

## **1. LUCRARI PUBLICATE**

1. Dolea P., Cristea O., Dascal P.V., **Moldovan I.A.**, Biagi P.F., Aspects regarding the use of the INFREP network for identifying possible seismic precursors, Physics and Chemistry of the Earth, Earthquakes Precursors and Earthquake Prediction: Recent Advances, Vol. 85–86, 2015, Pag. 34–43.
2. Maggipinto T., Biagi P.F., Colella R., Schiavulli L., Ligonzo T., Ermini A., Martinelli G., **Moldovan I.**, Silva H., Contadakis M., Skeberis C., Zaharis Z., Scordilis E., Katzis K., Buyuksarac A. and D'Amico S., A LF radio anomaly observed before the Mw=6.5 earthquake occurred in Crete on October 12, 2013, Physics and Chemistry of the Earth, acceptata spre publicare.
3. **Moldovan I.A.**, **Constantin A.P.**, Biagi P.F, Toma Danila, D., Moldovan A.S., Dolea P., Toader V.E, Maggipinto T., The development of the Romanian VLF/LF monitoring system as part of the international network for frontier research on earthquake precursors (INFREP), Rom. Journ. Phys., Vol. 60, Nos. 7–8, P. 1203–1217, Bucharest, 2015.
4. **Moldovan I.A.**, Diaconescu M., Popescu E., Radulian M., Toma-Danila D., **Constantin A.P.**, Placinta A.O., Input parameters for the probabilistic seismic hazard assessment in the eastern part of Romania and Black sea area, Rom. Journ. Phys., acceptata spre publicare.
5. **Constantin A.P.**, Partheniu R., **Moldovan I.A.**, Macroseismic intensity distribution of some recent Romanian earthquakes, Rom. Journ. Phys., acceptata spre publicare.
6. Toader V.E., **Moldovan I.A.**, Marmureanu A., Ionescu C., Detection of events in a multidisciplinary network monitoring Vrancea area, Rom. Journ. Phys., acceptata spre publicare.
7. Victorin-Emilian Toader, Ion M. Popescu, Iren-Adelina Moldovan, Ionescu Constantin Vrancea Seismicity Analysis Based On Cumulative Seismic Energy U.P.B. Sci. Bull., Series A, Vol. 77, Iss. 2, 2015, ISSN 1223-7027

## **2. CARTI PUBLICATE**

**Constantin A.P.**, Studii si cercetari in domeniul macroseismologiei cu aplicatie pentru cutremurele produse pe teritoriul Romaniei, Ed. Granada, 978-606-8254-57-9, pag. 212, 2015.

## **3. PARTICIPARE LA COLABORĂRI INTERNATIONALE:**

1. Proiect ASTARTE: **A**ssessment, **S**trategy **A**nd **R**isk reduction for **T**sunamis in **E**urope (Constantin Angela si Moldovan Iren)
2. Proiect Bilateral Romania - Cipru, Investigarea ionosferei pentru identificarea semnaturilor seismice deasupra Europei-**INES** (Moldovan Iren, Nastase Eduard, Toma Dragos si Constantin Angela)

#### **4. PARTICIPARE LA MANIFESTĂRI ȘTIINȚIFICE:**

##### **A.) “European Geosciences Union General Assembly 2015”, EGU - 2015**

1. Risk assessment for large Romanian dams situated on Bistrita and Siret Rivers, **Iren-Adelina Moldovan, Angela Petruta Constantin**, Emilia Popescu, Dragos Toma-Danila, and Anica Otilia Placinta;
2. Assessment of Tsunami Hazard for Western coast of the Black sea Andrey Zaytsev, Efim Pelinovsky, Ahmet Yalciner, Constantin Ionescu, and **Moldovan Iren**;
3. Source properties of earthquake sequences in the South-Western Carpathians (Romania), Emilia Popescu, Anica Otilia Placinta, Felix Borleanu, Mircea Radulian, Mihaela Popa, and **Iren Adelina Moldovan**
4. Disturbances of the VLF/LF radio signal reception at Dobrogea Seismological Observatory due to local abnormal electric activity **Iren-Adelina Moldovan**, Victorin Toader, Paul Dolea, and Pier Francesco Biagi

##### **B.) 13th International Balkan Workshop on Applied Physics, Constanta, Romania, 2-7 July 2015.**

1. Detection Of Events In A Multidisciplinary Network Monitoring Vrancea Area Victorin-Emilian Toader , Iren-Adelina Moldovan, Alexandru Marmureanu
2. Input Parameters For The Probabilistic Seismic Hazard Assessment In The Eastern Part Of Romania And Black Sea Area Iren -Adelina Moldovan, Mihail Diaconescu, Emilia Popescu, Angela Petruta Constantin, Dragos Toma -Danila, Anica Otilia Placinta
3. The INFREP European VLF/LF Radio Monitoring Network - Present Status And Preliminary Results Of The Cyprus Monitoring System Iren - Adelina Moldovan, Angela Petrut A Constantin, Konstantinos Katzis, Haris Haralambous, Dragos Toma - Danila, Pier Francesco Biagi
4. Investigation Of Earthquake Signatures On The Ionosphere Using Tec Values Over The European Region Eduard Nastase, Haris Haralambous, Christina Oikonomou, Alexandra Muntean, Doru Mateciuc, Iren Adelina Moldovan
5. Earthquake Triggering Effects Caused By Water Level Fluctuation At 2 Dams From Eastern Carpathians Felix Borleanu, Traian Moldoveanu, Mihaela Popa, Iren - Adelina Moldovan, Angela Petruta Constantin, Dragos Toma –Danila
6. Characteristics Of The Macroseismic Intensities Of The 2014 Vrancea Crustal Earthquake Angela Petruta Constantin, Iren Adelina Moldovan, Mircea Radulian, Constantin Ionescu
7. Investigation Of Pre - Earthquake Ionospheric Anomalies Related To Global M>5.8 Earthquakes Christina Oikonomou, Haris Haralambous, Iren - Adelina Moldovan

***C.) The 26th General Assembly of the International Union of Geodesy and Geophysics  
- IUGG, Praga, Cehia, 22 iunie - 2 iulie 2015***

1. Macroseismic intensity investigation of the November, 2014 M=5.7 Vrancea crustal earthquake – **A. P. Constantin, I.A. Moldovan**, C. Ionescu, M. Radulian.
2. Network seismic forecasting for Vrancea area - V.E. Toader , **I.A. Moldovan**, C. Ionescu.
3. Short-term warnings for moderate earthquakes based on cluster location of small magnitude events in Vrancea (Romania), A. Apostol, **A. P. Constantin, I.A. Moldovan**, I. Jurca, D. Toma Danila, V.E. Toader.
4. Statistical analysis of the seismic sources from the Eastern part of Romania and Black Sea for probabilistic seismic hazard assessment, **I.A. Moldovan**, M. Diaconescu, E. Popescu, **A.P. Constantin**, A.O. Placinta, D. Toma Danila.

***D.) Simpozionul national 75 ani de la cutremurul vrancean din 10 noiembrie 1940***

1. Macroseismic effects and parameters of the strong Vrancea subcrustal earthquake occurred on November 10, 1940 – **A. P. Constantin, I. A. Moldovan**, A. Pantea, M. Diaconescu.