



## Electrical Signatures of Groundwater

### Session Program

**Conveners:** Prof. Aurelian Negut and Lect. Florina Tuluca - Room II 7

**13:30 – 13:45** F. Chitea, A. Barla, A. Olariu – GIS DATABASE OF MINERAL SPRINGS FROM TUSNAD – BALVANYOS AREA

**13:45 – 14:00** A. Olariu, F. Chitea – SHORT TIME MONITORING OF TUSNAD-BALVANYOS REPRESENTATIVE MINERAL SPRINGS

**14:00 – 14:15** A. Ionescu, B.M. Kis, C. Baci, A.I. Cozma, A. Sciarra, M. Moldovan, G. Etiope – FIRST ASSESSMENT OF THE FLUX AND ORIGIN OF METHANE AT THE CIOMADU POST-VOLCANIC AREA (ROMANIA)

**14:15 – 14:30** A.I. Cozma, N.B. Brisan, A. Ionescu, C. Baci, M. Moldovan – CONSIDERATIONS ON THE ORIGIN OF MINERAL WATERS IN CIOMADUL AREA (EASTERN CARPATHIANS) BASED ON CHEMICAL AND CHEMOMETRIC DATA

**14:30 – 14:45** H. Mitrofan, M. Visan, F. Chitea - CHLORIDE GROUNDWATER DISCHARGES OUT OF CIOMADUL VOLCANO (ROMANIA): POSSIBLE EVIDENCE FOR SEVERAL DISTINCT DEEP-RESERVOIRS SATURATED WITH HIGH-TEMPERATURE FLUIDS

**14:45 – 15:00** A. Enacheoai, A. Olariu – GEOELECTRICAL STUDIES IN THE AREA OF BALVANYOS SPA

**15:00 – 15:30 COFFEE BREAK**

**Conveners:** Assoc.Prof. Nicoleta Brisan and Drd. Irina Caragea - Room II 7

**15:30 – 15:45** G.I. Ivan, I. Caragea, A. Gastescu, D. Ioane – DETAILED MAGNETIC SURVEYS FOR MINERAL GROUNDWATER IN AN ACTIVE POSTVOLCANIC ENVIRONMENT: ST. ANA – BALVANYOS AREA, ROMANIA

**15:45 – 16:00** I. Fikos, F. Chitea – LANDSLIDES FOOTPRINTS ON GEOELECTRICAL DATA – INSIGHTS FROM TWO CASE STUDIES

**16:00 – 16:15** A. Diaconu, A. Serban – GEOELECTRICAL INVESTIGATION OF TAILING POND FROM TARNAVENI CITY

**16:00 – 16:30** A. Negut – WELL LOGGING APPLIED FOR GROUNDWATER: CASE STUDIES FROM ROMANIA

### POSTERS

**16:30 – 16:45** M. Moldovan, N.B. Brisan, A. Cozma, A. Ionescu, T. Sferle – RADON MEASUREMENTS IN SOIL AND MINERAL WATERS FROM BALVANYOS, TUSNAD AND HOMOROD AREAS

**16:45 – 17:00** A. Biliuta, F. Chitea, S. Hancu - GEOELECTRICAL INVESTIGATION OF HOMOROD – MUD VOLCANOES AREA