

Romanian Society of Applied Geophysics

SGAR

Societatea de Geofizica Aplicata din Romania

16 noiembrie 2018

Simpozion stiintific

GEOSCIENCE 2018

organizat de

**Societatea de Geofizica Aplicata
din Romania**

in colaborare cu

Facultatea de Geologie si Geofizica

Societatea Geologica a Romaniei

Asociatia Romana de Geologie Inginereasca

Asociatia Hidrogeologilor din Romania

Program

Friday, November 16, 2018
Lazarescu Hall, 6 Traian Vuia Street,
Bucharest

OPENING SESSION

10:00 – 10:30

Prof. Dumitru Ioane, President, Romanian Society of Applied Geophysics

Prof. Lucian Petrescu, Vice-Dean, Faculty of Geology and Geophysics

Dr. Antoneta Seghedi, President, Geological Society of Romania

Assoc.Prof. Mihaela Stanciucu, President, Romanian Association of
Engineering Geology

Prof. Daniel Scradeanu, President, Association of Romanian Hydrogeologists

10:30 – 12:00

INVITED PRESENTATIONS

Dr. Ioan Seghedi: **MIOCENE - PLEISTOCENE MAGMATISM
IN THE APUSENI MOUNTAINS
AND CLOSE SURROUNDINGS
- A REVIEW -**

Prof. Cristian Marunteanu: **MACHU PICHU AND NAZCA
AS RECENTLY SEEN
BY A GEOLOGIST**

Prof. Dumitru Ioane: **TECTONIC AND GEODYNAMIC MODEL FOR THE
Drd. Irina Stanciu VRANCEA SEISMIC ZONE**

12:00 – 13:00

Coffee Break & Poster Session

13:00 – 15:00

Regional Geology, Geophysics & Seismology

Conveners: **Dr. Ioan Seghedi, Prof. Dumitru Ioane**

- 13:00 – 13:15 Ticleanu M., Pântea A., Nicolescu R., Constantin A.
THE PROCESS OF THINNING OF THE BASALTIC LAYER OF THE TERRESTRIAL CRUST IN THE CURVATURE AREA OF THE CARPATHIANS AND ITS POSSIBLE DYNAMIC SIGNIFICANCE
- 13:15 – 13:30 Nuțu-Dragomir M.-L., Ioane D., Diacopolos C., Chitea F., Stochici R.
GEOLOGICAL AND GEOPHYSICAL OBSERVATIONS AT THE LIMIT BETWEEN THE EAST CARPATHIANS AND THE FORELAND. STUDY CASE: CAȘIN–BISOCA FAULT (VRANCEA REGION)
- 13:30 – 13:45 Ioane D., Nuțu-Dragomir M.-L., Diacopolos C., Stochici R., Stanciu I.M.
LOOKING FOR REGIONAL FAULTS CROSSING THE VRANCEA SEISMOGENIC ZONE
- 13:45 – 14:00 Mebraska S.
GEODYNAMICS AND SEISMICITY OF NORTHERN ALGERIA
- 14:00 – 14:15 Stanciu I.M., Ioane D.
THE INTRAMOESIAN FAULT: TECTONIC CONTACT AT CRUSTAL AND LITHOSPHERIC DEPTHS?
- 14:15 – 14:30 Furnica C.V.
LINKAGE BETWEEN THE GLOBAL WARMING AND EARTH'S SEISMICITY ($M \geq 7.0$), REVEALED BY THE ELECTRODE EFFECT OF THE GLOBAL TECTONIC ACTIVITY
- 14:30 – 14:45 Petrescu L., Stuart G., Houseman G., Bastow I., Ivan I., Smith C.
PROBING UPPER MANTLE DEFORMATION IN CENTRAL AND EASTERN EUROPE USING SKS ANISOTROPY
- 14:45 – 15:00 Poiata N., Tataru D., Grecu B.
TOWARDS CONTINUOUS SEISMIC MONITORING IN GALATI AREA

15:00 – 15:30

Sessions Break

15:30 – 17:45

Applied Geology and Geophysics

Conveners: **Prof. Cristian Marunteanu, Assoc.Prof. Ionelia Panea**

- 15:30 – 15:45 Milutinovici E., Milutinovici S., Chiotan V., Ioanidi A.
GEOLOGICAL AND GEOTECHNICAL CONSIDERATIONS ABOUT ALBANIAN KUKESH – MORINE HIGHWAY
- 15:45 – 16:00 Scradeanu D., Scradeanu M.
DEWATERING EFFICIENCY AND GROUNDWATER CONTROL IN URBAN AREAS. CASE STUDY: OTOPENI – BUCHAREST
- 16:00 – 16:15 Chitea F., Ioane D., Drăgusin V., Mirea I.C., Şandric I., Covaliov S., Diaconu A.
ELECTRICAL RESISTIVITY SURVEY FOR UNDERGROUND VOIDS (NATURAL AND/OR ANTHROPOGENIC) IN THE LIMANU AREA (SOUTH DOBROGEA, ROMANIA)
- 16:15 – 16:30 Talmaciu A., Panea I., Iacob C., Stefan A.
RETRIEVAL OF BODY-WAVE REFLECTIONS FROM AMBIENT NOISE RECORDED IN THE TARGOVISTE AREA, ROMANIA
- 16:30 – 16:45 Peneoaşu C.I., Panea I., Iacob C., Mocanu D.
COMPARATIVE ANALYSES OF RAW AND VIRTUAL SURFACE WAVES RECORDED IN PASSIVE SEISMIC SURVEYS
- 16:45 – 17:00 Popescu I., Panea I., Iacob C., Paun M.
COMPUTATION OF P- AND S-WAVE VELOCITIES USING SEISMIC WAVES GENERATED BY IMPACT SOURCES
- 17:00 – 17:15 Ciulica V., Mihalcea M., Tudor E., Panea I., Iacob C., Nache F.
DETERMINATION OF SUBSURFACE GEOLOGICAL STRUCTURE USING ACTIVE SHALLOW SEISMIC REFLECTION MEASUREMENTS
- 17:15 – 17:30 Dimitriu R.G., Barbu M.B., Stanciu I.M.
HIGH RESOLUTION GEOPHYSICAL INVESTIGATION OF THE SEABED OFF MIDIA HARBOUR
- 17:30 – 17:45 Garbacea G., Chiriloaiu C.
GEOSPATIAL MODELLING AND SPATIAL PREDICTION OF SOIL pH

Posters

Stănciucu M., Mărunțeanu C., Milutinovici E., (†) Bogățeanu N.-L.

**ENGINEERING GEOLOGY – 70 YEARS OF EDUCATION IN
GEOLOGICAL AND GEOPHYSICAL ENGINEERING IN ROMANIA**

Ghita C., Diaconescu M., Oros E., Craiu A., Marius M.

**TEMPORAL VARIATION OF SEISMIC b - VALUE BENEATH
DANUBIAN SEISMOGENIC AREA**

Dinescu R.

**ACTIVE TECTONICS AND GEODYNAMICS OF THE
CARPATHO-BALKAN REGION**

Alecu E.

**3D GRAVITY AND MAGNETIC MODELLING IN THE
MOESIAN PLATFORM**

17:45 – 18:00

GEOSCIENCE 2018 SYMPOSIUM CLOSURE