



Call for Applications
Post/s of Research Support Officer II/III
(Seismic Monitoring and Research Group – Department of Geosciences)

1. About the SMRG: The Seismic Monitoring and Research Group within the Department of Geosciences at the University of Malta requires the services of a Research Support Officer to work on projects and activities conducted by the Group. The Group operates the Malta Seismic Network, consisting of three broadband seismic stations on Malta and Gozo, as well as a Virtual Mediterranean Regional Network based on the SeiscomP protocol. The network is a real-time contributor to the Virtual European Broadband Seismic Network (VEBSN) and other global networks. The main functions and research interests of the SMRG are the continuous monitoring, mapping and analysis of seismicity in the Central Mediterranean, with particular emphasis on aspects of seismic hazard and seismic risk to the Maltese Islands; seismic site response and earthquake ground motion modelling; the study of crustal structure and tectonics of the Central Mediterranean, and development of improved systems for rapid and accurate epicentre locations. The SMRG provides the first contact with the media as regards earthquake reporting and information.
2. The ideal candidate should:
 - ♦ hold a Masters degree (Research Support Officer II) or a PhD degree (Research Support Officer III), preferably in an area of geophysics, with a good mathematics and physics background, and ideally have some research experience in seismology.
 - ♦ ideally be familiar with the European seismological networking community; knowledge of SeisComp will be considered an asset
 - ♦ have a good familiarity with LINUX;
 - ♦ be able to work both independently and as a member of a team;
 - ♦ be prepared to carry out fieldwork and station maintenance;
 - ♦ have good communication skills, both oral and written (a good command of the English Language is essential);
3. This post, which is for a fixed term contract of two years, with the possibility of renewal, carries a salary of:

Research Support Officer II - €24,960 per annum
Research Support Officer III - €31,200 per annum
4. Candidates should submit their letter of application, a copy of their curriculum vitae and a scanned copy of their certificates. Applications must be sent by e-mail to projects.hrmd@um.edu.mt and should be received by not later than **noon of Thursday 3rd Decemeber 2015**.

Late applications will not be considered.

N.B. Kindly indicate the Project/ Department/Centre/Institute you are applying for.
5. Further information may be obtained from the Office for Human Resources Management and Development, Room 215, Administration Building or from the website: <http://www.um.edu.mt/hrmd/vacancies>



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Further Information

1. The post offers very good prospects for capacity building and research opportunities within international collaborations. The Department aims to increase its research potential by participating in nationally and internationally funded projects. It enjoys good working relations with a number of Research Institutes and Seismological Data Centres in Europe, and the chosen candidate will be strongly encouraged to pursue these opportunities for the benefits of his/her own advancement and that of the Department.
2. The appointee will be required to:
 - ◆ contribute actively towards the operation and maintenance of the Malta Seismic Network and Virtual Mediterranean Regional Network and ensure continuous data transmission with least interruption possible
 - ◆ perform regular seismic data processing such as earthquake location and analysis, compilation of a regular seismic bulletin and back-up and archiving of data, and contribute to the SMRG website and database;
 - ◆ be an active participant in new research projects embarked on by the SMRG, particularly a temporary dense seismic network experiment planned for 2016;
 - ◆ assist in the continuous operation of the SMRG, and be updated with hardware, software and networking developments;
 - ◆ undertake any necessary training abroad;
 - ◆ provide assistance with student research projects and field work;
 - ◆ assist in the general running of day to day activities including purchasing of equipment, handling of conferences and seminars;
 - ◆ work on a day to day basis with the SMRG coordinator, and be responsible to the Head of the Department of Geosciences.
3. The appointee is expected to work:
 - a. on a full-time basis
 - b. at such places and during such hours as may be determined by the University authorities.
4. The selection procedure will involve:
 - a. scrutiny of qualifications and experience claimed as supported by testimonials and/or certificates (copies to be included with the application); and
 - b. an interview and / or extended interview.
5. The appointment will be subject to a probationary period of one year, and to the provisions of the Statutes, Regulations and Bye-Laws of the University which are now or which may hereafter be in force.



Sejha Għall-Applikazzjonijiet Post/Postijiet t'Uffiċjal ta' Sostenn tar-Riċerka II/III

(Monitoraġġ Siżmiku u Grupp tar-Riċerka - Dipartiment tal-Geosciences)

1. **Dwar I-SMRG:** Il-Monitoraġġ siżmiku u I-Grupp tar-Riċerka fi f'ndan id-Dipartiment tal-Geosciences fl-Università ta' Malta teħtieġ is-servizzi t'Uffiċjal ta' Sostenn tar-Riċerka biex j/taħdem fuq proġetti w attivitajiet immexxija mill-Grupp. Il-Grupp jopera n-*Network* Siżmiku Malti, li jikkonsisti fi tliet stazzjonijiet siżmiċi *broadband* fuq Malta u Għawdex, kif ukoll bħala *Virtual Mediterranean Regional Network* bbażata fuq il-protokoll Seiscomp. In-*network* huwa kontributor fil-ħin reali għall-*Virtual European Broadband Seismic Network* (VEBSN) u *networks* oħra globali. Il-funzjonijiet prinċipali u l-interessi tar-riċerka tas-SMRG huma l-monitoraġġ kontinwu, *mapping* w analiżi tas-siżmiċità fil-Mediterran Ċentrali, b'enfasi partikolari fuq aspetti ta' periklu siżmiku u r-riskju siżmiku għall-Gżejjer Maltin; sit ta' rispons siżmiku w immudellar ta' ċaqliq tal-art f'terremot; l-istudju ta' struttura *crustal* u *tectonics* tal-Mediterran Ċentrali, u l-iżvilupp ta' sistemi mtejba għall-postijiet ta' epċentru rapidu w eżatt. Is-SMRG jipprovi l-ewwel kuntatt mal-midja fir-rigward ta' rappurtaġġ ta' terremot w informazzjoni.
2. Il-kandidat ideali għandu:
 - jkollu/ha grad ta' Masters (Uffiċjal ta' Sostenn tar-Riċerka II) jew grad ta' PhD (Uffiċjal ta' Sostenn tar-Riċerka III), preferibbilment f'qasam ta' ġeofizika, b'matematika tajba u sfond ta' fizika, w idealment ikollu/ha xi esperjenza fir-riċerka fis-siżmoloġija;
 - idealment i/tkun familjari mal-komunità Ewropeja tan-*networking* siżmiku; għarfien tas-SeisComp ikun meqjus bħala vantaġġ;
 - jkollu/ha familjarità tajba mal-LINUX;
 - i/tkun kapaċi j/taħdem kemm b'mod indipendenti u bħala membru ta' tim;
 - j/tkun ippreparat/a biex i/twettaq *fieldwork* u stazzjon ta' manutenzjoni;
 - jkollu/ha abbiltajiet tajba ta' komunikazzjoni, kemm orali u bil-miktub (kmand tajjeb tal-lingwa Ingliża huwa essenzjali);
3. Dan il-post, li hu għal kuntratt b'terminu fiss ta' sentejn, bil-possibilità ta' tiġdid, għandu salarju ta':

Uffiċjal ta' Sostenn tar-Riċerka II - €24,960 fis-sena
Uffiċjal ta' Sostenn tar-Riċerka III - €31,200 fis-sena
4. Il-kandidati għandhom jibgħatu ittra tal-applikazzjoni, kopja tal-*curriculum vitae* u kopja skennjata taċ-ċertifikati. L-applikazzjonijiet iridu jintbghatu permezz ta' e-mail lil projects.hrmd@um.edu.mt u jintlaqgħu mhux aktar tard minn **nofs in-nhar tat-xxx, xx ta' Novembru 2015**.

Applikazzjonijiet li jaslu wara din id-data ma jiġux ikkunsidrati.

N.B. Ġentilment indikaw il-Proġett/id-Dipartiment/iċ-Ċentru/I-Istitut li qed tapplikaw fih.

5. Aktar tagħrif jista' jinkiseb mill-Uffiċċju għat-Tmexxija u l-Iżvilupp tar-Riżorsi Umani, Kamra 215, Uffiċċji Amministrattivi u mill-website: <http://www.um.edu.mt/hrmd/vacancies>.