

- Abbott, E.R.; Horspool, N.A.; Gerstenberger, M.C.; Huso, R.; Van Houtte, C.; McVerry, G.H.; Canessa, S. 2020** Challenges and opportunities in New Zealand seismic hazard and risk modeling using OpenQuake. *Earthquake Spectra*, 36(1:supplement): 210-225; [doi:10.1177/0885412220966338](https://doi.org/10.1177/0885412220966338)
- Arai, R.; Kodaira, S.; Henrys, S.A.; Bangs, N.L.; Obana, K.; Fujie, G.; Miura, S.; Barker, D.H.N.; Bassett, D.; Bell, R.; Mochizuki, K.; Kellett, R.L.; Stucker, V.K.; Fry, B. 2020** Three-dimensional *P*-wave velocity structure of the northern Hikurangi margin from the NZ3D experiment: evidence for fault-bound anisotropy. *Journal of Geophysical Research. Solid Earth*, 125(12): e2020JB020433; [doi:10.1029/2020JB020433](https://doi.org/10.1029/2020JB020433)
- Becker, J.S.; Potter, S.H.; McBride, S.K.; Doyle, E.E.H.; Gerstenberger, M.C.; Christophersen, A. 2020** Forecasting for a fractured land: a case study of the communication and use of aftershock forecasts from the M7.8 2016 Kaikoura earthquake in Aotearoa New Zealand. *Seismological Research Letters*, 91(6): 3343–3357; [doi:10.1785/0220190354](https://doi.org/10.1785/0220190354)
- Becker, J.S.; Potter, S.H.; Vinnell, L.J.; Nakayachi, K.; McBride, S.K.; Johnston, D.M. 2020** Earthquake early warning in Aotearoa New Zealand: a survey of public perspectives to guide warning system development. *Humanities and Social Sciences Communications*, 7(1): article 138; [doi:10.1057/s41599-020-00613-9](https://doi.org/10.1057/s41599-020-00613-9)
- Biemiller, J.; Taylor, F.; Lavier, L.; Yu, T.-L.; Wallace, L.M.; Shen, C.-C. 2020** Emerged coral reefs record Holocene low-angle normal fault earthquakes. *Geophysical Research Letters*, 47(20): e2020GL089301; [doi:10.1029/2020GL089301](https://doi.org/10.1029/2020GL089301)
- Biemiller, J.B.; Boulton, C.; Wallace, L.M.; Ellis, S.M.; Little, T.; Mizera, M.; Niemeijer, A.; Lavier, L. 2020** Mechanical implications of creep and partial coupling on the world's fastest slipping low-angle normal fault in southeastern Papua New Guinea. *Journal of Geophysical Research. Solid Earth*, 125(10): e2020JB020117; [doi:10.1029/2020JB020117](https://doi.org/10.1029/2020JB020117)
- Bignall, G.; Alcaraz, S.A.; Nakao, K.; O'Keefe, H. 2020** Investing in exploration geoscience and innovation: a GIS-based geothermal resource prioritisation tool for Tohoku region, Japan. paper 105 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Cassol, H.L.G.; Domingues, L.G.; Sanchez, A.H.; Basso, L.S.; Marani, L.; Tejada, G.P.; Arai, E.; Correia, C.; Alden, C.B.; Miller, J.B.; Gloor, M.; Anderson, L.O.; Aragão, L.E.O.C.; Gatti, L.V. 2020** Determination of region of influence obtained by aircraft vertical profiles using the density of trajectories from the HYSPLIT model. *Global and Planetary Change*, 11(10): article 1073; [doi:10.3390/atmos11101073](https://doi.org/10.3390/atmos11101073)
- Chamberlain, C.J.; Townend, J.; Gerstenberger, M.C. 2020** RT-EQcorrscan: near-real-time matched-filtering for rapid development of dense earthquake catalogs. *Seismological Research Letters*, 91(6): 3574-3584; [doi:10.1785/0220200171](https://doi.org/10.1785/0220200171)
- Chong, S.V.; Trompeter, W.J.; Leveneur, J.; Robinson, F.; Leuw, B.; Rumsey, B.; McCurdy, M.; Turner, J.; Uhrig, D.M.; Spencer, S.; Kennedy, J.V.; Long, N.J. 2021** A facile route to insulate an Fe-based nanocrystalline alloy powder for magnetic composite cores. *Materials science & engineering. B, Solid-state materials for advanced technology*, 264: article 114928; [doi:10.1016/j.mseb.2020.114928](https://doi.org/10.1016/j.mseb.2020.114928)

- Civel-Mazens, M.; Crosta, X.; Cortese, G.; Michel, E.; Mazaud, A.; Ther, O.; Ikehara, M.; Itaki, T. 2021** Impact of the Agulhas Return Current on the oceanography of the Kerguelen Plateau region, Southern Ocean, over the last 40 kyrs. *Quaternary Science Reviews*, 251: article 106711; [doi:10.1016/j.quascirev.2020.106711](https://doi.org/10.1016/j.quascirev.2020.106711)
- Climo, M.; Chambefort, I.; Carey, B.S.; Bendall, S.; Blair, A. 2020** New Zealand's supercritical opportunity: moving from potential resource to deployed technology. paper 19 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Climo, M.; Seward, A.M.; Blair, A.; Bendall, S.; Carey, B.S. 2020** Geoheat strategy for Aotearoa New Zealand: 2020 progress update. paper 16 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Fang, F.; Rogers, J.; Leveueur, J.; Rubanov, S.; Koo, A.; Kennedy, J.V. 2020** Catalyst-free synthesis of copper oxide composites as solar radiative filters. *Nanotechnology*, 31(50): article 504002; [doi:10.1088/1361-6528/abb48e](https://doi.org/10.1088/1361-6528/abb48e)
- Fiedler, H.; Jovic, V.; Mitchell, D.R.G.; Leveueur, J.; Anquillare, E.; Smith, K.E.; Kennedy, J.V. 2021** Tuning the electromechanical properties and polarization of Aluminium Nitride by ion beam-induced point defects. *Acta Materialia*, 203: article 116495; [doi:10.1016/j.actamat.2020.116495](https://doi.org/10.1016/j.actamat.2020.116495)
- Gallagher, A.; Montanaro, C.; Cronin, S.; Scott, B.J.; Dingwell, D.B.; Scheu, B. 2020** Hydrothermal eruption dynamics reflecting vertical variations in host rock geology and geothermal alteration, Champagne Pool, Wai-o-tapu, New Zealand. *Bulletin of Volcanology*, 82(12): article 77; [doi:10.1007/s00445-020-01414-3](https://doi.org/10.1007/s00445-020-01414-3)
- George, A.; Raj, D.; Irudayaraj, A.; Raj, D.M.A.; Arumagam, J.; Sundaram, S.J.; Kennedy, J.V.; Kaviyarasu, K. 2020** Influence of solvent and precursor concentration on the properties of NiV₂O₆ nanoparticles. *Surfaces and Interfaces*, 21: article 100711; [doi:10.1016/j.surfin.2020.100711](https://doi.org/10.1016/j.surfin.2020.100711)
- Goelzer, H.; Nowicki, S.; Payne, A.; Larour, E.; Seroussi, H.; Lipscomb, W.H.; Gregory, J.; Abe-Ouchi, A.; Shepherd, A.; Simon, E.; Agosta, C.; Alexander, P.; Aschwanden, A.; Barthel, A.; Calov, R.; Chambers, C.; Choi, Y.; Cuzzone, J.; Dumas, C.; Edwards, T.; Felikson, D.; Fettweis, X.; Golledge, N.R.; Greve, R.; Humbert, A.; Huybrechts, P.; Le Clec'H, S.; Lee, V.; Leguy, G.; Little, C.; Lowry, D.; Morlighem, M.; Nias, I.; Quiquet, A.; Rückamp, M.; Schlegel, N.-J.; Slater, D.A.; Smith, R.; Straneo, F.; Tarasov, L.; Van De Wal, R.; Van Den Broeke, M. 2020** The future sea-level contribution of the Greenland ice sheet: a multi-model ensemble study of ISMIP6. *Cryosphere*, 14(9): 3071-3096; [doi:10.5194/tc-14-3071-2020](https://doi.org/10.5194/tc-14-3071-2020)
- Hatem, A.E.; Dolan, J.F.; Zinke, R.W.; Langridge, R.M.; McGuire, C.P.; Rhodes, E.J.; Brown, N.; Van Dissen, R.J. 2020** Holocene to latest Pleistocene incremental slip rates from the east-central Hope fault (Conway segment) at Hossack Station, Marlborough fault system, South Island, New Zealand: towards a dated path of earthquake slip along a plate boundary fault. *Geosphere*, 16(6): 1558-1584; [doi:10.1130/GES02263.1](https://doi.org/10.1130/GES02263.1)
- Hemmings, B.J.C.; Knowling, M.J.; Moore, C.R. 2020** Early uncertainty quantification for an improved decision support modeling workflow: a streamflow reliability and water quality example. *Frontiers in Earth Science*, 8: article 565613; [doi:10.3389/feart.2020.565613](https://doi.org/10.3389/feart.2020.565613)

- Horspool, N.A.; Elwood, K.; Johnston, D.M.; Deely, J.; Ardagh, M. 2020** Factors influencing casualty risk in the 14th November 2016 M_w Kaikoura, New Zealand earthquake. *International Journal of Disaster Risk Reduction*, 51: article 101917; [doi:10.1016/j.ijdrr.2020.101917](https://doi.org/10.1016/j.ijdrr.2020.101917)
- Hughes, E.C.; Buse, B.; Kearns, S.L.; Brooker, R.A.; Di Genova, D.; Kilgour, G.N.; Mader, H.M.; Blundy, J.D. 2020** The microanalysis of iron and sulphur oxidation states in silicate glass: understanding the effects of beam damage. *IOP Conference Series. Materials Science and Engineering*, 891(5): article 012014; [doi:10.1088/1757-899X/891/1/012014](https://doi.org/10.1088/1757-899X/891/1/012014)
- Inglis, G.N.; Bragg, F.; Burls, N.J.; Cramwinckel, M.J.; Evans, D.; Foster, G.; Huber, M.; Lunt, D.J.; Siler, N.; Steinig, S.; Tierney, J.E.; Wilkinson, R.; Anagnostou, E.; M. De Boer, A.; Dunkley Jones, T.; Edgar, K.M.; Hollis, C.J.; Hutchinson, D.K.; Pancost, R.D. 2020** Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleocene-Eocene Thermal Maximum (PETM), and latest Paleocene. *Climate of the past*, 16: 1953-1968; [doi:10.5194/cp-16-1953-2020](https://doi.org/10.5194/cp-16-1953-2020)
- Kereszturi, G.; Schaefer, L.; Miller, C.A.; Pullanagari, R.; Mead, S. 2020** Hydrothermal alteration on composite volcanoes: mineralogy, hyperspectral imaging and aeromagnetic study of Mt Ruapehu, New Zealand. *Geochemistry Geophysics Geosystems*, 21(9): e2020GC009270; [doi:10.1029/2020GC009270](https://doi.org/10.1029/2020GC009270)
- Lee, H.; Dlugokencky, E.J.; Turnbull, J.C.; Lee, S.; Lehman, S.J.; Miller, J.B.; Pétron, G.; Lim, J.-S.; Lee, G.-W.; Lee, S.-S.; Park, Y.-S. 2020** Observations of atmospheric $^{14}\text{CO}_2$ at Anmyeondo GAW station, South Korea: implications for fossil fuel CO_2 and emission ratios. *Atmospheric chemistry and physics*, 20: 12033-12045; [doi:10.5194/acp-20-12033-2020](https://doi.org/10.5194/acp-20-12033-2020)
- Li, J.; Davy, P.K.; Harvey, M.; Katzman, T.; Mitchell, T.; Michalski, G. 2021** Nitrogen isotopes in nitrate aerosols collected in the remote marine boundary layer: Implications for nitrogen isotopic fractionations among atmospheric reactive nitrogen species. *Atmospheric Environment*, 245: article 118028; [doi:10.1016/j.atmosenv.2020.118028](https://doi.org/10.1016/j.atmosenv.2020.118028)
- Lin, S.-L.; Scheele, F.R.; Singh, S.; Chan, C.; Holland, P. 2020** Improved disaster resilience through integrated data collection and management. paper 9a-0002 In: *17th World Conference on Earthquake Engineering, 17WCEE 2020, Sendai, Japan, September 13th to 18th 2020*. International Association for Earthquake Engineering.
- Lin, S.-L.; Ungaro, J.; Nimau, J.T.; Singh, S.; Ragisia, K. 2020** Development of Pacific exposure dataset for use in catastrophe risk assessment. *Natural hazards*, 104(3): 2645-2661; [doi:10.1007/s11069-020-04290-4](https://doi.org/10.1007/s11069-020-04290-4)
- Mabakachaba, B.M.; Madiba, I.G.; Khanyile, B.S.; Arendse, C.J.; Kennedy, J.V.; Maaza, M. 2020** Influence of C-implanted ions on the transition properties of VO_2 thin films. *MRS Advances*, 5(40/41): 2139-2146; [doi:10.1557/adv.2020.137](https://doi.org/10.1557/adv.2020.137)
- Martínez-Díaz, J.J.; Álvarez-Gómez, J.A.; Staller, A.; Alonso-Henar, J.; Canora, C.; Insúa-Arévalo, J.M.; Tsige, M.; Villamor, P.; Herrero-Barbero, P.; Hernández-Moreno, C.; Hernández, W.; Hernández, D.; Marroquín, G.; Mixco, L. 2021** Active faults of El Salvador. *Journal of South American earth sciences*, 105: article 103038; [doi:10.1016/j.jsames.2020.103038](https://doi.org/10.1016/j.jsames.2020.103038)
- Massey, C.I.; Townsend, D.B.; Lukovic, B.; Morgenstern, R.; Jones, K.E.; Rosser, B.J.; de Vilder, S.J. 2020** Landslides triggered by the 14 November 2016 M_w 7.8 Kaikoura earthquake: an update. *Landslides*, 17(10): 2401-2408; [doi:10.1007/s10346-020-01439-x](https://doi.org/10.1007/s10346-020-01439-x)

- Massiot, C.; Marr, T.; Adam, L.; Cronin, S.J.; Bertrand, E.A.; Caratori Tontini, F.; Kilgour, G.N.; Milicich, S.D.; Miller, C.A.; Nichols, A.; Stott, M.B.; Ventura, G.; Villamor, P.; White, P.A. 2020** Rationale for the scientific drilling project "INTERACTION": INTERaction between lifE, Rifting And Caldera Tectonics In OkataiNa. paper 63 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Moratalla, J.M.; Goded, T.; Gerstenberger, M.C.; Canessa, S. 2020** New Ground Motion to Intensity Conversion Equations (GMICEs) for New Zealand. paper 1d-0033 In: *17th World Conference on Earthquake Engineering, 17WCEE 2020, Sendai, Japan, September 13th to 18th 2020*. International Association for Earthquake Engineering.
- Mukhtar, K.; Ingham, M.; Rodger, C.; Mac Manus, D.; Divett, T.; Heise, W.; Bertrand, E.A.; Dalzell, M.; Petersen, T. 2020** Calculation of GIC in the North Island of New Zealand using MT data and thin-sheet modelling. *Space Weather*, 18(11): e2020SW002580; [doi:10.1029/2020SW002580](https://doi.org/10.1029/2020SW002580)
- Murmu, P.P.; Karthik, V.; Liu, Z.; Jovic, V.; Mori, T.; Yang, W.; Smith, K.E.; Kennedy, J.V. 2020** Influence of carrier density and energy barrier scattering on high Seebeck coefficient and power factor in transparent thermoelectric copper iodide. *ACS Applied Energy Materials*, 3(10): 10037-10044; [doi:10.1021/acsaem.0c01724](https://doi.org/10.1021/acsaem.0c01724)
- Nayak, A.; Eberhart-Phillips, D.; Ruppert, N.A.; Fang, H.; Moore, M.A.; Tape, C.; Christensen, D.H.; Abers, G.A.; Thurber, C.H. 2020** 3D seismic velocity models for Alaska from joint tomographic inversion of body-wave and surface-wave data. *Seismological Research Letters*, 91(6): 3106-3119; [doi:10.1785/0220200214](https://doi.org/10.1785/0220200214)
- Nicol, A.; Mouslopoulou, V.; Begg, J.G.; Oncken, O. 2020** Displacement accumulation and sampling of paleoearthquakes on active normal faults of Crete in the eastern Mediterranean. *Geochemistry Geophysics Geosystems*, 21(11): e2020GC009265; [doi:10.1029/2020GC009265](https://doi.org/10.1029/2020GC009265)
- O'Sullivan, J.; Newson, J.; Alcaraz, S.A.; Barton, S.; Baraza, R.; Croucher, A.; Scott, S.; O'Sullivan, M. 2020** A robust supercritical geothermal simulator. paper 137 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Payne, B.A.; Becker, J.S.; Kaiser, L.H.; Taylor-Offord, S. 2020** 'They're going to arrive, ready or not': hill-based residents capacity to support the evacuated after earthquake and tsunami. *Australian journal of emergency management*, 35(4): 35-41
- Pearson-Grant, S.; Seward, A.M.; Knowling, M.J.; Carey, B.S.; Burnell, J.G. 2020** Optimal settings for direct geothermal use investigated with numerical modelling. paper 17 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Rattenbury, M.S.; Jolly, G.E.; Benfell, P.; Smillie, R.W. 2020** Geological surveys as research-focussed organisations: New Zealand's experience and opportunities. p. 213-223; [doi:10.1144/SP499-2019-63](https://doi.org/10.1144/SP499-2019-63)
In: Hill, P.R.; Lebel, D.; Hitzman, M.; Smelror, M.; Thorleifson, H. (eds) *The changing role of geological surveys*. London: Geological Society. Geological Society special publication 499
- Rhoades, D.A.; Rastin, S.J.; Christophersen, A. 2020** The effect of catalogue lead time on medium-term earthquake forecasting with application to New Zealand data. *Entropy*, 22(11): article 1264; [doi:10.3390/e22111264](https://doi.org/10.3390/e22111264)

- Riginos, C.; Crandall, E.D.; Liggins, L.; Gaither, M.R.; Ewing, R.B.; Meyer, C.; Andrews, K.R.; Euclide, P.T.; Titus, B.M.; Therkildsen, N.O.; Salces-Castellano, A.; Stewart, L.C.; Toonen, R.J.; Deck, J. 2020** Building a global genomics observatory: using GEOME (the Genomic Observatories Metadatabase) to expedite and improve deposition and retrieval of genetic data and metadata for biodiversity research. *Molecular Ecology Resources*, 20(6): 1458-1469; [doi:10.1111/1755-0998.13269](https://doi.org/10.1111/1755-0998.13269)
- Sadashiva, V.K.; Mowll, R.; Heron, D.W.; Lukovic, B. 2020** Reducing infrastructure outages through integrated infrastructure resilience investment programme. paper 11a-0010 In: *17th World Conference on Earthquake Engineering, 17WCEE 2020, Sendai, Japan, September 13th to 18th 2020*. International Association for Earthquake Engineering.
- Sadashiva, V.K.; Nayyerloo, M.; Williams, J.; Heron, D.W.; Uma, S.R.; Horspool, N.A.; Buxton, R.; Lin, S.-L.; Lukovic, B.; King, A.B.; Berryman, K.R.; Daly, M.C. 2020** Potential benefits of implementing water network resilience projects in Wellington region of New Zealand. paper 11a-0011 In: *17th World Conference on Earthquake Engineering, 17WCEE 2020, Sendai, Japan, September 13th to 18th 2020*. International Association for Earthquake Engineering.
- Sahoo, T.R.; Nicol, A.; Browne, G.H.; Strogon, D.P. 2020** Evolution of a normal fault system along eastern Gondwana, New Zealand. *Tectonics*, 39(10): e2020TC006181; [doi:10.1029/2020TC006181](https://doi.org/10.1029/2020TC006181)
- Sajkowski, L.; Mountain, B.W.; Seward, T.M. 2020** Experimental determination of rate constants for the breakdown of the organic tracers 2-NSA 2,6-NDS, 2, 7-NDS, 1,5-NDS and 1,6-NDS under geothermal conditions. paper 21 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Scheele, F.R.; Lukovic, B.; Horspool, N.A. 2020** Modelling fire following earthquake for Wellington City, New Zealand. paper 8f-0001 In: *17th World Conference on Earthquake Engineering, 17WCEE 2020, Sendai, Japan, September 13th to 18th 2020*. International Association for Earthquake Engineering.
- Scheele, F.R.; Simi, T.; Nimau, J.T.; Williams, S.; Paulik, R.; Lin, S.-L.; Ungaro, J.; Holland, P.; Woods, R.J. 2020** Applying New Zealand's risk tools internationally: case studies from Samoa and Vanuatu. article 01003; [doi:10.1051/mateconf/202033101003](https://doi.org/10.1051/mateconf/202033101003) In: Woods, R.J.; Yoshida, M.; Miyajima, M.; Alauddin, K.; Arifin, S.; Fadjar, A.; Rusdin, A.; Adam, A.A. (eds.) *International Conference on Urban Disaster Resilience (ICUDR 2019), Palu, Indonesia, April 25-27, 2019*. Villebon-sur-Yvette: EDP Sciences - Web of Conferences. MATEC Web of Conferences 331
- Scott, G.H. 2020** Zooplankters in an oligotrophic ocean: contrasts in the niches of *Globigerinoides ruber* and *Trilobatus sacculifer* (Foraminifera: Globigerinida) in the South Pacific. *Écoscience*, 27(4): 269-278; [doi:10.1080/11956860.2020.1793561](https://doi.org/10.1080/11956860.2020.1793561)
- Seroussi, H.; Nowicki, S.; Payne, A.J.; Goelzer, H.; Lipscomb, W.H.; Abe Ouchi, A.; Agosta, C.; Albrecht, T.; Asay-Davis, X.; Barthel, A.; Calov, R.; Cullather, R.; Dumas, C.; Gladstone, R.; Golledge, N.R.; Gregory, J.M.; Greve, R.; Hatterman, T.; Hoffman, M.J.; Humbert, A.; Huybrechts, P.; Jourdain, N.C.; Kleiner, T.; Larour, E.; Leguy, G.R.; Lowry, D.P.; Little, C.M.; Morlighem, M.; Pattyn, F.; Pelle, T.; Price, S.F.; Quiquet, A.; Reese, R.; Schlegel, N.J.; Shepherd, A.; Simon, E.; Smith, R.S.; Straneo, F.; Sun, S.; Trusel, L.D.; Van Breedam, J.; van de Wal, R.S.W.; Winkelmann, R.; Zhao, C.; Zhang, T.; Zwinger, T. 2020** ISMIP6 Antarctica: a multi-model ensemble of the Antarctic ice sheet evolution over the 21st century. *Cryosphere*, 14(9): 3033-3070; [doi:10.5194/tc-14-3033-2020](https://doi.org/10.5194/tc-14-3033-2020)

- Seward, A.M.; Reeves, R.R.; Doorman, P.; Sanders, F.; Lor, S.; Macdonald, N.; Brakenrig, T.; Graham, D.J.A. 2020** Surface heat loss assessment of Rotorua Geothermal Field. paper 134 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.
- Sharma, V.; Natali, F.; Kennedy, J.V.; Leveueur, J.; Fiedler, H.; Murmu, P.P.; Williams, G.V.M. 2021** The effect of low energy helium implantation on the structural, vibrational, and piezoelectric properties of AlN thin films. *Physica. B, Condensed Matter*, 601: article 412481; [doi:10.1016/j.physb.2020.412481](https://doi.org/10.1016/j.physb.2020.412481)
- Simons, B.C.; Cronin, S.J.; Eccles, J.D.; Jolly, A.D.; Garaebiti, E.; Cevuard, S. 2020** Spatiotemporal variations in eruption style and magnitude at Yasur Volcano, Vanuatu, part 2: extending Strombolian eruption classifications. *Bulletin of Volcanology*, 82(11): article 70; [doi:10.1007/s00445-020-01404-5](https://doi.org/10.1007/s00445-020-01404-5)
- Strehlow, K.; Gottsmann, J.; Rust, A.; Hautmann, S.; Hemmings, B.J.C. 2020** The influence of long- and short-term volcanic strain on aquifer pressure: a case study from Soufrière Hills Volcano, Montserrat (W.I.). *Geophysical Journal International*, 223(2): 1288-1303; [doi:10.1093/gji/ggaa354](https://doi.org/10.1093/gji/ggaa354)
- Tan, M.L.; Prasanna, R.; Stock, K.; Doyle, E.E.H.; Leonard, G.S.; Johnston, D.M. 2020** Modified usability framework for disaster apps: a qualitative thematic analysis of user reviews. *International Journal of Disaster Risk Reduction*, 11(5): 615-629; [doi:10.1007/s13753-020-00282-x](https://doi.org/10.1007/s13753-020-00282-x)
- Tan, M.L.; Prasanna, R.; Stock, K.; Doyle, E.E.H.; Leonard, G.S.; Johnston, D.M. 2020** Usability factors influencing the continuance intention of disaster apps: a mixed-methods study. *International Journal of Disaster Risk Reduction*, 50: article 101874; [doi:10.1016/j.ijdr.2020.101874](https://doi.org/10.1016/j.ijdr.2020.101874)
- Tetard, M.; Marchant, R.; Cortese, G.; Gally, Y.; de Garidel-Thoron, T.; Beaufort, L. 2020** Technical note: a new automated radiolarian image acquisition, stacking, processing, segmentation, and identification workflow. *Climate of the past*, 16: 2415-2429; [doi:10.5194/cp-16-2415-2020](https://doi.org/10.5194/cp-16-2415-2020)
- Vaux, F.; Gemmell, M.R.; Hills, S.F.K.; Marshall, B.A.; Beu, A.G.; Crampton, J.S.; Trewick, S.A.; Morgan-Richards, M. 2020** Lineage identification affects estimates of evolutionary mode in marine snails. *Systematic biology*, 69(6): 1106-1121; [doi:10.1093/sysbio/syaa018](https://doi.org/10.1093/sysbio/syaa018)
- Wang, X.; Holden, C.; Power, W.L.; Liu, Y.; Mountjoy, J. 2020** Seiche effects in Lake Tekapo New Zealand, in an MW8.2 Alpine Fault earthquake. *Pure and Applied Geophysics*, 177(12): 5927-5942; [doi:10.1007/s00024-020-02595-w](https://doi.org/10.1007/s00024-020-02595-w)
- Wasowski, J.; McSaveney, M.J.; Pisano, L.; Del Gaudio, V.; Li, Y.; Hu, W. 2021** Recurrent rock avalanches progressively dismantle a mountain ridge in Beichuan County, Sichuan, most recently in the 2008 Wenchuan earthquake. *Geomorphology*, 374: article 107492; [doi:10.1016/j.geomorph.2020.107492](https://doi.org/10.1016/j.geomorph.2020.107492)
- Woods, R.J.; Daly, M.C.; Setianto, A.; Anantasari, E.A.; Johnson, R. 2020** Increasing seismic hazard and risk awareness in Central Sulawesi, Indonesia: Seismometers in Schools Pilot Programme. article 01001; [doi:10.1051/mateconf/202033101001](https://doi.org/10.1051/mateconf/202033101001) In: Woods, R.J.; Yoshida, M.; Miyajima, M.; Alauddin, K.; Arifin, S.; Fadjar, A.; Rusdin, A.; Adam, A.A. (eds.) *International Conference on Urban Disaster Resilience (ICUDR 2019), Palu, Indonesia, April 25-27, 2019*. Villebon-sur-Yvette: EDP Sciences - Web of Conferences. MATEC Web of Conferences 331
- Yang, T.-H. J.; Chambefort, I.; Mazot, A.; Rowe, M.; Scott, B.J.; Macdonald, N.; Werner, C.; de Ronde, C.E.J.; Fischer, T. 2020** CO₂ discharge from Lake Rotoiti, New Zealand. paper 52 In: *Proceedings 42nd New Zealand Geothermal Workshop, 24-26 November 2020, Waitangi, New Zealand*. Auckland, N.Z.: University of Auckland.