualizata%20-%2018_12_2014.pdf)

**Mitrofan H., Chitea F., Anghelache M.-A., Visan M.**, Possible triggered seismicity signatures associated with the Vrancea intermediate-depth strong earthquakes (Southeast Carpathians, Romania). *Seismological Research Letters, Geophys. J. Int.*, 2016, 205 (2), 864–875, doi: 10.1093/gji/ggv533, [http://uefiscdi.gov.ro/userfiles/file/PNCDI%20III/P1\\_Resurse%20Umane/PRECISI\\_2016/PROCES%20EVALUARE/Rezultate/](http://uefiscdi.gov.ro/userfiles/file/PNCDI%20III/P1_Resurse%20Umane/PRECISI_2016/PROCES%20EVALUARE/Rezultate/)

PRECISI\_2016\_Rezultate%20 eligibilitate\_lista%203\_actualizare%2028\_10\_2016.pdf,  
la Nr. crt. 419

**Un premiu (distincție) al unei societăți științifice internaționale obținut printr-un proces de selecție**

1. **Ștefan C.**, „Outstanding young scientist poster” pentru posterul prezentat la Adunarea Generală a EGU (*European Geosciences Union*) 2013 și anume: Ștefan C., Demetrescu C., Dobrica V., Long-term external effects in annual means from observatory and main field models, European Geosciences Union General Assembly, Vienna, Austria, 7 – 12 April 2013.
2. Premiul „Best presentation” la secțiunea de Applied Geophysics, obținut în cadrul „14th International Multidisciplinary Scientific GeoConference SGEM 2014”, Bulgaria pentru lucrarea: **Chitea F.**, Ioane D., Airinei I., Serban A., Dorobantu A., 2014, Geoelectrical methods applied for prospecting an area with geothermal potential
3. **Chitea F.**, Premiul „Best Pitch” Award în cadrul HEPTEch Symposium “Connecting Science and Commerce”, Prague, the Czech Republic, 2015
4. Best paper and presentation at 17<sup>th</sup> International Multidisciplinary Scientific GeoConferences SGEM, Albena (Bulgaria), 27 June - 06 July 2017, Geology section: **Nuțu-Dragomir M-L.**, *Sedimentary characteristics of a Permian continental succession in Sirinia Basin (South Carpathians, Romania)*
5. **Stanica D.** – Certificate for „Remarkable Contributions to exploration Geophysics in Romania”, 2000, by Society of Exploration Geophysicists

**Un membru de onoare (*fellow, senior*) al unei societăți științifice naționale/internaționale**

1. **Stănică D.**, 2018, membru de onoare al Societății de Geofizică Aplicată din România