List of publications in 2016 due to GEF equipment loans

Journal Articles


Conference Papers / Proceedings


18. Green, R. and et al, 2016, Triggered earthquakes suppressed by an evolving stress shadow from a propagating dyke; Bardarbunga volcano, Iceland, American Geophysical Union, Fall Meeting 2016, San Francisco, Abstract 171318, (GEF Loans 968, 980, 1022)


20. Green, R.G., Priestley, K.F. and White, R.S., 2016, Seismic velocity structure of the Icelandic crust from ambient noise tomography, Seismix 2016, Aviemore, UK, (GEF Loans 968, 980)


22. Gregory, E.P.M., Hobbs, R.W., Peirce, C. and Wilson, D.J., 2016, Seismic velocity structure and anisotropy at Hole 504B: a 3D investigation into fracturing, alteration and fluid flow, InterRidge Theoretical Institute, (OBIF)


28. Harmon, N., Becker, T.W. and Rychert, C., 2016, Constraints on the radially anisotropic component of seismic discontinuities at 60-100 km depth, American Geophysical Union, Fall Meeting 2016, San Francisco, DI41D-06, (GEF Loan 1015)

29. Hart, J., Young, D. and Martinez, K., 2016, Seasonal evolution of subglacial drainage pathways within a soft bedded anastomosing system, Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-3879), (GEF Loan 983)


Jenkins, J.S., Cottaar, S. and Deuss, A.F., 2016, Searching for the structure in the mid-ocean: observations of converted seismic phases beneath Iceland and Europe, American Geophysical Union, Fall Meeting 2016, San Francisco, (GEF Loans 857, 968, 1022)


King, O., Rowan, A.V., Quincey, D.J. and Carrivick, J.L., 2016, Spacial variability in mass loss of glaciers in the Everest region, central Himalaya, between 2000 and 2015, American Geophysical Union, Fall Meeting 2016, San Francisco, C13D-0866, (GEF Loans 1050, 1058, 1065)


Quincey, D., Rowan, A., Gibson, M., Irvine-Fynn, T., King, O. and Watson, S., 2016, Processes driving rapid morphological changes observed on the Khumbu Glacier, Nepal, Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-15880), (GEF Loan 1050)


48. Searle, R.C., Tominaga, M., Peirce, C., Reston, T.J. and MacLeod, C.J., 2016, Near-bottom high resolution magnetic observations over and around an active oceanic core complex, MAR, 13N, American Geophysical Union, Fall Meeting 2016, San Francisco, T33A-2999, (OBIF)


53. Vinciguerra, S., Jongmans, D., Colombo, B., Baillet, L. and Comina, C., 2016, Multiscale seismic characterization and monitoring of a potentially unstable rock mass: the Madonna del Sasso (NW Italy) rockfall, American Geophysical Union, Fall Meeting 2016, San Francisco, MR41B-2706, (GEO Loan 1004)

54. White, R.S. and Cambridge Volcano Seismology Group, 2016, Magma transport in Iceland from deep to shallow crust and eruption, European Seismological Commission, Volcano Seismology Working Group, Stromboli, (GEO Loans 968, 980, 1022)


59. Zhang, L., Wilson, D.J., Tong, V.C.H. and Hobbs, R.W., 2016, 3D crustal structure beneath the Costa Rica Rift from seismic refraction tomography, InterRidge Theoretical Institute, (OBIF)

PhD Theses


2. Ely, J., 2016, Flow signatures on the bed and the surface of ice sheets, University of Sheffield, (GEO Loan 1008)


5. Hicks, S., 2016, Seismic properties and processes along the subduction plate interface: the February 2010 Mw 8.8 Maule, Chile earthquake, University of Liverpool, (GEO Loan 1020)

7. Parker, A.L., 2016, InSAR observations of ground deformation: application to the Cascades Volcanic Arc, *University of Bristol*, (GEF Loan 1011)

8. Smith, E.C., 2016, Microseismicity and the dynamics of Rutford Ice Stream, West Antarctica, *University of Cambridge*, (GEF Loan 936)

9. Wilks, M., 2016, A seismological investigation into tectonic, magmatic and hydrothermal processes at Aluto and Corbetti, two restless volcanoes in the Main Ethiopian Rift, *University of Bristol*, (GEF Loan 1011)