

ISC data cited in research publications

in 2018

This list is a result of a special effort to put together a collection of scientific papers that used ISC data and published in 2018, The list is by no means exhaustive. The ISC has become such a familiar name that many researchers unfortunately fail to reference the ISC when using the ISC data.

To track publications using one or more of the ISC dataset and services, we have set up automatic alerts with Google Scholar for scientific papers that refer to ISC. The Google Scholar alerts return matches with different ways to refer to the ISC as normally done by authors, such as “International Seismological Centre”, “International Seismological Center”, “ISC-GEM”, “ISC-EHB” and “EHB”+”seismic”. No doubt many more references can be found by using different search phrases. Below are the bibliographic references of the ~250 publications for year 2018 as gathered with Google Scholar alerts. The references of articles published in journals are listed first, followed by the references for other types of publications (.e.g, chapters in books, reports, thesis, websites). The references are sorted by journal name. The vast majority of the references below belongs to articles in journals.

Abdurrachman, M., Widiyantoro, S., Priadi, B. and Ismail, T. (2018). Geochemistry and Structure of Krakatoa Volcano in the Sunda Strait, Indonesia, *I*, 8, 4, 111, <http://doi.org/10.3390/geosciences8040111>.

Adam, J.M.-C., Ibourichène, A. and Romanowicz, B. (2018). Observation of core sensitive phases: Constraints on the velocity and attenuation profile in the vicinity of the inner-core boundary, *Phys. Earth planet. Interiors*, 275, 19-31, <http://doi.org/10.1016/j.pepi.2017.12.008>.

Adly, A., Danciu, L., Fäh, D., Poggi, V., Omran, A. and Hassoup, A. (2018). Probabilistic seismic hazard model for Cairo, Egypt: estimates and uncertainties, *Bull. Earthquake Eng.*, 16, 12, 5697-5733, <http://doi.org/10.1007/s10518-018-0440-7>.

Afzal, P., Adib, A. and Ebadati, N. (2018). Delineation of seismic zonation using fractal modeling in West Yazd province, Central Iran, *J. Seismol.*, 22, 6, 1377-1393, <http://doi.org/10.1007/s10950-018-9770-9>.

Ahulu, S.T., Danuor, S.K. and Asiedu, D.K. (2018). Probabilistic seismic hazard assessment of southern part of Ghana, *J. Seismol.*, 22, 3, 539-557, <http://doi.org/10.1007/s10950-017-9721-x>.

Almendros, J., Carmona, E., Jiménez, V., Díaz-Moreno, A. and Lorenzo, F. (2018). Volcano-Tectonic Activity at

Deception Island Volcano Following a Seismic Swarm in the Bransfield Rift (2014-2015), *Geophys. Res. Lett.*, 45, 10, 4788-4798, <http://doi.org/10.1029/2018gl077490>.

Alvarez, L., Rodriguez, A.M., Gonzalez, O.L., Moreno, B. and Cabrera, A. (2018). Seismotectonics of the Nicaraguan Depression from Recent Seismicity, *Journal of Geology & Geophysics*, 07, 05, <http://doi.org/10.4172/2381-8719.1000446>.

Amini, H., Zare, M. and Ansari, A. (2018). Fault parameters and macroseismic observations of the May 10, 1997 Ardekul-Ghaen earthquake, *J. Seismol.*, 22, 5, 5-19, <http://doi.org/10.1007/s10950-017-9689-6>.

Amini, S., Roberts, R., Raeesi, M., Shomali, Z.H., Lund, B. and Zarifi, Z. (2018). Fault slip and identification of the second fault plane in the Varzeghan earthquake doublet, *J. Seismol.*, 22, 4, 815-831, <http://doi.org/10.1007/s10950-018-9734-0>.

Angadi, S., Hiravennavar, A., Desai, M.K., Solanki, C.H. and Dodagoudar, G.R. (2018). Development of Gutenberg-Richter Recurrence Relationship Using Earthquake Data, *Green Buildings and Sustainable Engineering*. Springer Trans. Civil Env. Eng., 281-288, http://doi.org/10.1007/978-981-13-1202-1_25.

- Anghelache, M.-A., Mitrofan, H., Chitea, F., Damian, A., Viişaan, M. and Cadicaneanu, N. (2018). The Space-Time Distribution of Moderate- and Large-Magnitude Vrancea Earthquakes Fits Numerically-Predicted Stress Patterns, In: Vacareanu R., Ionescu C. (eds) *Seismic Hazard and Risk Assessment*. Springer, Cham, 39-51, http://doi.org/10.1007/978-3-319-74724-8_3.
- Atashbari, V., Tingay, M. and Amrouch, K. (2018). Stratigraphy, Tectonics and Hydrocarbon Habitat of the Abadan Plain Basin: A Geological Review of a Prolific Middle Eastern Hydrocarbon Province, *Geosciences*, 8, 12, 496, <http://doi.org/10.3390/geosciences8120496>.
- Attwa, M. and Henaish, A. (2018). Regional structural mapping using a combined geological and geophysical approach - A preliminary study at Cairo-Suez district, Egypt, *J. Afr. Earth. Sci.*, 144, 104-121, <http://doi.org/10.1016/j.jafrearsci.2018.04.010>.
- Audet, P. and Ma, S. (2018). Deep Crustal Earthquakes in the Beaufort Sea, Western Canadian Arctic, from Teleseismic Depth Phase Analysis, *Seismol. Res. Lett.*, 89, 4, 1379-1384, <http://doi.org/10.1785/0220180047>.
- Barani, S., Mascandola, C., Riccomagno, E., Spallarossa, D., Albarello, D., Ferretti, G., Scafidi, D., Augliera, P. and Massa, M. (2018). Long-range dependence in earthquake-moment release and implications for earthquake occurrence probability, *Sci. Rep.*, 8, 1, <http://doi.org/10.1038/s41598-018-23709-4>.
- Baruah, S. and Boruah, M. (2018). Waveform Modelling of 2009 Bhutan Earthquake of Magnitude 6.1 (Mw) Using Local Network Data of North East India, *Moment Tensor Solutions*, 389-404, http://doi.org/10.1007/978-3-319-77359-9_18.
- Beauval, C., Marinière, J., Yepes, H., Audin, L., Nocquet, J.-M., Alvarado, A., Baize, S., Aguilar, J., Singaicho, J.-C. and Jomard, H. (2018). A New Seismic Hazard Model for Ecuador, *Bull. seism. Soc. Am.*, 108, 3A, 1443-1464, <http://doi.org/10.1785/0120170259>.
- Bellalem, F., Talbi, A., Djellit, H., Ymmel, H. and Mobarki, M. (2018). Seismic hazard assessment in the megacity of Blida (Algeria) and its surrounding regions using parametric-historic procedure, *J. Seismol.*, 22, 4, 897-908, <http://doi.org/10.1007/s10950-018-9740-2>.
- Benbakhti, I.M., Maouche, S., Belhai, D., Harbi, A., Ritz, J.-F., Rabai, G., Rezouk, A. and Doumaz, F. (2018). Characterizing the active tectonics in the Oran region (Algeria) and recasting the 1790 earthquake, *J. Seismol.*, 22, 6, 1549-1561, <http://doi.org/10.1007/s10950-018-9784-3>.
- Bent, A.L., Cassidy, J., Prépetit, C., Lamontagne, M. and Ulysse, S. (2018). Real-Time Seismic Monitoring in Haiti and Some Applications, *Seismol. Res. Lett.*, 89, 2A, 407-415, <http://doi.org/10.1785/0220170176>.
- Berk Biryol, C., Lee, S.J., Lees, J.M. and Shore, M.J. (2018). Lithospheric structure of an incipient rift basin: Results from receiver function analysis of Bransfield Strait, NW Antarctic Peninsula, *Polar Sci.*, 16, 47-58, <http://doi.org/10.1016/j.polar.2018.02.003>.
- Better, S.I. and Garciano, E.L.O. (2018). Vulnerability assessment of Surigao metro water district under seismic hazard, *International Journal of GEOMATE*, 14, 43, , <http://doi.org/10.21660/2018.43.3590>.
- Bhatti, Z.I., Zhao, J., Khan, N.G. and Hussain Shah, S.T. (2018). Structure of crust and upper mantle beneath NW Himalayas, Pamir and Hindukush by multi-scale double-difference seismic tomography, *Phys. Earth planet. Interiors*, 281, 92-102, <http://doi.org/10.1016/j.pepi.2018.06.001>.
- Bie, L., Hicks, S., Garth, T., Gonzalez, P. and Rietbrock, A. (2018). 'Two go together': Near-simultaneous moment release of two asperities during the 2016 Mw 6.6 Muji, China earthquake, *Earth planet. Sci. Lett.*, 491, 34-42, <http://doi.org/10.1016/j.epsl.2018.03.033>.
- Björnsson, S., Einarsson, P., Tulinius, H. and Hjartardóttir, Á.R. (2018). Seismicity of the Reykjanes Peninsula 1971-1976, *J. Volcanol. Geotherm. Res.*, ahead of print, <http://doi.org/10.1016/j.jvolgeores.2018.04.026>.
- Bocchini, G.M., Brüstle, A., Becker, D., Meier, T., van Keken, P.E., Ruscic, M., Papadopoulos, G.A., Rische, M. and Friederich, W. (2018). Tearing, segmentation, and backstepping of subduction in the Aegean: New insights from seismicity, *Tectonophysics*, 734-735, 96-118, <http://doi.org/10.1016/j.tecto.2018.04.002>.
- Bollini, C., Sabbione, N., Plicka, V. and Zahradnik, J. (2018). Low-parametric modeling of the 2015, MW 8.3 Illapel, Chile earthquake, *J. South Amer. Earth Sci.*, 88, 144-156, <http://doi.org/10.1016/j.jsames.2018.08.006>.
- Bondár, I., Mónus, P., Czanik, C., Kiszely, M., Grácz, Z., Wéber, Z. and the AlpArrayWorking Group (2018). Relocation of Seismicity in the Pannonian Basin Using a Global 3D Velocity Model, *Seismol. Res. Lett.*, ahead of print, <http://doi.org/10.1785/0220180143>.

- Bora, D.K., Borah, K., Mahanta, R. and Borgohain, J.M. (2018). Seismic b-values and its correlation with seismic moment and Bouguer gravity anomaly over Indo-Burma ranges of northeast India: Tectonic implications, *Tectonophysics*, 728-729, 130-141, <http://doi.org/10.1016/j.tecto.2018.01.001>.
- Borgohain, J.M., Borah, K., Biswas, R. and Bora, D.K. (2018). Seismic b-value anomalies prior to the 3rd January 2016, Mw = 6.7 Manipur earthquake of northeast India, *J. Asian Earth Sci.*, 154, 42-48, <http://doi.org/10.1016/j.jseae.2017.12.013>.
- Boshrabadi, A.R., Khatib, M.M., Raeesi, M., Mousavi, S.M. and Djamour, Y. (2018). Geometric-kinematic characteristics of the main faults in the W-SW of the Lut Block (SE Iran), *J. Afr. Earth. Sci.*, 139, 440-462, <http://doi.org/10.1016/j.jafrearsci.2017.12.027>.
- Brax, M., Bard, P.-Y., Duval, A.-M., Bertrand, E., Rahhal, M.-E., Jomaa, R., Cornou, C., Voisin, C. and Surssock, A. (2018). Towards a microzonation of the Greater Beirut area: an instrumental approach combining earthquake and ambient vibration recordings, *Bull. Earthquake Eng.*, 16, 12, 5735-5767, <http://doi.org/10.1007/s10518-018-0438-1>.
- Brizzi, S., Sandri, L., Funicello, F., Corbi, F., Piromallo, C. and Heuret, A. (2018). Multivariate statistical analysis to investigate the subduction zone parameters favoring the occurrence of giant megathrust earthquakes, *Tectonophysics*, 728-729, 92-103, <http://doi.org/10.1016/j.tecto.2018.01.027>.
- Brocher, T.M. and Sherrod, B.L. (2018). Intensities, Aftershock Sequences, and the Location of the 1936 Milton-Freewater Earthquake near the Oregon-Washington Border, U.S.A., *Bull. seism. Soc. Am.*, 108, 5A, 2594-2613, <http://doi.org/10.1785/0120180111>.
- Bulut, F., Özener, H., Dođru, A., Aktuđ, B. and Yaltrak, C. (2018). Structural setting along the Western North Anatolian Fault and its influence on the 2014 North Aegean Earthquake (Mw 6.9), *Tectonophysics*, 745, 382-394, <http://doi.org/10.1016/j.tecto.2018.07.006>.
- Cai, C., Wiens, D.A., Shen, W. and Eimer, M. (2018). Water input into the Mariana subduction zone estimated from ocean-bottom seismic data, *Nature*, 563, 7731, 389-392, <http://doi.org/10.1038/s41586-018-0655-4>.
- Castro, R.R., Mendoza-Camberos, A. and Pérez-Vertti, A. (2018). The Broadband Seismological Network (RESBAN) of the Gulf of California, Mexico, *Seismol. Res. Lett.*, 89, 2A, 338-344, <http://doi.org/10.1785/0220170117>.
- Chen, Y., Meng, L., Zhang, A. and Wen, L. (2018). Source Complexity of the 2015 Mw 7.9 Bonin Earthquake, *Geochem. Geophys. Geosyst.*, 19, 7, 2109-2120, <http://doi.org/10.1029/2018gc007489>.
- Choudhary, C. and Sharma, M.L. (2018). Global strain rates in western to central Himalayas and their implications in seismic hazard assessment, *Natural Hazards*, 94, 3, 1211-1224, <http://doi.org/10.1007/s11069-018-3467-9>.
- Civiero, C., Strak, V., Custódio, S., Silveira, G., Rawlinson, N., Arroucau, P. and Corela, C. (2018). A common deep source for upper-mantle upwellings below the Ibero-western Maghreb region from teleseismic P-wave travel-time tomography, *Earth planet. Sci. Lett.*, 499, 157-172, <http://doi.org/10.1016/j.epsl.2018.07.024>.
- Cleveland, K.M., Ammon, C.J. and Kintner, J. (2018). Relocation of Light and Moderate-Magnitude (M4-6) Seismicity Along the Central Mid-Atlantic, *Geochem. Geophys. Geosyst.*, 19, 8, 2843-2856, <http://doi.org/10.1029/2018gc007573>.
- Correa-Otto, S., Nacif, S., Pesce, A., Nacif, A., Gianni, G., Furlani, R., Giménez, M. and Francisco, R. (2018). Intraplate seismicity recorded by a local network in the Neuquén Basin, Argentina, *J. South Amer. Earth Sci.*, 87, 211-220, <http://doi.org/10.1016/j.jsames.2017.12.007>.
- Cosentino, N.J., Aron, F., Crempien, J.G.F. and Jordan, T.E. (2018). Role of subducted sediments in plate interface dynamics as constrained by Andean forearc (paleo)topography, In: Ingersoll, R.V., Lawton, T.F., Graham, S.A. (eds), *Tectonics, Sedimentary Basins, and Provenance: A Celebration of the Career of William R. Dickinson*, [http://doi.org/10.1130/2018.2540\(03\)](http://doi.org/10.1130/2018.2540(03)).
- Cui, Q.-H., Li, W.-L., Li, G.-H., Ma, M.-N., Guan, X.-Y. and Zhou, Y.-Z. (2018). Seismic detection of the X-discontinuity beneath the Ryukyu subduction zone from the SdP conversion phase, *Earth and Planetary Physics*, 2, 3, 1-12, <http://doi.org/10.26464/epp2018020>.
- Dalfsen, E. and Sleeman, R. (2018). A Permanent, Real-Time Monitoring Network for the Volcanoes Mount Scenery and The Quill in the Caribbean Netherlands, *Geosciences*, 8, 9, 320, <http://doi.org/10.3390/geosciences8090320>.
- Dangkua, D.T., Rong, Y. and Magistrale, H. (2018). Evaluation of NGA-West2 and Chinese Ground-Motion Prediction Equations for Developing Seismic Hazard Maps of Mainland China, *Bull. seism. Soc. Am.*, 108, 5A, 2422-2443, <http://doi.org/10.1785/0120170186>.

- Das, R., Wason, H.R., Gonzalez, G., Sharma, M.L., Choudhury, D., Lindholm, C., Roy, N. and Salazar, P. (2018). Earthquake Magnitude Conversion Problem, *Bull. seism. Soc. Am.*, 108, 4, 1995-2007, <http://doi.org/10.1785/0120170157>.
- DeVries, P.M.R., Viégas, F., Wattenberg, M. and Meade, B.J. (2018). Deep learning of aftershock patterns following large earthquakes, *Nature*, 560, 7720, 632-634, <http://doi.org/10.1038/s41586-018-0438-y>.
- Dobrynina, A.A., Sankov, V.A., Tcydypova, L.R., German, V.I., Chechelnitsky, V.V. and Ulzibat, M. (2018). Hovsgol earthquake 5 December 2014, MW = 4.9: seismic and acoustic effects, *J. Seismol.*, 22, 2, 377-389, <http://doi.org/10.1007/s10950-017-9711-z>.
- Dong, Y., Ni, S., Yuen, D.A. and Li, Z. (2018). Crustal rheology from focal depths in the North China Basin, *Earth planet. Sci. Lett.*, 497, 123-138, <http://doi.org/10.1016/j.epsl.2018.06.018>.
- Dumka, R.K., Kotlia, B.S., Kothiyari, G.C., Paikrey, J. and Dimri, S. (2018). Detection of high and moderate crustal strain zones in Uttarakhand Himalaya, India, *Acta Geod. Geoph.*, 53, 3, 503-521, <http://doi.org/10.1007/s40328-018-0226-z>.
- El-Nader, I.A. and Hussein, H.M. (2018). The present-day active deformation in the central and northern parts of the Gulf of Suez area, Egypt, from earthquake focal mechanism data, *Natural Hazards*, 92, 3, 1355-1369, <http://doi.org/10.1007/s11069-018-3254-7>.
- Elmas, A., Karsli, H. and Kadirov, F.A. (2018). Lineaments in the Shamakhy-Gobustan and Absheron hydrocarbon containing areas using gravity data, *Acta Geophys.*, 66, 1, 39-49, <http://doi.org/10.1007/s11600-017-0104-z>.
- England, P. (2018). On Shear Stresses, Temperatures, and the Maximum Magnitudes of Earthquakes at Convergent Plate Boundaries, *J. geophys. Res.*, ahead of print, <http://doi.org/10.1029/2018jb015907>.
- Fan, J. and Zhao, D. (2018). Evolution of the Southern Segment of the Philippine Trench: Constraints From Seismic Tomography, *Geochem. Geophys. Geosyst.*, 19, 11, 4612-4627, <http://doi.org/10.1029/2018gc007685>.
- Fan, W., de Groot-Hedlin, C.D., Hedlin, M.A.H. and Ma, Z. (2018). Using surface waves recorded by a large mesh of three-element arrays to detect and locate disparate seismic sources, *Geophys. J. Int.*, 215, 2, 942-958, <http://doi.org/10.1093/gji/ggy316>.
- Farajpour, Z., Zare, M., Pezeshk, S., Ansari, A. and Farzanegan, E. (2018). Near-source strong motion database catalog for Iran, *Arabian J. Geosci.*, 11, 4, <http://doi.org/10.1007/s12517-018-3413-x>.
- Filina, I., Searls, M., Guthrie, K. and Burberry, C.M. (2018). Seismicity in Nebraska and adjacent states: The historical perspective and current trends, *The Mountain Geologist*, 55, 4, 217-229.
- Fontiela, J., Sousa Oliveira, C. and Rosset, P. (2018). Characterisation of Seismicity of the Azores Archipelago: An Overview of Historical Events and a Detailed Analysis for the Period 2000-2012, In: Kueppers U., Beier C. (eds) *Volcanoes of the Azores. Active Volcanoes of the World*, 127-153, http://doi.org/10.1007/978-3-642-32226-6_8.
- Gahalaut, K., Gupta, S., Gahalaut, V.K. and Mahesh, P. (2018). Influence of Tehri Reservoir Impoundment on Local Seismicity of Northwest Himalaya, *Bull. seism. Soc. Am.*, 108, 5B, 3119-3125, <http://doi.org/10.1785/0120180077>.
- Gan, J., Hu, J., Li, Z., Yang, C., Liu, J., Sun, Q. and Zheng, W. (2018). Mapping three-dimensional co-seismic surface deformations associated with the 2015 MW 7.2 Murghab earthquake based on InSAR and characteristics of crustal strain, *Science China Earth Sciences*, 61, 10, 1451-1466, <http://doi.org/10.1007/s11430-017-9235-4>.
- Gardonio, B., Jolivet, R., Calais, E. and Leclère, H. (2018). The April 2017 Mw 6.5 Botswana Earthquake: An Intraplate Event Triggered by Deep Fluids, *Geophys. Res. Lett.*, 45, 17, 8886-8896, <http://doi.org/10.1029/2018gl078297>.
- Gitis, V.G. and Derendyaev, A.B. (2018). Earthquake Prediction Learning Using the Least Alarm Method, *Journal of Communications Technology and Electronics*, 63, 6, 680-690, <http://doi.org/10.1134/s1064226918060086>.
- Gitis, V.G. and Derendyaev, A.B. (2018). Web-Based GIS Platform for Automatic Prediction of Earthquakes, *Computational Science and Its Applications - ICCSA 2018*, 268-283, http://doi.org/10.1007/978-3-319-95168-3_18.
- Giusti, M., Perrot, J., Dziak, R.P., Sukhovich, A. and Maia, M. (2018). The August 2010 earthquake swarm at North FAMOUS-FAMOUS segments, Mid-Atlantic Ridge: geophysical evidence of dike intrusion, *Geophys. J. Int.*, 215, 1, 181-195, <http://doi.org/10.1093/gji/ggy239>.
- Godzikovskaya, A.A. (2018). Once More about Deep Caucasus Earthquakes, *Seismic Instruments*, 54, 3, 327-339, <http://doi.org/10.3103/s0747923918030106>.
- Gomez, S., Bird, D. and Mann, P. (2018). Deep crustal structure and tectonic origin of the Tobago-Barbados ridge,

- Interpretation, 6, 2, T471-T484, <http://doi.org/10.1190/int-2016-0176.1>.
- González, O., Clouard, V., Tait, S. and Panza, G.F. (2018). S-wave velocities of the lithosphere-asthenosphere system in the Lesser Antilles from the joint inversion of surface wave dispersion and receiver function analysis, *Tectonophysics*, 734-735, 1-15, <http://doi.org/10.1016/j.tecto.2018.03.021>.
- Gordienko, V.V. and Gordienko, L.Y. (2018). Velocity model of the Ukrainian subcrustal mantle, *Geofizicheskiy Zhurnal*, 40, 6, 30-51, <http://doi.org/10.24028/gzh.0203-3100.v40i6.2018.151004>.
- Gregori, S.D. and Christiansen, R. (2018). Seismic hazard analysis for central-western Argentina, *Geodesy and Geodynamics*, 9, 1, 25-33, <http://doi.org/10.1016/j.geog.2017.07.006>.
- Griffin, J. and Davies, G. (2018). Earthquake sources of the Australian plate margin, *Geoscience Australia, Report 2018/31*, 123048.
- Grujic, D., Hetényi, G., Cattin, R., Baruah, S., Benoit, A., Drukpa, D. and Saric, A. (2018). Stress transfer and connectivity between the Bhutan Himalaya and the Shillong Plateau, *Tectonophysics*, 744, 322-332, <http://doi.org/10.1016/j.tecto.2018.07.018>.
- Grünthal, G., Stromeyer, D., Bosse, C., Cotton, F. and Bindi, D. (2018). The probabilistic seismic hazard assessment of Germany-version 2016, considering the range of epistemic uncertainties and aleatory variability, *Bull. Earthquake Eng.*, 16, 10, 4339-4395, <http://doi.org/10.1007/s10518-018-0315-y>.
- Gupta, I.D. (2018). A New Case of Triggered Seismicity Associated with the Itezhi-Tezhi Reservoir, Zambia, *Bull. seism. Soc. Am.*, 108, 5B, 3080-3091, <http://doi.org/10.1785/0120180017>.
- Haerifard, S., Jarahi, H., Pourkermani, M. and Almasian, M. (2018). Seismic hazard assessment at Esfaraen–Bojnurd railway, North–East of Iran, *Geotectonics*, 52, 1, 151-156, <http://doi.org/10.1134/s0016852118010041>.
- Halpaap, F., Rondenay, S. and Ottemöller, L. (2018). Seismicity, Deformation and Metamorphism in the Western Hellenic Subduction Zone - New Constraints from Tomography, *J. geophys. Res.*, 123, 4, 3000-3026, <http://doi.org/10.1002/2017jb015154>.
- Haridhi, H.A., Huang, B.-S., Wen, K.-L., Denzema, D., Prasetyo, R.A. and Lee, C.-S. (2018). A study of large earthquake sequences in the Sumatra subduction zone and its possible implications, *Terr. Atmos. Ocean. Sci.*, 29, 6, 635-652, <http://doi.org/10.3319/tao.2018.08.22.01>.
- He, P., Hetland, E.A., Niemi, N.A., Wang, Q., Wen, Y. and Ding, K. (2018). The 2016 Mw 6.5 Nura earthquake in the Trans Alai range, northern Pamir: Possible rupture on a back-thrust fault constrained by Sentinel-1A radar interferometry, *Tectonophysics*, 749, 62-71, <http://doi.org/10.1016/j.tecto.2018.10.025>.
- He, X., Ni, S., Zhang, P. and Freymueller, J. (2018). The May 1st, 2017 British Columbia-Alaska earthquake doublet and implication for complexity near southern end of Denali fault system, *Geophys. Res. Lett.*, ahead of print, <http://doi.org/10.1029/2018gl078014>.
- Hetényi, G., Epard, J.-L., Colavitti, L., Hirzel, A.H., Kiss, D., Petri, B., Scarponi, M., Schmalholz, S.M. and Subedi, S. (2018). Spatial relation of surface faults and crustal seismicity: a first comparison in the region of Switzerland, *Acta Geod. Geoph.*, 53, 3, 439-461, <http://doi.org/10.1007/s40328-018-0229-9>.
- Hetényi, G., Plomerová, J., Bianchi, I., Kampfová Exnerová, H., Bokelmann, G., Handy, M.R., Babuška, V. and AlpArray-EASI Working Group (2018). From mountain summits to roots: Crustal structure of the Eastern Alps and Bohemian Massif along longitude 13.3°E, *Tectonophysics*, 744, 239-255, <http://doi.org/10.1016/j.tecto.2018.07.001>.
- Hough, S.E. and Martin, S.S. (2018). A proposed rupture scenario for the 1925 MW 6.5 Santa Barbara, California, earthquake, *Tectonophysics*, 747-748, 211-224, <http://doi.org/10.1016/j.tecto.2018.09.012>.
- Idarraga-García, J. and Vargas, C.A. (2018). Depth to the bottom of magnetic layer in South America and its relationship to Curie isotherm, Moho depth and seismicity behavior, *Geodesy and Geodynamics*, 9, 1, 93-107, <http://doi.org/10.1016/j.geog.2017.09.006>.
- Ince, Y. and Kurnaz, T.F. (2018). Probabilistic seismic hazard analysis of Kahramanmaras Province, Turkey, *Arabian J. Geosci.*, 11, 5, , <http://doi.org/10.1007/s12517-018-3434-5>.
- Ivan, M., Wang, R. and Hofstetter, R. (2018). Non quasi-Hemispherical Seismological Pattern of the Earth's Uppermost Inner Core, *Sci. Rep.*, 8, 1, , <http://doi.org/10.1038/s41598-018-20657-x>.
- Jalalalhosseini, S.M., Zafarani, H. and Zare, M. (2018). Time-dependent seismic hazard analysis for the Greater Tehran and surrounding areas, *J. Seismol.*, 22, 1, 187-215, <http://doi.org/10.1007/s10950-017-9699-4>.

- Jalali, M. and Ramazi, H. (2018). Application of geostatistical simulation to compile seismotectonic provinces based on earthquake databases (case study: Iran), *J. Seismol.*, 22, 4, 957-983, <http://doi.org/10.1007/s10950-018-9745-x>.
- Javan-emrooz, H., Eskandari-Ghadi, M. and Mirzaei, N. (2018). Prediction Equations for Horizontal and Vertical PGA, PGV, and PGD in Northern Iran Using Prefix Gene Expression Programming, *Bull. seism. Soc. Am.*, 108, 4, 2305-2332, <http://doi.org/10.1785/0120170155>.
- Jena, R. and Pradhan, B. (2018). A novel model for comparing Peak Ground Acceleration derived from three attenuation laws using an integrated GIS technique in Sabah area, Malaysia, *International Journal of Scientific and Research Publications*, 8, 9, <http://doi.org/10.29322/ijsrp.8.9.2018.p8127>.
- Joshi, L.M. and Kotlia, B.S. (2018). Tectonic footprints and landscape evaluation along Kulur River valley, Kumaun Lesser Himalaya, India, *J. Asian Earth Sci.*, 162, 121-136, <http://doi.org/10.1016/j.jseaeas.2018.04.023>.
- Joshi, R. and Singh, D.K. (2018). Seismic hazard analysis with moment release constraint in Upper Himalayas region: an overview, *Int. J. Eng. Sci. Invent.*, 7, 5, URL: [http://www.ijesi.org/papers/Vol\(7\)5/Version-2/B0705020712.pdf](http://www.ijesi.org/papers/Vol(7)5/Version-2/B0705020712.pdf).
- Kanao, M. (2018). A New Trend in Cryoseismology: A Proxy for Detecting the Polar Surface Environment, *Polar Seismology - Advances and Impact*, <http://doi.org/10.5772/intechopen.78557>.
- Kanao, M. (2018). Studies on Seismicity in the Polar Region, *Polar Seismology - Advances and Impact*, <http://doi.org/10.5772/intechopen.78554>.
- Kanna, N., Gupta, S. and Prakasam, K. (2018). Micro-seismicity and seismotectonic study in Western Himalaya-Ladakh-Karakoram using local broadband seismic data, *Tectonophysics*, 726, 100-109, <http://doi.org/10.1016/j.tecto.2018.01.032>.
- Kästle, E.D., El-Sharkawy, A., Boschi, L., Meier, T., Rosenberg, C., Bellahsen, N., Cristiano, L. and Weidle, C. (2018). Surface Wave Tomography of the Alps Using Ambient-Noise and Earthquake Phase Velocity Measurements, *J. geophys. Res.*, 123, 2, 1770-1792, <http://doi.org/10.1002/2017jb014698>.
- Keranen, K.M. and Weingarten, M. (2018). Induced Seismicity, *Annu. Rev. Earth Planet. Sci.*, 46, 1, , <http://doi.org/10.1146/annurev-earth-082517-010054>.
- Khan, M.M. and Kumar, G.K. (2018). Statistical Completeness Analysis of Seismic Data, *J. geol. Soc. India*, 91, 6, 749-753, <http://doi.org/10.1007/s12594-018-0934-6>.
- Khan, S., Waseem, M., Khan, M.A. and Ahmed, W. (2018). Updated earthquake catalogue for seismic hazard analysis in Pakistan, *J. Seismol.*, 22, 4, 841-861, <http://doi.org/10.1007/s10950-018-9736-y>.
- Kharrat, S., Harbi, A., Meghraoui, M. and Bouaziz, S. (2018). The Tunisian Homogenized Macroseismic Database (Second Century-1981): First Investigations, *Seismol. Res. Lett.*, 90, 1, 347-357, <http://doi.org/10.1785/0220180237>.
- Kianimehr, H., Kissling, E., Yaminifard, F. and Tatar, M. (2018). Regional minimum 1-D P-wave velocity model for a new seismicity catalogue with precise and consistent earthquake locations in southern Iran, *J. Seismol.*, 22, 6, 1529-1547, <http://doi.org/10.1007/s10950-018-9783-4>.
- Kishida, T., Darragh, R.B., Bozorgnia, Y., Kuo, C.-H. and Si, H. (2018). Homogeneous Estimation of Moment Magnitude for Small-to-Moderate Magnitude Earthquakes Located near the Border between Japan and Taiwan, *Seismol. Res. Lett.*, 89, 3, 1093-1100, <http://doi.org/10.1785/0220170152>.
- Kishida, T., Derakhshan, S., Muin, S., Darragh, R.B., Bozorgnia, Y., Kuehn, N. and Kwak, D.Y. (2018). Multivariate Conversion of Moment Magnitude for Small-to-Moderate-Magnitude Earthquakes in Iran, *Earthq. Spectra*, 34, 1, 313-326, <http://doi.org/10.1193/050917eqs086m>.
- Kkallas, C., Papazachos, C.B., Margaris, B.N., Boore, D., Ventouzi, C. and Skarlatoudis, A. (2018). Stochastic Strong Ground Motion Simulation of the Southern Aegean Sea Benioff Zone Intermediate-Depth Earthquakes, *Bull. seism. Soc. Am.*, ahead of print, <http://doi.org/10.1785/0120170047>.
- Konstantinou, K.I. (2018). Estimation of optimum velocity model and precise earthquake locations in NE Aegean: Implications for seismotectonics and seismic hazard, *J. Geodyn.*, 121, 143-154, <http://doi.org/10.1016/j.jog.2018.07.005>.
- Kopnichev, Y.F. and Sokolova, I.N. (2018). Ring-Shaped Seismicity Structures Forming before Large Earthquakes and the Great Earthquakes in the Western and Eastern Pacific, *Izv. Atmos. Oceanic Phys.*, 54, 8, 848-858, <http://doi.org/10.1134/s0001433818080054>.

- Koulakov, I., Gerya, T., Rastogi, B.K., Jakovlev, A., Medved, I., Kayal, J.R., El Khrepy, S. and Al-Arifi, N. (2018). Growth of mountain belts in central Asia triggers a new collision zone in central India, *Sci. Rep.*, 8, 1, , <http://doi.org/10.1038/s41598-018-29105-2>.
- Kufner, S.K., Schurr, B., Ratschbacher, L., Murodkulov, S., Abdulhameed, S., Ischuk, A., Metzger, S. and Kakar, N. (2018). Seismotectonics of the Tajik basin and surrounding mountain ranges, *Tectonics*, 37, 8, 2404-2424, <http://doi.org/10.1029/2017tc004812>.
- Kulchitsky, V.E., Pustovitenko, B.G. and Svidlova, V.A. (2018). Focal Depths of Earthquakes in the Crimea-Black Sea Region, *Seismic Instruments*, 54, 3, 340-361, <http://doi.org/10.3103/s0747923918030155>.
- Kulhanek, O., Persson, L. and Nuannin, P. (2018). Variations of b-values preceding large earthquakes in the shallow subduction zones of Cocos and Nazca plates, *J. South Amer. Earth Sci.*, 82, 207-214, <http://doi.org/10.1016/j.jsames.2018.01.005>.
- Laksono, Y.A., Brotopuspito, K.S., Suryanto, W., Widodo, Wardah, R.A. and Rudianto, I. (2018). Preliminary Result of Earthquake Source Parameters the Mw 3.4 at 23:22:47 IWST, August 21, 2004, Centre Java, Indonesia Based on MERAMEX Project, *Journal of Physics: Conference Series*, 979,012052,<http://doi.org/10.1088/17426596/979/1/012052>
- Lanzano, G., Sgobba, S., Luzi, L., Puglia, R., Pacor, F., Felicetta, C., D'Amico, M., Cotton, F. and Bindi, D. (2018). The pan-European Engineering Strong Motion (ESM) flatile: compilation criteria and data statistics, *Bull. Earthquake Eng.*, 17, 2, 561-582, <http://doi.org/10.1007/s10518-018-0480-z>.
- Lea, P.-B., Vassallo, R., Audemard, F., Jouanne, F., Oropeza, J., Garambois, S. and Aray, J. (2018). Earthquake geology of the last millennium along the Boconó Fault, Venezuela, *Tectonophysics*, 747-748, 40-53, <http://doi.org/10.1016/j.tecto.2018.09.010>.
- Lei, Y., Jiao, L. and Chen, H. (2018). Possible correlation between the vertical component of lithospheric magnetic field and continental seismicity, *Earth Planets Space*, 70, 1, <http://doi.org/10.1186/s40623-018-0949-7>.
- Letort, J., Retailleau, L., Boué, P., Radiguet, M., Gardonio, B., Cotton, F. and Campillo, M. (2018). Lateral variations of the Guerrero-Oaxaca subduction zone (Mexico) derived from weak seismicity (Mb 3.5+) detected on a single array at teleseismic distance, *Geophys. J. Int.*, 213, 2, 1002-1012, <http://doi.org/10.1093/gji/ggy035>.
- Li, C., Peng, Z., Yao, D., Guo, H., Zhan, Z. and Zhang, H. (2018). Abundant Aftershock Sequence of the 2015 Mw 7.5 Hindu Kush Intermediate-Depth Earthquake, *Geophys. J. Int.*, 213, 2, 1121-1134, <http://doi.org/10.1093/gji/ggy016>.
- Li, J. and Song, X. (2018). Tearing of Indian mantle lithosphere from high-resolution seismic images and its implications for lithosphere coupling in southern Tibet, *Proceedings of the National Academy of Sciences*, 115, 33, 8296-8300, <http://doi.org/10.1073/pnas.1717258115>.
- Li, J., Zheng, Y., Thomsen, L., Lapen, T.J. and Fang, X. (2018). Deep earthquakes in subducting slabs hosted in highly anisotropic rock fabric, *Nat. Geosci.*, 11, 9, 696-700, <http://doi.org/10.1038/s41561-018-0188-3>.
- Ligi, M., Bonatti, E., Bosworth, W., Cai, Y., Cipriani, A., Palmiotto, C., Ronca, S. and Seyler, M. (2018). Birth of an ocean in the Red Sea: Oceanic-type basaltic melt intrusions precede continental rupture, *Gondwana Res.*, 54, 150-160, <http://doi.org/10.1016/j.gr.2017.11.002>.
- Lister, G., Tkalčić, H., Hejrani, B., Koulali, A., Rohling, E., Forster, M. and McClusky, S. (2018). Lineaments and earthquake ruptures on the East Japan megathrust, *Lithosphere*, 10, 4, 512-522, <http://doi.org/10.1130/l687.1>.
- Lister, G.S. and Forster, M.A. (2018). Structural geology and the seismotectonics of the 2004 Great Sumatran Earthquake, *Tectonics*, 37, 11, 4101-4119, <http://doi.org/10.1002/2017tc004708>.
- Lolli, B., Gasperini, P. and Rebez, A. (2018). Homogenization in Terms of Mw of Local Magnitudes of Italian Earthquakes That Occurred before 1981, *Bull. seism. Soc. Am.*, 108, 1, 481-492, <http://doi.org/10.1785/0120170114>.
- Lough, A.C., Wiens, D.A. and Nyblade, A. (2018). Reactivation of ancient Antarctic rift zones by intraplate seismicity, *Nat. Geosci.*, 11, 7, 515-519, <http://doi.org/10.1038/s41561-018-0140-6>.
- Lukk, A.A. and Shevchenko, V.I. (2018). Peculiarity of the Relationship between the Seismicity and Tectonic Structure of the Pyrenees, *Izv. Phys. Solid Earth*, 54, 3, 415-429, <http://doi.org/10.1134/s1069351318030060>.
- M., T., Salman, M.A. and Akhter, S.H. (2018). Earthquake catalogue of Bangladesh, *Int. J. Sci. Env. Tech.*, ahead of print, URL: <http://www.ijset.net/journal/2126.pdf>
- Maleki Asayesh, B., Hamzeloo, H. and Zafarani, H. (2018). Coulomb stress changes due to main earthquakes in Southeast Iran during 1981 to 2011, *J. Seismol.*, 23, 1, 135-150, <http://doi.org/10.1007/s10950-018-9797-y>.

- Maouche, S. and Harbi, A. (2018). The active faults of the Mitidja basin (North Central Algeria): what does the seismic history of the region tell us? A review, *Euro-Mediterranean Journal for Environmental Integration*, 3, 1, , <http://doi.org/10.1007/s41207-018-0061-1>.
- Mark, H.F., Behn, M.D., Olive, J.-A. and Liu, Y. (2018). Controls on Mid-ocean Ridge Normal Fault Seismicity Across Spreading Rates From Rate-and-State Friction Models, *J. geophys. Res.*, ahead of print, <http://doi.org/10.1029/2018jb015545>.
- Martinez, F., Stern, R.J., Kelley, K.A., Ohara, Y., Sleeper, J.D., Ribeiro, J.M. and Brounce, M. (2018). Diffuse Extension of the Southern Mariana Margin, *J. geophys. Res.*, 123, 1, 892-916, <http://doi.org/10.1002/2017jb014684>.
- Matenco, L. (2018). Topo-Transylvania: a multidisciplinary Earth science initiative in Central Europe to tackle local and global challenges, *Acta Geod. Geoph.*, 53, 3, 323-329, <http://doi.org/10.1007/s40328-018-0234-z>.
- Mechernich, S., Schneiderwind, S., Mason, J., Papanikolaou, I.D., Deligiannakis, G., Pallikarakis, A., Binnie, S.A., Dunai, T.J. and Reicherter, K. (2018). The Seismic History of the Pisia Fault (Eastern Corinth Rift, Greece) From Fault Plane Weathering Features and Cosmogenic ³⁶Cl Dating, *J. geophys. Res.*, 123, 5, 4266-4284, <http://doi.org/10.1029/2017jb014600>.
- Melgar, D., Ruiz-Angulo, A., Soliman Garcia, E., Manea, M., Manea, V.C., Xu, X., Ramirez-Herrera, M.T., Zavala-Hidalgo, J., Geng, J., Corona, N., Pérez-Campos, X., Cabral-Cano, E. and Ramirez-Guzmán, L. (2018). Deep embrittlement and complete rupture of the lithosphere during the Mw 8.2 Tehuantepec earthquake, *Nat. Geosci.*, 11, 12, 955-960, <http://doi.org/10.1038/s41561-018-0229-y>.
- Mignan, A. (2018). Generalized Earthquake Frequency-Magnitude Distribution Described by Asymmetric Laplace Mixture Modelling, *arXiv:1810.07450*, 1-30.
- Minakov, A. (2018). Late Cenozoic lithosphere dynamics in Svalbard: Interplay of glaciation, seafloor spreading and mantle convection, *J. Geodyn.*, 122, 1-16, <http://doi.org/10.1016/j.jog.2018.09.009>.
- Mohamed, G.-E.A. and Abd El-Aal, A.K. (2018). Present Kinematic Regime and Recent Seismicity of Gulf Suez, Egypt, *Geotectonics*, 52, 1, 134-150, <http://doi.org/10.1134/s0016852118010119>.
- Morozov, A.N., Vaganova, N.V., Asming, V.E. and Mikhailova, Y.A. (2018). Seismicity of the North of the Russian Plate: Relocation of Recent Earthquakes, *Izv. Phys. Solid Earth*, 54, 2, 292-309, <http://doi.org/10.1134/s1069351318020143>.
- Morozov, A.N., Vaganova, N.V., Asming, V.E., Konechnaya, Y.V. and Evtyugina, Z.A. (2018). The instrumental seismicity of the Barents and Kara sea region: relocated event catalog from early twentieth century to 1989, *J. Seismol.*, 22, 5, 1171-1209, <http://doi.org/10.1007/s10950-018-9760-y>.
- Mostafa, S.I., Abd el-aal, A.-K. and El-Eraki, M.A. (2018). Multi scenario seismic hazard assessment for Egypt, *J. Seismol.*, 22, 3, 669-696, <http://doi.org/10.1007/s10950-018-9728-y>.
- Mukhopadhyay, B. and Sengupta, D. (2018). Seismic moment release data in earthquake catalogue: Application of Hurst statistics in delineating temporal clustering and seismic vulnerability, *J. geol. Soc. India*, 91, 1, 15-24, <http://doi.org/10.1007/s12594-018-0815-z>.
- Mukhopadhyay, B., Mukhopadhyay, M., Mishra, O.P., Sengupta, D., Dasgupta, S., Elawadi, E., Mondal, P.K. and Gonnade, G.D. (2018). Constraining the Seismic Potentiality Analysis for Andaman Arc System, NE Indian Ocean, *J. geol. Soc. India*, 91, 5, 523-534, <http://doi.org/10.1007/s12594-018-0900-3>.
- Mukhopadhyay, M., Elawadi, E., Mukhopadhyay, B. and Mogren, S. (2018). Induced and Ambient Crustal Seismicity under the Ghawar Oil-Gas Fields, Saudi Arabia, *J. geol. Soc. India*, 91, 4, 449-456, <http://doi.org/10.1007/s12594-018-0878-x>.
- Muzli, M., Umar, M., Nugraha, A.D., Bradley, K.E., Widiyantoro, S., Erbas, K., Jousset, P., Rohadi, S., Nurdin, I. and Wei, S. (2018). The 2016 Mw~6.5 Pidie Jaya, Aceh, North Sumatra, Earthquake: Reactivation of an Unidentified Sinistral Fault in a Region of Distributed Deformation, *Seismol. Res. Lett.*, 89, 5, 1761-1772, <http://doi.org/10.1785/0220180068>.
- Nampally, S., Padhy, S. and Dimri, V.P. (2018). Characterizing spatial heterogeneity based on the b-value and fractal analyses of the 2015 Nepal earthquake sequence, *Tectonophysics*, 722, 154-162, <http://doi.org/10.1016/j.tecto.2017.11.004>.
- Network (Uruguay), *Seismol. Res. Lett.*, 89, 2A, 458-466, <http://doi.org/10.1785/0220170109>.
- Neves, F.A., Assumpção, M., Dourado, J.C., Le Diagon, F. and Ortolan, A. (2018). Improved epicentral relocation in the offshore Campos basin, SE Brazil, with the RSTT 3D

- model, *J. South Amer. Earth Sci.*, 85, 121-125, <http://doi.org/10.1016/j.jsames.2018.05.002>.
- Neves, M., Custódio, S., Peng, Z. and Ayorinde, A. (2018). Earthquake triggering in southeast Africa following the 2012 Indian Ocean earthquake, *Geophys. J. Int.*, 212, 2, 1331-1343, <http://doi.org/10.1093/gji/ggx462>.
- Nugraha, A.D., Shiddiqi, H.A., Widiyantoro, S., Thurber, C.H., Pesicek, J.D., Zhang, H., Wiyono, S.H., Ramdhan, M., Wandonu and Irsyam, M. (2018). Hypocenter Relocation along the Sunda Arc in Indonesia, Using a 3D Seismic-Velocity Model, *Seismol. Res. Lett.*, 89, 2A, 603-612, <http://doi.org/10.1785/0220170107>.
- Olivar, J., Nacif, S., Fennell, L. and Folguera, A. (2018). Within plate seismicity analysis in the segment between the high Cordillera and the Precordillera of northern Mendoza (Southern Central Andes), *Geodesy and Geodynamics*, 9, 1, 13-24, <http://doi.org/10.1016/j.geog.2017.09.004>.
- Omrani, H. and Raghimi, M. (2018). Origin of the mud volcanoes in the south east Caspian Basin, Iran, *Mar. Pet. Geol.*, 96, 615-626, <http://doi.org/10.1016/j.marpetgeo.2018.05.017>.
- Othman, A., Sultan, M., Becker, R., Alsefry, S., Alharbi, T., Gebremichael, E., Alharbi, H. and Abdelmohsen, K. (2018). Use of Geophysical and Remote Sensing Data for Assessment of Aquifer Depletion and Related Land Deformation, *Survs Geophys.*, 39, 3, 543-566, <http://doi.org/10.1007/s10712-017-9458-7>.
- Ousadou, F. and Bezzeghoud, M. (2018). Seismicity of the Algerian Tell Atlas and the Impacts of Major Earthquakes, *The Geology of the Arab World--An Overview*, 401-426, http://doi.org/10.1007/978-3-319-96794-3_11.
- Özaydın, S., Bülent Tank, S. and Karaş, M. (2018). Electrical resistivity structure at the North-Central Turkey inferred from three-dimensional magnetotellurics, *Earth Planets Space*, 70, 1, <http://doi.org/10.1186/s40623-018-0818-4>.
- Ozturk, U., Marwan, N., Specht, S., Korup, O. and Jensen, J. (2018). A new centennial sea-level record for Antalya, eastern Mediterranean, *J. geophys. Res.*, 123, 7, 4503-4517, <http://doi.org/10.1029/2018jc013906>.
- Pacor, F., Felicetta, C., Lanzano, G., Sgobba, S., Puglia, R., D'Amico, M., Russo, E., Baltzopoulos, G. and Iervolino, I. (2018). NESS1: A Worldwide Collection of Strong-Motion Data to Investigate Near-Source Effects, *Seismol. Res. Lett.*, 89, 6, 2299-2313, <http://doi.org/10.1785/0220180149>.
- Panet, I., Bonvalot, S., Narteau, C., Remy, D. and Lemoine, J.-M. (2018). Migrating pattern of deformation prior to the Tohoku-Oki earthquake revealed by GRACE data, *Nat. Geosci.*, 11, 5, 367-373, <http://doi.org/10.1038/s41561-018-0099-3>.
- Pasari, S. (2018). Nowcasting Earthquakes in the Bay of Bengal Region, *Pure appl. Geophys.*, ahead of print, <http://doi.org/10.1007/s00024-018-2037-0>.
- Patton, J. (2018). Earthquake Report: Burma, URL: <http://earthjay.com/?p=6872>.
- Patton, J. (2018). Earthquake Report: Caroline Ridge, URL: <http://earthjay.com/?p=5997>.
- Patton, J. (2018). Earthquake Report: Loyalty Islands, URL: <http://earthjay.com/?p=6872>.
- Patton, J. (2018). Earthquake Report: New Ireland, URL: <http://earthjay.com/?p=7225>.
- Patton, J. (2018). Earthquake Report: Papua New Guinea, URL: <http://earthjay.com/?p=7157>.
- Patton, J. (2018). Earthquake Report: Peru, URL: <http://earthjay.com/?p=6910>.
- Paul, H., Priestley, K., Powali, D., Sharma, S., Mitra, S. and Wanchoo, S. (2018). Signatures of the Existence of Frontal and Lateral Ramp Structures Near the Kishtwar Window of the Jammu and Kashmir Himalaya: Evidence From Microseismicity and Source Mechanisms, *Geochem. Geophys. Geosyst.*, 19, 9, 3097-3114, <http://doi.org/10.1029/2018gc007597>.
- Peláez, J.A., Henares, J., Hamdache, M. and Sanz de Galdeano, C. (2018). A Seismogenic Zone Model for Seismic Hazard Studies in Northwestern Africa, *Moment Tensor Solutions*, 643-680, http://doi.org/10.1007/978-3-319-77359-9_29.
- Pereira Neto, F.A., Sand França, G., Condori, C., Sant'Anna Marotta, G. and Naibert Chimpliganond, C. (2018). Angola seismicity, *J. Seismol.*, 22, 5, 1113-1126, <http://doi.org/10.1007/s10950-018-9754-9>.
- Pérez, O.J., Wesnousky, S.G., De La Rosa, R., Márquez, J., Uzcátegui, R., Quintero, C., Liberal, L., Mora-Páez, H. and Szeliga, W. (2018). On the interaction of the north Andes plate with the caribbean and south american plates in Northwestern South America from GPS, geodesy and seismic data, *Geophys. J. Int.*, 214, 3, 1986-2001, <http://doi.org/10.1093/gji/ggy230>.

- Periáñez, R. and Cortés, C. (2018). A Modelling Study on Tsunami Propagation in the Caspian Sea, *Pure appl. Geophys.*, ahead of print, <http://doi.org/10.1007/s00024-018-2057-9>.
- Petersen, M.D., Harmsen, S.C., Jaiswal, K.S., Rukstales, K.S., Luco, N., Haller, K.M., Mueller, C.S. and Shumway, A.M. (2018). Seismic Hazard, Risk, and Design for South America, *Bull. seism. Soc. Am.*, ahead of print, <http://doi.org/10.1785/0120170002>.
- Petricca, P., Carminati, E., Doglioni, C. and Riguzzi, F. (2018). Brittle-ductile transition depth versus convergence rate in shallow crustal thrust faults: Considerations on seismogenic volume and impact on seismicity, *Phys. Earth planet. Interiors*, 284, 72-81, <http://doi.org/10.1016/j.pepi.2018.09.002>.
- Petruccioli, A., Vannucci, G., Lolli, B. and Gasperini, P. (2018). Harmonic Fluctuation of the Slope of the Frequency-Magnitude Distribution (b-Value) as a Function of the Angle of Rake, *Bull. seism. Soc. Am.*, 108, 4, 1864-1876, <http://doi.org/10.1785/0120170328>.
- Piret, L., Bertrand, S., Kissel, C., De Pol-Holz, R., Tamayo Hernando, A. and Van Daele, M. (2018). First evidence of a mid-Holocene earthquake-triggered megaturbidite south of the Chile Triple Junction, *Sediment. Geol.*, 375, 120-133, <http://doi.org/10.1016/j.sedgeo.2018.01.002>.
- Pirli, M., Schweitzer, J. and the IPY Project Consortium (2018). Seismicity along the Mohns - Knipovich Ridge Bend and its correlation to ridge spreading rate, *J. Geodyn.*, 118, 182-196, <http://doi.org/10.1016/j.jog.2018.01.013>.
- Pourbeyranvand, S. (2018). Stress studies in the Central Alborz by inversion of earthquake focal mechanism data, *Acta Geophys.*, 66, 6, 1273-1290, <http://doi.org/10.1007/s11600-018-0207-1>.
- Prakash, R., Prajapati, S.K. and Srivastava, H.N. (2018). Source parameters of the Bay of Bengal earthquake of 21 May 2014 and related seismotectonics of 85°E and 90°E ridges, *J. Asian Earth Sci.*, 151, 250-258, <http://doi.org/10.1016/j.jseaes.2017.10.030>.
- Prakash, R., Singh, R., Suresh, G., Gautam, J., Prajapati, S. and Srivastava, H. (2018). Source characteristics of the 18 September 2011 Sikkim earthquake and zoning, *Anns Geophys.*, 61, 4, 451, <http://doi.org/10.4401/ag-7585>.
- Puangjaktha, P. and Pailoplee, S. (2018). Application of the region-time-length algorithm to study of earthquake precursors in the Thailand-Laos-Myanmar borders, *J. Earth Syst. Sci.*, 127, 3, <http://doi.org/10.1007/s12040-018-0939-y>.
- Puangjaktha, P. and Pailoplee, S. (2018). Temporal and spatial distributions of precursory seismicity rate changes in the Thailand-Laos-Myanmar border region: implication for upcoming hazardous earthquakes, *J. Seismol.*, 22, 1, 303-313, <http://doi.org/10.1007/s10950-017-9706-9>.
- Pudi, R., Roy, P., Martha, T.R., Kumar, K.V. and Rao, P.R. (2018). Spatial Potential Analysis of Earthquakes in the Western Himalayas Using b-value and Thrust Association, *J. geol. Soc. India*, 91, 6, 664-670, <http://doi.org/10.1007/s12594-018-0921-y>.
- Puri, N. and Jain, A. (2018). Possible seismic hazards in Chandigarh city of North-western India due to its proximity to Himalayan frontal thrust, *The Journal of Indian Geophysical Union*, 22, 5, 485-506.
- Raghuram, G., Capitanio, F.A. and Radhakrishna, M. (2018). Flexural Analysis Along the Sunda Trench: Bending, Buckling and Plate Coupling, *Tectonics*, 37, 10, 3524-3544, <http://doi.org/10.1029/2017tc004926>.
- Rahman, M.M. and Bai, L. (2018). Probabilistic seismic hazard assessment of Nepal using multiple seismic source models, *Earth and Planetary Physics*, 2, 4, 327-341, <http://doi.org/10.26464/epp2018030>.
- Rahman, M.Z., Siddiqua, S. and Maksud Kamal, A.S.M. (2018). Geology and topography based Vs30 map for Sylhet City of Bangladesh, *Bull. Eng. Geol. Environ.*, ahead of print, <http://doi.org/10.1007/s10064-018-1331-5>.
- Rajaure, S. and Prasad Paudel, L. (2018). A comprehensive earthquake catalogue for Nepal and its adjoining region, *Journal of Nepal Geological Society*, 56, 1, 65-72, <http://doi.org/10.3126/jngs.v56i1.22747>.
- Rashidi, A., Shomali, Z.H. and Farajkhah, N.K. (2018). Tsunami Simulations in the Western Makran Using Hypothetical Heterogeneous Source Models from World's Great Earthquakes, *Pure appl. Geophys.*, 175, 4, 1325-1340, <http://doi.org/10.1007/s00024-018-1842-9>.
- Razaghian, G., Beitollahi, A., Pourkermani, M. and Arian, M. (2018). Determining seismotectonic provinces based on seismicity coefficients in Iran, *J. Geodyn.*, 119, 29-46, <http://doi.org/10.1016/j.jog.2018.05.007>.
- Razifard, M., Shoaie, G. and Zare, M. (2018). Application of fuzzy logic in the preparation of hazard maps of landslides triggered by the twin Ahar-Varzeghan earthquakes (2012), *Bull. Eng. Geol. Environ.*, 78, 1, 223-245, <http://doi.org/10.1007/s10064-018-1235-4>.

- Reiter, F., Freudenthaler, C., Hausmann, H., Ortner, H., Lenhardt, W. and Brandner, R. (2018). Active Seismotectonic Deformation in Front of the Dolomites Indenter, Eastern Alps, *J. Seismol.*, 37, 12, 4625-4654, <http://doi.org/10.1029/2017tc004867>.
- Rezapour, M. and Mottaghi, A.A. (2018). The 18 August 2014 Mw~6.2 Murmuri, Southwest Iran, Earthquake: Aftershock Sequence Analysis, *Bull. seism. Soc. Am.*, 108, 4, 1905-1917, <http://doi.org/10.1785/0120170216>.
- Rodriguez, J., Havskov, J., Bøttger Sørensen, M. and Santos, L.F. (2018). Seismotectonics of south-west Dominican Republic using recent data, *J. Seismol.*, 22, 4, 883-896, <http://doi.org/10.1007/s10950-018-9738-9>.
- Rogerson, P.A. (2018). Statistical evidence for long-range space-time relationships between large earthquakes, *J. Seismol.*, 22, 6, 1423-1435, <http://doi.org/10.1007/s10950-018-9775-4>.
- Rogozhin, E.A., Stepanova, M.Y., Kharazova, Y.V. and Gorbaticov, A.V. (2018). Deep Structure, Volcanic and Seismic Activity Regime in Elbrus Region, *Geotectonics*, 52, 6, 647-657, <http://doi.org/10.1134/s0016852118060079>.
- Romanowicz, B. (2018). A deep-earthquake puzzle resolved, *Nat. Geosci.*, 11, 9, 622-624, <http://doi.org/10.1038/s41561-018-0197-2>.
- Rout, M.M., Das, J. and Kamal (2018). Probabilistic seismic hazard for Himalayan region using kernel estimation method (zone-free method), *Natural Hazards*, 93, 2, 967-985, <http://doi.org/10.1007/s11069-018-3336-6>.
- Sahara, D.P., Widiyantoro, S. and Irsyam, M. (2018). Stress heterogeneity and its impact on seismicity pattern along the equatorial bifurcation zone of the Great Sumatran Fault, Indonesia, *J. Asian Earth Sci.*, 164, 1-8, <http://doi.org/10.1016/j.jseae.2018.06.002>.
- Said, A.I. and Farman, M.S. (2018). Re-evaluations of seismic hazard of Iraq, *Arabian J. Geosci.*, 11, 11, , <http://doi.org/10.1007/s12517-018-3558-7>.
- Salahshoor, H., Lyubushin, A., Shabani, E. and Kazemian, J. (2018). Comparison of Bayesian estimates of peak ground acceleration (Amax) with PSHA in Iran, *J. Seismol.*, 22, 6, 1515-1527, <http://doi.org/10.1007/s10950-018-9782-5>.
- Salamat, M., Zöller, G., Zare, M. and Amini, M. (2018). The maximum expected earthquake magnitudes in different future time intervals of six seismotectonic zones of Iran and its surroundings, *J. Seismol.*, 22, 6, 1485-1498, <http://doi.org/10.1007/s10950-018-9780-7>.
- Saleh, M., Masson, F., Mohamed, A.-M.S., Boy, J.-P., Abou-Aly, N. and Rayan, A. (2018). Recent ground deformation around lake Nasser using GPS and InSAR, *Aswan, Egypt, Tectonophysics*, 744, 310-321, <http://doi.org/10.1016/j.tecto.2018.07.005>.
- Sammartini, M., Camerlenghi, A., Budillon, F., Insinga, D.D., Zgur, F., Conforti, A., Iorio, M., Romeo, R. and Tonielli, R. (2018). Open-slope, translational submarine landslide in a tectonically active volcanic continental margin (Licosa submarine landslide, southern Tyrrhenian Sea), *Geol. Soc. Spec. Publ.*, ahead of print, <http://doi.org/10.1144/sp477.34>.
- Sánchez Bettucci, L., Suárez, N., Campal, N., Loureiro, J., Curbelo, A., Castro, H., Rodríguez, M., Latorres, E., Castro Artola, O., Arduin, F., Faraone, M., Pascale, A. and Abelenda, E. (2018). The New National Geophysical and Geodetic
- Sandikkaya, M.A. (2018). On linear site amplification behavior of crustal and subduction interface earthquakes in Japan: (1) regional effects, (2) best proxy selection, *Bull. Earthquake Eng.*, 17, 1, 119-139, <http://doi.org/10.1007/s10518-018-0459-9>.
- Sankov, V.A. and Dobrynina, A.A. (2018). Active Faulting in the Earth's Crust of the Baikal Rift System Based on the Earthquake Focal Mechanisms, Moment Tensor Solutions, 599-618, http://doi.org/10.1007/978-3-319-77359-9_27.
- Santibáñez, I., Cembrano, J., García-Pérez, T., Costa, C., Yáñez, G., Marquardt, C., Arancibia, G. and González, G. (2018). Crustal faults in the Chilean Andes: geological constraints and seismic potential, *Andean Geology*, 46, 1, 32, <http://doi.org/10.5027/andgeov46n1-3067>.
- Sardina, V., Koyanagi, K., Becker, N., Walsh, D., McCreery, C., Weinstein, S. and von Hillebrandt-Andrade, C. (2018). Evaluation of the Pacific Tsunami Warning Center's Performance for the Caribbean Based on the Compilation and Analysis of Tsunami Messages Issued between 2003 and July 2017, *Seismol. Res. Lett.*, 89, 2A, 416-423, <http://doi.org/10.1785/0220170178>.
- Savard, G. (2018). Seismic velocity structure under Vancouver Island from travel time inversion: insight from Low Frequency Earthquakes, PhD Thesis, University of British Columbia, Vancouver, Canada.
- Schaff, D.P., Kim, W.-Y., Richards, P.G., Jo, E. and Ryoo, Y. (2018). Using Waveform Cross Correlation for

- Detection, Location, and Identification of Aftershocks of the 2017 Nuclear Explosion at the North Korea Test Site, *Seismol. Res. Lett.*, ahead of print, <http://doi.org/10.1785/0220180132>.
- Scheingraber, C. and Käser, M.A. (2018). The Impact of Portfolio Location Uncertainty on Probabilistic Seismic Risk Analysis, *Risk Analysis*, 39, 3, 695-712, <http://doi.org/10.1111/risa.13176>.
- Schorlemmer, D., Hirata, N., Ishigaki, Y., Doi, K., Nanjo, K.Z., Tsuruoka, H., Beutin, T. and Euchner, F. (2018). Earthquake Detection Probabilities in Japan, *Bull. seism. Soc. Am.*, 108, 2, 702-717, <http://doi.org/10.1785/0120170110>.
- Sengupta, D., Mukhopadhyay, B. and Prakash Mishra, O. (2018). Seismic Cycles and Trend Predictions of Earthquakes in Sumatra-Andaman and Burmese Subduction Zones using Temporal b-value and Hurst Analysis, *J. geol. Soc. India*, 92, 6, 661-670, <http://doi.org/10.1007/s12594-018-1084-6>.
- Seredkina, A. and Melnikova, V. (2018). Seismotectonic Crustal Strains of the Mongol-Baikal Seismic Belt from Seismological Data, Moment Tensor Solutions, 497-517, http://doi.org/10.1007/978-3-319-77359-9_22.
- Seredkina, A.I. and Melnikova, V.I. (2018). New data on earthquake focal mechanisms in the Laptev Sea region of the Arctic-Asian seismic belt, *J. Seismol.*, 22, 5, 1211-1224, <http://doi.org/10.1007/s10950-018-9762-9>.
- Shanker, S.D. (2018). Earthquake Hazard Update in Central Himalaya, *Geosciences*, ahead of print, <http://doi.org/10.5923/j.geo.20180801.01>.
- Shevchenko, V.I., Guseva, T.V., Dobrovolsky, I.P., Krupennikova, I.S. and Lukk, A.A. (2018). Autonomous (Non-Plate-Tectonic) Geodynamics of the Pyrenees, *Izv. Atmos. Oceanic Phys.*, 54, 8, 826-847, <http://doi.org/10.1134/s000143381808011x>.
- Shiddiqi, H.A., Tun, P.P., Kyaw, T.L. and Ottemöller, L. (2018). Source Study of the 24 August 2016 Mw 6.8 Chauk, Myanmar, *Earthquake, Seismol. Res. Lett.*, 89, 5, 1773-1785, <http://doi.org/10.1785/0220170278>.
- Silwal, V., Tape, C. and Lomax, A. (2018). Crustal earthquakes in the Cook Inlet and Susitna region of southern Alaska, *Tectonophysics*, 745, 245-263, <http://doi.org/10.1016/j.tecto.2018.08.013>.
- Singh, R., Prasath, R.A., Paul, A. and Kumar, N. (2018). Earthquake swarm of Himachal Pradesh in northwest Himalaya and its seismotectonic implications, *Phys. Earth planet. Interiors*, 275, 44-55, <http://doi.org/10.1016/j.pepi.2018.01.002>.
- Sitharam, T.G., James, N. and Kolathayar, S. (2018). Earthquake and Seismicity, *Comprehensive Seismic Zonation Schemes for Regions at Different Scales*, 11-31, http://doi.org/10.1007/978-3-319-89659-5_2.
- Sladen, A. and Trevisan, J. (2018). Shallow megathrust earthquake ruptures betrayed by their outer-trench aftershocks signature, *Earth planet. Sci. Lett.*, 483, 105-113, <http://doi.org/10.1016/j.epsl.2017.12.006>.
- Slejko, D. (2018). What science remains of the 1976 Friuli earthquake?, *Boll. Geof. Teor. Appl.*, 59, 4, 327-350, <http://doi.org/10.4430/bgta0224>.
- Solakov, D., Simeonova, S., Raykova, P. and Aleksandrova, I. (2018). Empirical Relations Converting Md and Mp Magnitudes Applied in Bulgarian Seismological Routine Practice to Moment Magnitude, *Comptes rendus de l'Academie bulgare des Sciences*, 71, 8, 1076-1085, <http://doi.org/10.7546/crabs.2018.08.09>.
- Stamps, D.S., Saria, E. and Kreemer, C. (2018). A Geodetic Strain Rate Model for the East African Rift System, *Sci. Rep.*, 8, 1, <http://doi.org/10.1038/s41598-017-19097-w>.
- Stevens, V.L., Shrestha, S.N. and Maharjan, D.K. (2018). Probabilistic Seismic Hazard Assessment of Nepal, *Bull. seism. Soc. Am.*, 108, 6, 3488-3510, <http://doi.org/10.1785/0120180022>.
- Struijk, E.L.M., Tesauro, M., Lebedeva-Ivanova, N.N., Gaina, C., Beekman, F. and Cloetingh, S.A. P.L. (2018). The Arctic lithosphere: Thermo-mechanical structure and effective elastic thickness, *Global Planet. Change*, 171, 2-17, <http://doi.org/10.1016/j.gloplacha.2018.07.014>.
- Takemura, S., Kimura, T., Saito, T., Kubo, H. and Shiomi, K. (2018). Moment tensor inversion of the 2016 southeast offshore Mie earthquake in the Tonankai region using a three-dimensional velocity structure model: effects of the accretionary prism and subducting oceanic plate, *Earth Planets Space*, 70, 1, <http://doi.org/10.1186/s40623-018-0819-3>.
- Takemura, S., Kubo, H., Tonegawa, T., Saito, T. and Shiomi, K. (2018). Modeling of Long-Period Ground Motions in the Nankai Subduction Zone: Model Simulation Using the Accretionary Prism Derived from Oceanfloor Local S-Wave Velocity Structures, *Pure appl. Geophys.*, 176, 2, 627-647, <http://doi.org/10.1007/s00024-018-2013-8>.

- Telesca, L. and Chelidze, T. (2018). Visibility Graph Analysis of Seismicity around Enguri High Arch Dam, Caucasus, *Bull. seism. Soc. Am.*, 108, 5B, 3141-3147, <http://doi.org/10.1785/0120170370>.
- Vajedian, S., Motagh, M., Mousavi, Z., Motaghi, K., Fielding, E.J., Akbari, B., Wetzell, H.-U. and Darabi, A. (2018). Coseismic Deformation Field of the Mw 7.3 12 November 2017 Sarpol-e Zahab (Iran) Earthquake: A Decoupling Horizon in the Northern Zagros Mountains Inferred from InSAR Observations, *Remote Sensing*, 10, 1589, <http://doi.org/10.3390/rs10101589>.
- van Rijsingen, E., Lallemand, S., Peyret, M., Arcay, D., Heuret, A., Funicello, F. and Corbi, F. (2018). How subduction interface roughness influences the occurrence of large interplate earthquakes, *Geochem. Geophys. Geosyst.*, 19, 8, 2342-2370, <http://doi.org/10.1029/2018gc007618>.
- Vanuvamalai, A., Jaya, K.P. and Balachandran, V. (2018). Seismic performance of tunnel structures: a case study, *Natural Hazards*, 93, 1, 453-468, <http://doi.org/10.1007/s11069-018-3308-x>.
- Vijaya Kumar, P.V., Patro, P.K., Subba Rao, P.B.V., Singh, A.K., Kumar, A. and Nagarjuna, D. (2018). Electrical resistivity cross-section across northern part of Saurashtra region: An insight to crystallized magma and fluids, *Tectonophysics*, 744, 205-214, <http://doi.org/10.1016/j.tecto.2018.06.018>.
- Walter, J.I., Frohlich, C. and Borgfeldt, T. (2018). Natural and Induced Seismicity in the Texas and Oklahoma Panhandles, *Seismol. Res. Lett.*, 89, 6, 2437-2446, <http://doi.org/10.1785/0220180105>.
- Wang, S., Xu, C., Xu, W., Yin, Z., Wen, Y. and Jiang, G. (2018). The 2017 Mw~6.6 Poso Earthquake: Implications for Extrusion Tectonics in Central Sulawesi, *Seismol. Res. Lett.*, 90, 2A, 649-658, <http://doi.org/10.1785/0220180211>.
- Wang, X., Li, Q., Li, G., Zhou, Y., Ye, Z. and Zhang, H. (2018). Seismic triplication used to reveal slab subduction that had disappeared in the late Mesozoic beneath the northeastern South China Sea, *Tectonophysics*, 727, 28-40, <http://doi.org/10.1016/j.tecto.2017.12.030>.
- Ward-Neale, J., Harmon, N. and Srokosz, M. (2018). Improving Microseismic P Wave Source Location With Multiple Seismic Arrays, *J. geophys. Res.*, 123, 1, 476-492, <http://doi.org/10.1002/2017jb015015>.
- Waromi, D., Muslim, D., Mulyo, A. and Khoirullah, N. (2018). Mapping the level of earthquake risk of Holtekamp bridge at Jayapura region based on earthquake data and microtremor measurement, *Journal of Geological Sciences and Applied Geology*, 2, 32-38.
- Waseem, M., Lateef, A., Ahmad, I., Khan, S. and Ahmed, W. (2018). Seismic hazard assessment of Afghanistan, *J. Seismol.*, 23, 2, 217-242, <http://doi.org/10.1007/s10950-018-9802-5>.
- Wason, H.R., Das, R. and Sharma, M.L. (2018). Regression Relations for Magnitude Conversion for the Indian Region, *Advances in Indian Earthquake Engineering and Seismology*, 55-66, http://doi.org/10.1007/978-3-319-76855-7_4.
- Wei, S.S. and Wiens, D.A. (2018). P-wave attenuation structure of the Lau back-arc basin and implications for mantle wedge processes, *Earth planet. Sci. Lett.*, 502, 187-199, <http://doi.org/10.1016/j.epsl.2018.09.005>.
- Wimpenny, S., Copley, A., Benavente, C. and Aguirre, E. (2018). Extension and Dynamics of the Andes Inferred From the 2016 Parina (Huarichancara) Earthquake, *J. geophys. Res.*, 123, 9, 8198-8228, <http://doi.org/10.1029/2018jb015588>.
- Woith, H., Petersen, G.M., Hainzl, S. and Dahm, T. (2018). Review: Can Animals Predict Earthquakes?, *Bull. seism. Soc. Am.*, 108, 3A, 1031-1045, <http://doi.org/10.1785/0120170313>.
- Wu, W. and Irving, J.C.E. (2018). Evidence from high frequency seismic waves for the basalt-eclogite transition in the Pacific slab under northeastern Japan, *Earth planet. Sci. Lett.*, 496, 68-79, <http://doi.org/10.1016/j.epsl.2018.05.034>.
- Wyss, M., Gupta, S. and Rosset, P. (2018). Casualty Estimates in Repeat Himalayan Earthquakes in India, *Bull. seism. Soc. Am.*, 108, 5A, 2877-2893, <http://doi.org/10.1785/0120170323>.
- Xu, Y., Li, X. and Wang, S. (2018). Seismic structure beneath the Tengchong volcanic area (southwest China) from receiver function analysis, *J. Volcanol. Geotherm. Res.*, 357, 339-348, <http://doi.org/10.1016/j.jvolgeores.2018.05.011>.
- Yazdanfar, C., Nemat, Majid and Ataby, Roustaei, M. and Nilfouroushan, F. (2018). Stress transfer, aftershocks distribution and InSAR analysis of the 2005 Dahuieh earthquake, SE Iran, *J. Afr. Earth. Sci.*, 147, 211-219, <http://doi.org/10.1016/j.jafrearsci.2018.06.022>.
- Yi, L., Xu, C., Wen, Y., Zhang, X. and Jiang, G. (2018). Rupture process of the 2016 Mw 7.8 Ecuador earthquake

- from joint inversion of InSAR data and teleseismic P waveforms, *Tectonophysics*, 722, 163-174, <http://doi.org/10.1016/j.tecto.2017.10.028>.
- Yu, H., Liu, Y., Yang, H. and Ning, J. (2018). Modeling earthquake sequences along the Manila subduction zone: Effects of three-dimensional fault geometry, *Tectonophysics*, 733, 73-84, <http://doi.org/10.1016/j.tecto.2018.01.025>.
- Yu, Y. and Zhao, D. (2018). Lithospheric Deformation and Asthenospheric Flow Associated With the Isabella Anomaly in Southern California, *J. geophys. Res.*, 123, 10, 8842-8857, <http://doi.org/10.1029/2018jb015873>.
- Yu, Z., Li, J., Niu, X., Rawlinson, N., Ruan, A., Wang, W., Hu, H., Wei, X., Zhang, J. and Liang, Y. (2018). Lithospheric Structure and Tectonic Processes Constrained by Microearthquake Activity at the Central Ultraslow-Spreading Southwest Indian Ridge (49.2° to 50.8°E), *J. geophys. Res.*, ahead of print, <http://doi.org/10.1029/2017jb015367>.
- Zhang, L., Werner, M.J. and Goda, K. (2018). Spatiotemporal Seismic Hazard and Risk Assessment of Aftershocks of M~9 Megathrust Earthquakes, *Bull. seism. Soc. Am.*, 108, 6, 3313-3335, <http://doi.org/10.1785/0120180126>.
- Zhang, Y., Chen, Q., Liu, X., Zhao, J., Xu, Q., Yang, Y. and Liu, G. (2018). Adaptive and automatic P and S phase pickers based on frequency spectrum variation of sliding time windows, *Geophys. J. Int.*, ahead of print, <http://doi.org/10.1093/gji/ggy400>.
- Zhao, C. and Zhao, J.X. (2018). S- and P-Wave Spectral Ratios for On-Site Earthquake Early Warning in Japan, *Bull. seism. Soc. Am.*, 109, 1, 395-412, <http://doi.org/10.1785/0120180116>.
- Zheng, G., Lou, Y., Wang, H., Geng, J. and Shi, C. (2018). Shallow Seismicity Forecast for the India-Eurasia Collision Zone Based on Geodetic Strain Rates, *Geophys. Res. Lett.*, 45, 17, 8905-8912, <http://doi.org/10.1029/2018gl078814>.