

UNIVERSITATEA DIN BUCURESTI

Facultatea de Geologie si Geofizica

Centrul LYTHOS

**Catre Directia Resurse Umane**

Prin prezenta va transmitem urmatoarele:

A. Componenta comisiei de concurs pentru postul vacant de geofizician cu perioada determinata, din ştatul centrului este:

Presedinte: prof.dr. Lucian Petrescu  
Membri: conf.dr. Roban Relu  
lect.dr. Jianu Denisa

Tematica concursului:

- petrologie magmatica ;
- geocronologie Ar-Ar ;
- geochemia rocilor bazice ;
- delaminarea lithosferei ;
- modelarea geochemica si termobarometria bazaltelor .

B. Bibliografie:

- Ducea, M. N. (2002). Constraints on the bulk composition and root foundering rates of continental arcs: A California arc perspective. *Journal of Geophysical Research: Solid Earth*, 107(B11).
- Ducea, M. N., Seclaman, A. C., Murray, K. E., Jianu, D., & Schoenbohm, L. M. (2013). Mantle-drip magmatism beneath the Altiplano-Puna plateau, central Andes. *Geology*, 41(8), 915-918.
- Elkins-Tanton, L. T. (2007). Continental magmatism, volatile recycling, and a heterogeneous mantle caused by lithospheric gravitational instabilities. *Journal of Geophysical Research: Solid Earth*, 112(B3).
- Le Roux, V., Lee, C. T., & Turner, S. J. (2010). Zn/Fe systematics in mafic and ultramafic systems: Implications for detecting major element heterogeneities in the Earth's mantle. *Geochimica et Cosmochimica Acta*, 74(9), 2779-2796.

- Lee, C. T., Luffi, P., Plank, T., Dalton, H., & Leeman, W. P. (2009). Constraints on the depths and temperatures of basaltic magma generation on Earth and other terrestrial planets using new thermobarometers for mafic magmas. *Earth and Planetary Science Letters*, 279(1), 20-33.
- Panaiotu, C. G., Jicha, B. R., Singer, B. S., Țugui, A., Seghedi, I., Panaiotu, A. G., & Necula, C. (2013). 40 Ar/39 Ar chronology and paleomagnetism of Quaternary basaltic lavas from the Perșani Mountains (East Carpathians). *Physics of the Earth and Planetary Interiors*, 221, 1-14.
- Putirka, K. D. (2008). Thermometers and barometers for volcanic systems. *Reviews in Mineralogy and Geochemistry*, 69(1), 61-120.

C. Conditii minime de participare:

- Licenta in domeniul geofizica
- Cunoasterea unei limbi straine
- Participare la simpozioane internationale de specialitate
- Abilitati in tematica proiectului

Concursul se va desfasura la sediul centrului din Bd. Nicolae Balcescu nr. 1, Facultatea de Geologie si Geofizica, parter.

Director Centru,  
Conf.dr. Relu Roban

