PERSONAL INFORMATION

Andrea Magrin

WORK EXPERIENCE

October 2020 – present	Researcher National Institute of Oceanography and Applied Geophysics, Udine, Italy
January 2017 - September 2020	Post-Doc National Institute of Oceanography and Applied Geophysics, Udine, Italy
March 2015 - December 2015	Visiting scientist Abdus Salam International Centre for Theoretical Physics, Trieste, Italy
February 2013 - January 2015	Post-Doc University of Trieste, Mathematics and Geoscience Department, Italy.
January 2010 – December 2012	Ph.D. student University of Trieste, Earth Science Department, Italy

EDUCATION AND TRAINING

January 2010 – April 2013	Ph.D. in Geophysics of the Lithosphere and Geodynamics University of Trieste
September 2006 – September 2009	Master degree in Physics University of Trieste
September 2002 – April 2006	Bachelor degree in Physics University of Trieste

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English: listening B2, reading B2, speaking B2, writing B2
Digital skills	Programming languages: good knowledge of Fortan (77, 90), shell scripting (bash and tcsh) and python; basic knowledge of c/c++ and perl. Specific softwares and libraries: good knowledge of gmt, gamit/globk; basic knowledge of slurm, seiscomp, R

Publications

Rossi G, Bianchi I, Magrin A, Molinari I, Stipčević J and Handy MR (2022), **Editorial: The structure of the central Mediterranean: Insights from seismological and geophysical data**. Front. Earth Sci. 10:1003668. https://doi.org/10.3389/feart.2022.1003668

Tunini, L., Zuliani, D., Magrin, A. (2022). **Applicability of Cost-Effective GNSS Sensors for Crustal Deformation Studies.** Sensors, 22, 350. https://doi.org/10.3390/s22010350

Bragato, P. L., Comelli, P., Saraò, A., Zuliani, D., Moratto, L., Poggi, V., Rossi, G., Scaini, C., Sugan, M., Barnaba, C., Bernardi, P., Bertoni, M., Bressan, G., Compagno, A., Del Negro, E., Di Bartolomeo, P., Fabris, P., Garbin, M., Grossi, M., Magrin, A., Magrin, E., Pesaresi, D., Petrovic, B., Plasencia Linares, M. P., Romanelli, M., Snidarcig, A., Tunini, L., Urban, S., Venturini, E., Parolai, S. (2021). **The OGS–Northeastern Italy Seismic and Deformation Network: Current Status and Outlook.** Seismological Society of America, 92(3), 1704-1716.

Magrin A., Rossi G. (2020). **Deriving a New Crustal Model of Northern Adria: The Northern Adria Crust (NAC) Model.** Frontiers in Earth Science, https://doi.org/10.3389/feart.2020.00089.

Bressan G., Barnaba C., Magrin A., Rossi G. (2018). **A study on off-fault aftershock pattern at N-Adria microplate.** J Seismol, https://doi.org/10.1007/s10950-018-9737-x.

Magrin A., Peresan A., Kronrod T., Vaccari F. and Panza G.F. (2017). **Neo-deterministic seismic hazard assessment and earthquake occurrence rate.** Engineering Geology, Vol. 225, 95–109, DOI 10.1016/j.enggeo.2017.09.004.

Parvez I. A., Magrin A., Peresan A., Ashish, Mir R. R. and Panza G.F. (2017). **Neo-deterministic seismic hazard scenarios for India—a preventive tool for disaster mitigation.** J Seismol, 21(6), 1559-1575, DOI 10.1007/s10950-017-9682-0.

Hassan H.M., Romanelli F., Panza G.F., El Gabry M.N. and Magrin A. (2017). **Update and sensitivity analysis of the neo-deterministic seismic hazard assessment for Egypt.** Engineering Geology, Vol. 218, 77–89.

Fasan M., Magrin A., Amadio C., Romanelli F., Vaccari F. and Panza G.F. (2016). **A seismological and engineering perspective on the 2016 Central Italy earthquakes.** Int. J. Earthquake and Impact Engineering, Vol. 1, No. 4.

Magrin A., Gusev A.A., Romanelli F., Vaccari F. and Panza G.F. (2016). **Broadband NDSHA computations and earthquake ground motion observations for the Italian territory.** Int. J. Earthquake and Impact Engineering, Vol. 1, Nos. 1/2.

Nekrasova A., Kossobokov V.G., Peresan A. and Magrin A. (2014). **The comparison of the NDSHA, PSHA seismic hazard maps and real seismicity for the Italian territory.** Natural hazards, 70(1), 629-641.

Mourabit T., Abou Elenean K. M., Ayadi A., Benouar D., Ben Suleman A., Bezzeghoud M., Cheddadi A., Chourak M., ElGabry M. N., Harbi A., Hfaiedh M., Hussein H. M., Kacem J., Ksentini A., Jabour N., Magrin A., Maouche S., Meghraoui M., Ousadou F., Panza G.F., Peresan A., Romdhane N., Vaccari F. and Zuccolo E., (2013) **Neo-Deterministic Seismic Hazard Assessment in North-Africa. Journal of Seismology.** DOI 10.1007/s10950-013-9375-2.

Panza G.F., Peresan A., Magrin A., Vaccari F., Sabadini R., Crippa B., Marotta A.M., Splendore R., Barzaghi R., Borghi A., Cannizzaro L., Amodio A. and Zoffoli S. (2011). **The SISMA prototype system: integrating Geophysical Modeling and Earth Observation for time-dependent seismic hazard assessment.** Natural Hazards 1–20. doi:10.1007/s11069-011-9981-7.

Monfalcone, 20/7/2023