

Elenco pubblicazioni selezionate (riviste internazionali):

- 1) Romanelli, F., and Panza, G. F., 1995. Effect of source depth correction on the estimation of earthquake size. *Geophysical Research Letters*, Vol. 22, No. 9, pp. 1017-1019.
- 2) Romanelli, F., Bing, Z., Vaccari, F. and Panza, G. F., 1996. Analytical computation of reflection and transmission coupling coefficients for Love waves. *Geophysical Journal International*, 125, pp. 132-138.
- 3) Romanelli, F., Bekkevold, J. and Panza, G.F., 1997. Analytical computation of coupling coefficients in non-poissonian media. *Geophysical Journal International*, 129, 205-208.
- 4) Panza, G.F., Vaccari, F. and Romanelli, F., 1999. The IUGS-UNESCO IGCP Project 414 : Realistic modeling of Seismic Input for Megacities and Large Urban Areas. *Episodes*, Vol. 22, No 1, 26-32.
- 5) Romanelli, F. and Vaccari, F., 1999. Site response estimation and ground motion spectrum scenario in the Catania area. *Journal of Seismology*, 3, 311-326.
- 6) Panza, G.F., Romanelli F. and Yanovskaya, T., 2000. Synthetic Tsunami mareograms for realistic oceanic models, *Geophysical Journal International*, 141, 498-508.
- 7) Panza, G.F., Romanelli F. and Vaccari, F., 2000. Seismic wave propagation in laterally heterogeneous anelastic media: Theory and applications to seismic zonation, *Advances in Geophysics*, Vol. 43, pp. 1-95, Academic Press, San Diego.
- 8) Panza, G.F., Romanelli F. and Vaccari, F., 2000. Realistic modelling of waveforms in laterally heterogeneous anelastic media by modal summation, *Geophysical Journal International*, 143, 340-352.
- 9) El-Sayed, A., Romanelli, F. and Panza, G.F., 2000. Recent seismicity and realistic waveforms modeling to reduce the ambiguities about the 1303 seismic activity in Egypt, *Tectonophysics*, 328, 341-357.
- 10) Romanelli, F., Vaccari F. and Panza, G.F., 2001. Application of the modal summation technique to the theoretical site response estimation, *Journal of Computational Acoustics*, 9, 643-653.
- 11) Panza, G.F. and Romanelli, F., 2001. Beno Gutenberg contribution to seismic hazard assessment and recent progress in the European-Mediterranean region, *Earth-Science Reviews*, 55, 165-180.

- 12) Panza, G.F., Vaccari, F. and Romanelli, F., 2001. Realistic modeling of seismic input in urban areas: a UNESCO-IUGS-IGCP project. *PAGEOPH*, Vol. 158, No 12, 2389-2406.
- 13) Romanelli, F., 2002. Earthquake Ground Motion, in Earth and Atmospheric Sciences (Geophysics and Geochemistry), in *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford ,UK, [<http://www.eolss.net>].
- 14) Yanovskaya, T.B., Romanelli, F. and Panza, G.F., 2003. Tsunami excitation by inland/coastal earthquakes: the Green function approach, *Natural Hazards and Earth System science*, 3, 353-365.
- 15) Yanovskaya, T.B., Romanelli, F. and Panza, G.F., 2003. Comments and Replies Comment on "Analytical Model for Gravity and Rayleigh Wave Investigation in the Layered Ocean-Earth Structure," by T. novikova, K.-L. Wen, and B.-S. Huang, *Bulletin of the Seismological Society of America*, 93, 2, pp. 960-961.
- 16) Romanelli, F., Vaccari, F. and Panza, G.F., 2003. Realistic Modelling of the Seismic Input: Site Effects and Parametric Studies, *Journal of Seismology and Earthquake Engineering*, Vol. 5, No. 3, pp. 27-39.
- 17) Kouteva, M., Panza, G.F., Romanelli, F. and Paskaleva, I., 2004. Modelling of the ground motion at Russe site (NE Bulgaria) due to the Vrancea earthquakes. *Journal of Earthquake Engineering*, 8, 2, 209-229.
- 18) Ding, Z., Romanelli, F., Chen, Y.T. and Panza, G.F., 2004. Realistic Modeling of Seismic Wave Ground Motion in Beijing City. *PAGEOPH*, 161, 1093-1106.
- 19) Romanelli, F., Panza, G.F. and Vaccari, F., 2004. Realistic Modelling of the Effects of Asynchronous motion at the Base of Bridge Piers, *Journal of Seismology and Earthquake Engineering*, Vol. 6, No. 2, pp. 19-28.
- 20) Kouteva M., Panza G. F., Romanelli F., Paskaleva I., "Modelling of the ground motion at Russe site (NE Bulgaria) due to the Vrancea earthquakes". *Journal of Earthquake Engineering*, 2004, Vol. 8, pp. 209-229.

- 21) Vaccari F., Romanelli F., Panza G. F., "Detailed modelling of strong ground motion in Trieste; Modellazione dettagliata del moto sismico del suolo a Trieste". *Geologia tecnica e ambientale*, 2005, Vol. 2, pp. 7-40.
- 22) Paulatto M., Pinat T., Romanelli F. "Tsunami hazard scenarios in the Adriatic Sea domain". *Natural Hazards And Earth System Sciences* (on line), 2007, vol. 7, pp. 309-325.
- 23) Aoudia A., Ismail-Zadeh A.T., Romanelli F. (2007), "Buoyancy-driven deformation and contemporary tectonic stress in the lithosphere beneath Central Italy". *TERRA NOVA*, 2007, vol. 19, pp. 490-495.

(L'**impact factor** (JCR CD-ROM, 1998) delle riviste sopra menzionate è il seguente: *Geophysical Research Letters* – 2.606 (1995); *Geophysical Journal International* – 1.390 (1996), 1.445 (1997), 1.544 (2000), 1.366 (2001); *Advances in Geophysics* – 4.333 (2000); *Tectonophysics* – 1.393 (2000); *Journal of Computational Acoustics* – 0.625 (2000); *PAGEOPH* – 0.728 (2001); *Journal of Seismology* – 0.655 (2000); *Episodes* – 0.582 (2000), 0.941 (2002); *Earth Science Reviews* - 2.544 (2001); *Natural Hazards* – 0.506 (2002); *BSSA* – 1.256 (2002) .