

INFORMAȚII PERSONALE

Dr.ing.STĂNICĂ DUMITRU


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Sexul: M | Data nașterii: 09/03/1945 | Naționalitatea: Română

LOCUL DE MUNCA: Academia Oamenilor de Știință din Romania
Secția: Științe Geonomice

POZIȚIA: Secretar Științific

EXPERIENȚA PROFESIONALĂ

1968 - 1989:

- **CS , CP III la Institutul de Geofizică Aplicată (IGA) și Institutul de Geologie și Geofizică (IGG) din București – șef colectiv de cercetare în cadrul Laboratorului de Cercetări Electrometrice, cu următoarele activități principale:**

- Cercetări privind elaborarea hărților naționale de curenți telurici la scara 1:200.000 în Orogenul Nord Dobrogean, Platforma Moesică și Platforma Est-Europeană;
- Studii privind descifrarea structurii geologice profunde a teritoriului României, prin metode electromagnetice (sondaje magnetotelurice), realizate de-a lungul unor geotraverse amplasate în Orogenul Nord Dobrogean, Platforma Moesică, Platforma Est-Europeană.

1990 - 1994:

- **CP II, Șef al Laboratorului de Cercetări Geoelectrice și Electromagnetice din cadrul Institutului de Geologie și Geofizica București, cu următoarele activități:**

- Studiul structurii geologice profunde pe teritoriul României prin metode electromagnetice (sondaje magnetotelurice) de-a lungul unor geotraverse amplasate în Bazinul Transilvaniei, Depresiunea Pannonica, Muntii Apuseni și Carpații Meridionali;
- Elaborarea hărților naționale de curenți telurici la scara 1:200.000 pentru Bazinul Transilvaniei.

1995 – 2000:

- **CP I, Șef al Laboratorului de Cercetări Geoelectrice și Electromagnetice la Institutului de Geologie și Geofizica, transformat în Institutul Geologic al României (IGR), București, cu următoarele activități:**

- Studiul structurii geologice profunde pe teritoriul României prin metode electromagnetice (sondaje magnetotelurice și geomagnetice) în zona de curbură a Carpaților Orientali, zonele de fliș și în avantfosele carpatice;
- Elaborarea hărților naționale de curenți telurici la scara 1:200.000 (Depresiunea Panonică)

2001 - Prezent

- **CP I, Sef al Departamentului de Electromagnetism și Dinamica Litoferei din cadrul Institutului de Geodinamică “Sabba S. Ștefănescu” al Academiei Române (IG-SSS-AR), București: 2001-2019. Din anul 2006 am fost promovată, prin concurs, în funcția de Director adjunct:**
Activități:
 - Studiul structurii geologice profunde în zone geodinamic active prin metode electromagnetice;
 - Studii metodologice privind lărgirea domeniului de aplicare a cercetării geofizice în zone geodinamic active (zona seismic activă - Vrancea și arealele cu alunecări de teren din Subcarpații Meridionali);
 - Studii electromagnetice de evidențiere a activității geodinamice din arealul Vrancean, cu posibile implicații în declanșarea evenimentelor seismice (Tema 4 IG-SSS-AR responsabil de temă până în anul 2019);
 - Specifice postului de Director Adjunct (conform ROF, IG-SSS-AR).

EDUCAȚIE ȘI FORMARE:

- Institutul de Petrol Gaze și Geologie, București, Facultatea de Geologie și Geofizică, Secția „Prospecții Geofizice”, 1963-1968;
- Curs de geofizică – electromagnetism organizat sub egida ONU (PNUD) la Institutul de Mine din Sankt Petersburg, Rusia, durata 4 luni (aprilie-iulie, 1981);
- Curs de echipamente magnetotelurice digitale și software aferent organizat de Institutul de Geofizică Lorand Eotvos (Ungaria) - câte o lună în anii 1986 și 1987, cu ocazia achiziționării echipamentelor fabricate în Ungaria;
- Curs de limba engleză-avansați - organizat de Centrul de Perfecționare al Ministerului Minelor, Petrolului și Geologiei (1980-1981).

COMPETENTE PERSONALE

Limba maternă Română

Alte limbi străine cunoscute

Engleză

INTELEGERE		VORBIRE		SCRIERE
Ascultare	Citire	Participare la conversație	Discurs oral	Sciere
C1	C1	C1	C1	C1

CERTIFICATE of Knowledge of the ENGLISH language no. 18667
 14.05.2015./MECI/Centrul de limbi straine / University Centre for Modern Languages

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent -
 C1/C2: Utilizator experimentat

Cadrul european comun de referință pentru limbi străine

Competențe de
comunicare/organizare
/manageriale

- Dobândite prin experiența proprie de manager :
 - Sef colectiv/ Sef Laborator / Sef Departament /Director adjunct;
 - Director de proiecte nationale și internaționale;
 - Membru în Comitetul de Management al Programului EU COST Action – 625 intitulat “Monitorizarea 3D a structurilor tectonic active “, în perioada 2000 - 2006;
 - Organizarea, sub egida IAGA, al XIV-lea Workshop de Inducție Electromagnetică în Pământ, Sinaia, Romania, 16-22 august, 1998, Chairman al Comitetului de organizare și de program;
 - Membru în Comitetul de Program la al XV-lea Workshop de Inducție Electromagnetică în Pământ, Cabo Frio, Brazilia, 19-27 August, 2000 ;
 - Chairman al Comitetului de organizare și de program pentru “EMSEV + DEMETER Joint Workshop”, Sinaia, 7-12 Septembrie, 2008;
 - Membru în comisiile de evaluare ale Programului National de Cercetare, Dezvoltare și Inovare (MENER, CERES, IDEI), 2001-2014 ;

Membru al asociațiilor profesionale:

- Societatea Română de Geofizică (SRG);
- European Society of Geosciences and Engineering (ESGE);
- International Association of Geomagnetism and Aeronomy (IAGA);
- Geophysical Exploration Society (SEG);
- European Geoscience Union (EGU);
- Membru fondator în anul 2001 al Inter Association Working Group „EMSEV”, din cadrul asociațiilor internaționale IAGA-IASPEI-IAVCEI, cu activitate continuă prin organizarea unor manifestări științifice bianuale.

Competențe digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator Independent	Utilizator Independent	Utilizator Independent	Utilizator Independent	Utilizator Independent

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat
Competențele digitale - Grilă de auto-evaluare

Scriți alte competențele informatice. Specificați contextul în care au fost acestea dobândite:

- procesare text, software pentru prezentări conferințe, procesare modelare și inversie (1D, 2D și tomografii 3D) a datelor electromagnetice;
- programe de monitorizare a datelor geomagnetice înregistrate la Observatorul Geodinamic Provița de Sus și transferul acestora zilnic/timp real la sediul din București;
- algoritmi și programe de procesare zinică/timp real a parametrilor cu caracter precursor activității seismice (de adâncime intermediară din zona Vrancea);
- Elaborarea și implementarea unui soft adecvat în vederea accesării bazei de date de la observatoarelor geomagnetice internaționale (www.intermagnet.org);
- Realizarea unei metodologii de evidențiere, post-eveniment, a unor posibile semnale anormale precursore cutremurelor majore generate în zonele de subducție active ale microplăcilor Oceanului Pacific (Nazca și Cocos), respectiv, a micro-placilor Adriatică și Hellenică.

INFORMAȚII SUPLIMENTARE

Locul de muncă actual și funcția: IG-SSS-AR, Director adjunct.

Publicații, abstracte conferințe,
abstracte extenso:
Teme de colaborare cu:

- **Anexa 1**
- Institute aparținând Universităților din Padova, Pisa Neapole (comisii mixte Româno-Italienne);
- Institute de Geofizică din Praga, Sopron, Goetingen, Varșovia și Observatoarele Geofizice din Germania, Belgia, Franța, Luxemburg și Italia (schimburi interacademice și programe bilaterale);
- **IGCP- 430; ALCAPA; TESZ; PANCARDI; COST Action-650; EU-FP5-Proiecte OASYS și SAMCO; EU-FP6 – Proiectul E2-C2 (extreme events –causes and consequences)**

Programe internaționale:

- In calitate de profesor asociat la Facultatea de Geologie și Geofizică - Universitatea din București am susținut următoarele cursuri :
 - Metode electromagnetice, anul V (1990-1997);
 - Geofizică ambientală (electromagnetism), 1994-1997;
 - Programul de perfecționare MASTER “Geofizica litosferei și Bazine sedimentare” prin metode electromagnetice, 1997-2004;
 - Programul de MASTER in limba engleză “EM Methods in Applied Geophysics”, 2011- 2018;
 - Membru în Comisiile de examinare doctoranzi organizate de Universitatea București, Institutul Geologic al României, Institutul National de Fizica Pamantului și Institutul de Geodinamica „Saba S. Stefanescu” al Academiei Române;
 - Am coordonat activitatea a unui numar de 14 absolvenți geofizicieni ai Facultății de Geologie și Geofizică, pentru definitivarea Proiectelor de stat (Licențe).

Distincții:

- Premiul Academiei Române “**Gheorghe M. Murgoci**” – 1996;
- Diplomă de excelență și premiul I , Programul Național de cercetare MENER - CONRO 2004, pentru „Tehnologie și echipament specializat destinate urmării câmpurilor magnetoteluric și de stres, în scopul evidențierii unor parametri cu caracter precursor seismelor vrâncene”;
- Certificate for REMARKABLE CONTRIBUTIONS To Exploration Geophysics in Romania;
- Diplomă și Plachetă de Aur în calitate de Membru Titular Fondator al Acedemiei Oamenilor de Știință din Romania (AOSR), în 28 Noiembrie 2007;

Afilieri, etc.

- Membru Titular Fondator al Acedemiei Oamenilor de Știință din Romania (AOSR);
- Secretar Științific al Secției de Științe Geonomice din cadrul AOSR;
- Membru fondator al grupeii interdisciplinare (IAGA-IASPEI–IAVCEI): EMSEV(Electro-Magnetic Studies for Seismic and Vulcanic Activities), inființată cu ocazia mitingului organizat in Hanoi,Vietnam, 2001.

Anexa 1. Lucrări publicate, abstracte conferințe, abstracte extenso : (h-index 11 ; citation 462)

a) Capitoare în cărți, lucrări publicate în cărți și monografii: **Web of Science (WOS), ISI = 2**

1. **Stănică D.**, Stănică M. Lithosphere structure in Romania, in: *Chekunov et al.: Lithosphere of the Central and East-European Platform - Geotranssects I, II, V, Chapter 4, Naukova Dumka, Kiev, 1988.*
2. **Stănică D.**, Stănică Maria in Chekunov A.V., et al. The geotranssect from the Dnepr-Donets paleo-rift via the Ukrainian Shield to the South Carpathians. *Geophysical Journal, Volume 10, No.6, 723-763, Gordon and Breach Science Publisher, 1991, ISSN: 0275-9128.*
3. **D. Stănică** and M. Stănică, 2 D modelling of the geoelectrical structure in the area of the deep-focus Vrancea Earthquakes, in "Monograph of Southern Carpathians ", *CEI, CERCOP STUDY GROUP No.8, Geotectonic Analysis of the Region of Central Europe, 265 pg., Warsaw, No.7(37), 1998.*
4. M. Stănică, **D. Stănică** and C. Marin-Furnică, The Placement of the Trans-European Suture Zone by Electromagnetic Arguments on the Romanian Territory in: "Electromagnetic induction in the Earth", Papers presented at the 14th Workshop in Sinaia, August 1998, *Stanica, D. and Weaver, J., special issue guest editors of the Earth Planets and Spaces, Vol.51, No.10, 1073-1078, 1999, TERRAPUB, Tokyo, WOS, ISI.*
5. **Dumitru Stanica**, Maria Stanica and Dorel Zugravescu: Geodynamic evolution of the Vrancea seismogenic volume revealed by magnetotelluric tomography, in: *D. Zugravescu, C. Suteanu (eds.), Geodynamics: Outline of a Domain, Bucharest Publishing House of the Romanian Academy 2004, ISBN: 973-27-1095-0.*
6. **Dumitru Stanica** and Maria Stanica: Electromagnetic field recording in the geodynamic active Vrancea zone; precursory phenomena of the earthquakes, 73-93, in: *D. Zugravescu, C. Suteanu (eds.), The Active Geodynamic Zone of Vrancea, Romania, Bucharest, Publishing House of the Romanian Academy, 2005; ISBN 973-27-1084-5*
7. **Dumitru Stanica** and Dragos Armand Stanica, *Earthquakes precursors*, Chapter 4 in "Earthquake Research and Analysis-Statistical Studies, Observations and Planning" *Book 5, edited by: Dr. Sebastiano D'Amico, ISBN 979-953-307-681-1, In Tech open access publisher, 2012, WOS, ISI.*
8. **Dumitru Stanica** and Dragos Armand Stanica, Metode geoelectrice de investigație în România, în *Istoria Geoștiințelor în România, Științele Geofizice, coordonatori: Crișan Demetrescu și Alina Marin - București, Editura Academiei Române, 2018, ISBN 978-973-27-2919-8.*

b) **Lucrari publicate + abstracte in extenso: (WOS, ISI = 10)**

1. **Stănică D.**, Stănică Maria, Plaviță Ramona: A new processing method of telluric current data. *Acta Geologica Academiae Scientiarum Hungaricae, Tomus 21(4), 363-371, Budapest, 1977.*
2. Corrado G., Pinna E., Rapolla A., Romanescu Dr., Soare A., **Stănică D.**, Vâjdea V.: Preliminary magnetotelluric studies on the profile crossing the Meridional Carpathians. *Rev. Roum. Geol., Geophys. et Geogr. - Geophysique, 21, No 1, 135-146, Bucarest, 1978.*
3. Soare A., **Stănică D.**, Plaviță R., Cucu G.: Some techniques of magnetotelluric data processing. *Rev. Roum. Geol., Geophys et Geogr. - Geophysique, 22, 107-112, Bucarest, 1978.*
4. Corrado G., Pascale G., Pinna E., Rapolla A., Romanescu Dr., Soare A., **Stănică D.**, Vâjdea V.: Magnetotelluric soundings across the Southern Carpathians. *Rev. Roum. Geol., Geophys. et Geogr. - Geophysique, 22, 39-48, Bucarest, 1978.*
5. Stănică Maria, **Stănică D.**: Telluric ad magnetotelluric researches in the Getic Depression (in Romanian). *Studii Tehnice si Economice, Seria D, Nr. 12, 139-146, Bucuresti, 1979.*
6. Stănică Maria, **Stănică D.**: The use of the Earth's natural electromagnetic field for the elaboration of the Carpathians' arc bend structural model. *St. Cerc. Geol., Geofiz., Geogr., Geofizica, Tom 19, pp.41-51, Bucuresti, 1981.*
7. **Stănică D.**, Stănică Maria: Crust and upper mantle investigation by magnetotelluric soundings in Romania. *Acta Geodaet., Geoph. Mont. Hung. 19(1-2), 147-152, Budapest, 1984.*
8. Visarion M., **Stănică D.**, Stănică M.: Deep-structure of the region between the Motru Valley and Arges Valley (Romania) as shown by the results of geophysical surveys. *Acta Geodaet., Geoph. Mont. Hung. 19(1-2), 173-184, Budapest, 1984.*
9. **Stănică D.**, Stănică Maria, Visarion M.: The structure of the crust and upper mantle in Romania as deduced from magnetotelluric data. *Rev. Roum. Geol., Gephys. et Geogr. - Geophysique, 30, 25-35, Bucarest, 1986.*
10. **Stănică D.**: Contributii la decifarea structurii geologice profunde a Platformei Moesice prin metoda curentilor

- telurici. *Teza de Doctorat. Universitatea din Bucuresti*, pp.154, 1987.
11. Stoica I., Ionescu D., **Stănică D.**: Aspects of development of geoelectrical prospecting methods in Romania. *St. Cerc. Geol., Geofiz., Geogr., Geofizica, Tom 26, 87-104, Bucuresti, 1988.*
 12. Visarion M., Săndulescu M., **Stănică D.**, Atanasiu Ligia: An improved geotectonic model of the East Carpathians. *Rev. Roum. Geol. Geophys. et Geogr. - Gephysique, 32, 43-52, Bucarest, 1988.*
 13. Visarion M., Săndulescu M., **Stănică D.**, Veliciu S. : Contribution a connaissance de la structure profonde de la Plate-Forme Moesienne en Roumanie. *Studii Tehnice si Economice, Seria D, Geofizica, Nr.15, 211-222, Bucuresti, 1988.*
 14. **Stănică D.**, Stănică M. in Chekunov et al.: Lithosphere of the Central and East-European Platform - Geotransects I, II, V, *Naukova Dumka, Kiev, 131-134, 1988.*
 15. **Stănică D.**, Stănică M.: The investigation of the deep structure of the Moesian Platform (Romania) by means of electromagnetic induction methods. *Gerlands Beitr. Geophysik. Leipzig, 98, 2, 155-163, 1989.*
 16. **Stănică D.**, Stănică M., Pinna E.: Magnetotelluric soundings in the Eastern Carpathians-Harghita area. *Rev. Roum. de Geophysique, Tome 34, 89-95, Bucarest, 1990.*
 17. Pinna E., Cantini P., Faggioni O., Soare A., **Stănică D.** : Disuniformita nella densita dei terreni nell'area della Torre di Pisa. *Atti IX, Conv. Ann., Grup. Naz. Geof. Ter. Sol., Roma, 537-550, 1990.*
 18. Visarion M., Săndulescu M., Roșca V., **Stănică D.**, Stănică M., Atanasiu L. : La Dobrogea dans le cadre de l'avant-pays carpatique. *Rev. Roum. Geophysique, Bucarest, 34, pp.55-65, 1990.*
 19. Cantini P., Faggioni O., Pinna E., Soare A., **Stănică D.** : Struttura longitudinale del rift del Kenia. *Atti IX, Conv. Ann. Roma 13-15 November, pp.777-787, 1990.*
 20. Pinna E., Soare A., **Stănică D.**, Stănică Maria: Carpathian conductivity anomaly and its relation to deep substratum structure. *Acta Geodaet. Geophys. et Montanistica, Vol.27(1), 35-45, Budapest, 1992.*
 21. **Stănică D.**, Stănică Maria in Chekunov A.V., et al.: The geotranssect from the Dnepr-Donets paleo-rift via the Ukrainian Shield to the South Carpathians. *Geophysical Journal, Volume 10, No.6, 723-763, Gordon and Breach Science Publisher, 1991, ISSN: 0275-9128.*
 22. Cantini P., Faggioni O., Pinna E., Soare A., **Stănică D.**, Stănică M.: Structure of the transition from the Hercynian lithosphere to the East European Platform in Romania (Tornquist-Teisseyre zone). *Atti X, Conv. Ann., Roma, 601-613, 1991.*
 23. **Stănică D.**, Stănică Maria in Chekunov et al.: Comprehensive geological and geophysical lithospheric studies on the South-East European Geotransects. *Paper published in Global Geoscience Transects, Inst. of Geol. Information, China, 47-50, 1991.*
 24. **Stănică D.**, Stănică Maria: An electrical resistivity lithospheric model in the Carpathian Orogen from Romania, *Physics of the Earth and Planetary Interiors, 81(1993), 99-105. Crustal - Scale Studies, Elsevier Science Publishers B. V., Amsterdam, 1993, ISSN: 0031-9201, WOS, ISI.*
 25. Săndulescu M., Visarion M., **Stănică D.**, Stănică M., Atanasiu L.: Deep structure of the Inner Carpathians in the Maramures-Tisa Zone (East Carpathians). *Rom. J. Geophysics, 6, 67-76, Bucuresti, 1993.*
 26. Stănică M., **Stănică D.**: Magnetotelluric studies in the Tethyan Suture Zone on the Pannono-Carpathian Geotranssect. *Rev., Roumaine de Geophysique, Tome 40, 71-80, 1996.*
 27. **Stănică D.**, Stănică M., Asimopolos L., Ivanov A., Nistor H., Visarion C.: Studies by magnetotelluric soundings in new and prospective zones having genetic conditions favourable to the accumulations of mineral metalliferous resources in Baia Mare zone. *Anuarul IGR, Vol.69, Partea I-a, 277-279, 1996*
 28. **Stănică D.**, Stănică M., Balea Al., Ivanov A.: Studies by Magnetotelluric soundings in new and prospective zones having genetic conditions favourable for the accumulation of the metalliferous ore deposits-Baia Mare zone (Coas - Firiza Valley profile). *Anuarul IGR, Vol 69, Partea I-a, 280-282, 1996*
 29. Stănică M., **Stănică D.**, Asimopolos L., Ivanov A., Nistor H.: Magnetotelluric researches along Lugoj-Teregova and Alba Iulia-Agnita profiles, *Anuarul IGR, 1997.*
 30. Stănică Maria, **Stănică D.**: Deep structure data regarding the Pannonian-Carpathian system. *Terra Nova, vol. 9, 159-167, 1997.*
 31. **D. Stanica**: The Tethyan zone in the geotectonic context of the Pannonian-Carpathian system: *Abstracts in Tom 45, Nr10/2, 1105-1106, Dynamics of the PANCARDI, Krakow-Zakopane, Poland, 1997*
 32. **Stănică D.**, Stănică Maria: 2 D modelling of the geoelectrical structure in the area of the deep-focus Vrancea Earthquakes. Monography of Southern Carpathians, *Reports on Geodesy, no.7 (37), Inst. of Geodesy and Geodetic Astronomy, p.193-203, Warsaw, 1998.*
 33. Furnică C., Stănică M., **Stănică D.**, Ivanov A., Nistor H., Asimopolos L.: Integrated telluric and magnetotelluric

researches for sedimentary basins (the central part of Moesian Platform). *Book of abstracts at the 14-th workshop on EMI in the Earth, Sinaia, Romania, 44, 1998.*

34. D. Stănică, M. Stănică: Deep geoelectrical structure along the Pannonian-Carpathian geotranssect. *Book of abstracts at the 14-th workshop on EMI in the Earth, Sinaia, Romania, 155, 1998.*

35. M. Stănică, **D. Stănică**, C. Furnică: The placement of Trans-European Suture Zone by reliable arguments on the Romanian territory. *Book of abstracts at the 14-th workshop on EMI in the Earth, Sinaia, Romania, 116, 1998.*

36. Stanica M., **Stanica D.**, Marin-Furnica C.: The Placement of the Trans-European Suture Zone by Electromagnetic Arguments on the Romanian Territory. *Earth, Planets and Space, 51, 1073-1078, Japan, 1999, ISSN: 1343-8832, WOS, ISI.*

37. D. Stanica, M. Stanica, D. Zugrăvescu: Geodynamic evolution of the Vrancea seismogenic area revealed by magnetotelluric tomography. *St. Cerc. Geofizica, Tom. 37, 61-69, 1999, Bucuresti.*

38. Stanica D., Stanica M., Asimopolos L., A. Ivanov: Geoelectric models related to the Pannono-Carpathian System. Abstract in Rom. *Journal of Tectonics and Regional Geology, Vol. 77, supp. 1, EUROPROBE (Joint meeting of TESZ, PANCARDI, GeoRift), PO 25, Tulcea, 25 Sept-6 Oct., 1999.*

39. Asimopolos L., Atanasiu L., Cristea P., Ivanov. A., Nistor H., Roșca V., Spanoche S., Stanchievici B., **Stănică D.**: An integrated geophysical model in the East Carpathian Bend Zone and its foreland. *Abstract in Rom. Journal of Tectonics and Regional Geology, Vol. 77, supp. 1, 2, EUROPROBE (Joint meeting of TESZ, PANCARDI, GeoRift), Tulcea, Romania, 1999.*

40. B. D. Enescu, **D. Stănică** and D. Enescu: Estimation of electromagnetic impedance using data recorded in Vrancea zone. An attempt to separate the recorded electromagnetic signals. Basic approach. *Romanian Journal of Physics, 2000.*

41. D. Zugrăvescu, D. Stănică, M. Stănică, D. Enescu, A. Soare and F. Munteanu: Electromagnetic field recording in the geodynamic active Vrancea zone; precursory phenomena of the earthquakes. *Rev. Roum. de Geophysique, 44, p.99-121, 2000, Bucharest.*

42. Dumitru Stănică, Maria Stănică, Laurențiu Asimopolos: The main Tethyan suture zone revealed by magnetotelluric tomography. *Rev.Roum.de Geophysique, 44, p.123-130, 2000, Bucarest.*

43. Dorel Zugrăvescu, M. Ivașcu, **D. Stănică**, M. Paucă: Necesitatea și posibilitatea de a prevedea cutremurele de pământ din Romania folosind fenomenele precursoare. *St. cerc. Geofizica, Tomul 38, p. 53-61, Bucuresti, 2000.*

44. Dumitru Stănică, Maria Stănică: Magnetotelluric information regarding the main suture zones on the Romanian territory. *Suppl. Romanian Geophysics, SEG/EAGE/RSG, Abstracts Book, p.346-347, International Geophysical Conference & Exposition, April, 2000.*

45. A. Soare, D. Zugrăvescu, **D. Stănică**, Maria Stănică, Gabriela Cucu, F. Munteanu: Total solar eclipse of 11-th August 1999 and its reflection in transient geoelectromagnetic field. *Suppl. Romanian Geophysics, SEG/EAGE/RSG, Abstracts Book, p.398-399, International Geophysical Conference & Exposition, April, 2000.*

46. Dumitru Stănică, Maria Stănică: Geodynamic evolution of the Vrancea seismogenic area revealed by magnetotelluric tomography. *15-th Workshop on Electromagnetic Induction in the Earth, Book of Abstracts, 103-104, Cabo Frio, Brazil, 2000.*

47. D. Stănică: Carpathian conductivity anomaly and its relation with Trans-European Suture Zone. 15-th Workshop on Electromagnetic Induction in the Earth, *Book of Abstracts, 91-92, Cabo Frio, Brazil, 2000.*

48. D. Stănică and M. Stănică: Lithospheric magnetotelluric tomography in the Vrancea geodynamic zone. *Abstracts Book, IGCP-430, the 1-st Workshop/ Covasna, 81-82, 2000.*

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