

List of publications in 2016 due to GEF equipment loans

Journal Articles

1. Agustsdottir, T., Woods, J., Greenfield, T., Green, R.G., White, R.S., Winder, T., Brandsdottir, B., Steinthorsson, S. and Soosalu, H., **2016**, Strike-slip faulting during the 2014 Bardarbunga-Holuhraun dike Intrusion, central Iceland, *Geophysical Research Letters*, doi: 10.1002/2015GL067423, (GEF Loans 968, 1022)
2. Bayrakci, G., Minshull, T.A., Sawyer, D.S., Reston, T.J., Klaeschen, D., Papenberg, C., Ranero, C., Bull, J.M., Davy, R.G., Shillington, D.J., Perez-Gussinye, M. and Morgan, J.K., **2016**, Fault-controlled hydration of the upper mantle during continental rifting, *Nature Geoscience*, 9, p384-388, doi: 10.1038/ngeo2671, (OBIF)
3. Behm, M., Nakata, N. and Bokelmann, G., **2016**, Regional Ambient Noise Tomography in the Eastern Alps of Europe, *Pure and Applied Geophysics*, 173(8), p2813-2840, doi: 10.1007/s00024-016-1314-z, (GEF Loan 883)
4. Boyce, A., Bastow, I.D., Darbyshire, F.A., Ellwood, A.G., Gilligan, A., Levin, V. and Menke, W., **2016**, Subduction beneath Laurentia Modified the North American Cratonic Edge: Evidence from P and S wave Tomography, *Journal of Geophysical Research Solid Earth*, doi: 10.1002/2016JB012838, (GEF Loan 986)
5. Bye, I.J., North, P.R.J., Los, S.O., Kljun, N., Rosette, J.A.B., Hopkinson, C., Chasmer, L. and Mahoney, C., **2016**, Estimating forest canopy parameters from satellite waveform LiDAR by inversion of the FLIGHT three-dimensional radiative transfer model, *Remote Sensing of Environment*, 188, p177-189, doi: 10.1016/j.rse.2016.10.048, (GEF Loan 933)
6. Carling, P.A., Bristow, C.S. and Litvinov, A.S., **2016**, Ground-penetrating radar stratigraphy and dynamics of megaflood gravel dunes, *Journal of the Geological Society*, 173(3), p550-559, doi: 10.1144/jgs2015-119, (GEF Loans 931, 970)
7. Civiero, C., Goes, S., Hammond, J.O.S., Fishwick, S., Ahmed, A., Ayele, A., Doubre, C., Goitom, B., Keir, D., Kendall, J.-M., Leroy, S., Ogubazghi, G., Rumpker, G. and Stuart, G.W., **2016**, Small-scale thermal upwellings under the Northern East African rift from S-wave travel-time tomography, *Journal of Geophysical Research Solid Earth*, 121, p7395-7408, doi: 10.1002/2016JB013070, (GEF Loan 913)
8. Conway, S.J. and Balme, M.R., **2016**, A novel topographic parameterization scheme indicates that martian gullies display the signature of liquid water, *Earth and Planetary Science Letters*, 454, p36-45, doi: 10.1016/j.epsl.2016.08.031, (GEF Loans 977, 1006)
9. Cowton, T., Nienow, P., Sole, A., Bartholomew, I. and Mair, D., **2016**, Variability in ice motion at a land-terminating Greenlandic outlet glacier: the role of channelized and distributed drainage systems, *Journal of Glaciology*, doi: 10.1017/jog.2016.36, (GEF Loan 868)
10. Davy, R.G., Minshull, T.A., Bayrakci, G., Bull, J.M., Klaeschen, D., Papenberg, C., Reston, T.J., Sawyer, D.S. and Zelt, C.A., **2016**, Continental hyperextension, mantle exhumation, and thin oceanic crust at the continent-ocean transition, West Iberia: New insights from wide-angle seismic, *Journal of Geophysical Research Solid Earth*, 121(5), p3177-3199, doi: 10.1002/2016JB012825, (OBIF)
11. Domingues, A., Silveira, G., Ferreira, A.M.G., Chang, S.-J., Custodio, S. and Fonseca, J.F.B.D., **2016**, Ambient noise tomography of the East African Rift in Mozambique, *Geophysical Journal International*, 205(2), p1565-1578, doi: 10.1093/gji/ggv538, (GEF Loan 895)
12. Gallacher, R.J., Keir, D., Harmon, N., Stuart, G., Leroy, S., Hammond, J.O.S., Kendall, J.-M., Ayele, A., Goitom, B., Ogubazghi, G. and Abdulhakim, A., **2016**, The initiation of segmented buoyancy-driven melting during continental breakup, *Nature Communications*, 7, doi: 10.1038/ncomms13110, (GEF Loan 873)
13. Gilligan, A., Bastow, I.D., Boyce, A., Petrescu, L., Liddell, M., Darbyshire, F.A., Hawthorn, D., Lane, V., Daly, D., Simpson, D. and Heffler, D., **2016**, Peering beneath the Canadian crust, *Astronomy and Geophysics*, 57(6), p6.24-6.27, doi: 10.1093/astrogeo/atw221, (GEF Loan 986)
14. Gilligan, A., Bastow, I.D. and Darbyshire, F.A., **2016**, Seismological structure of the 1.8 Ga Trans-Hudson Orogen of North America, *Geochemistry, Geophysics, Geosystems*, 17(6), p2421-2433, doi: 10.1002/2016GC006419, (GEF Loans 817, 900)
15. Gilligan, A., Bastow, I.D., Watson, E., Darbyshire, F.A., Levin, V., Menke, W., Lane, V., Hawthorn, D., Boyce, A., Liddell, M.V. and Petrescu, L., **2016**, Lithospheric deformation in the Canadian Appalachians: evidence from shear wave splitting, *Geophysical Journal International*, 206(2), p1273-1280, doi: 10.1093/gji/ggw207, (GEF Loan 986)
16. Greenfield, T., White, R.S. and Roecker, S., **2016**, The magmatic plumbing system of the Askja central volcano, Iceland, as imaged by seismic tomography, *Journal of Geophysical Research Solid Earth*, 121, p7211-7229, doi: 10.1002/2016JB013163, (GEF Loans 968, 1022)

17. Hammond, J., **2016**, Understanding Volcanoes in Isolated Locations: Engaging Diplomacy for Science, *Science and Diplomacy*, 5(1), (GEF Loan 976)
18. Holman, F.H., Riche, A.B., Michalski, A., Castle, M., Wooster, M.J. and Hawkesford, M.J., **2016**, High Throughput Field Phenotyping of Wheat Plant Height and Growth Rate in Field Plot Trials Using UAV Based Remote Sensing, *Remote Sensing*, 8, doi: 10.3390/rs8121031, (GEF Loan 994)
19. Jenkins, J.S., Cottaar, S., White, R.S. and Deuss, A., **2016**, Depressed mantle discontinuities beneath Iceland: Evidence of a garnet controlled 660 km discontinuity?, *Earth and Planetary Science Letters*, 433, p159-168, doi: 10.1016/j.epsl.2015.10.053, (GEF Loans 857, 968)
20. Johnson, N.E., Whaler, K.A., Hautot, S., Fisseha, S., Desissa, M. and Dawes, G.J.K., **2016**, Magma imaged magnetotellurically beneath an active and an inactive magmatic segment in Afar, Ethiopia, *Geological Society of London Special Publications*, 420, p105-125, doi: 10.1144/SP420.11, (GEF Loan 907)
21. Korostelev, F., Leroy, S., Keir, D., Weemstra, C., Boschi, L., Molinari, I., Ahmed, A., Stuart, G.W., Rolandone, F., Khanbari, K. and Al-Lazki, A., **2016**, Magmatism at continental passive margins inferred from Ambient-Noise Phase-velocity in the Gulf of Aden, *Terra Nova*, 28(1), p19-26, doi: 10.1111/ter.12182, (GEF Loan 873)
22. Kyong-Song, R., Hammond, J.O.S., Choi-Nam, K., Hyok, K., Yong-Gun, Y., Gil-Jong, P., Chong-Song, R., Oppenheimer, C., Liu, K.W., Iacovino, K. and Kum-Ran, R., **2016**, Evidence for partial melt in the crust beneath Mt. Paektu (Changbaishan), Democratic People's Republic of Korea and China, *Science Advances*, 2(4), doi: 10.1126/sciadv.1501513, (GEF Loan 976)
23. Mildon, Z., Tarasewicz, J., Pugh, D., White, R.S. and Brandsdottir, B., **2016**, Closing crack earthquakes within the Krafla caldera, North Iceland, *Geophysical Journal International*, 207(2), p1137-1141, doi: 10.1093/gji/ggw325, (GEF Loans 891, 914)
24. Moretti, M., et al., **2016**, SISMICO: emergency network deployment and data sharing for the 2016 central Italy seismic sequence, *Annals of Geophysics*, 59, doi: 10.4401/ag-7212, (GEF Loan 1067)
25. Petrescu, L., Bastow, I.D., Darbyshire, F.A., Gilligan, A., Bodin, T., Menke, W. and Levin, V., **2016**, Three billion years of crustal evolution in eastern Canada: Constraints from receiver functions, *Journal of Geophysical Research Solid Earth*, doi: 10.1002/2015JB012348, (GEF Loan 986)
26. Pugh, D.J., White, R.S. and Christie, P.A.F., **2016**, Automatic Bayesian polarity determination, *Geophysical Journal International*, 206(1), p275-291, doi: 10.1093/gji/ggw146, (GEF Loan 842)
27. Pugh, D.J., White, R.S. and Christie, P.A.F., **2016**, A Bayesian method for microseismic source inversion, *Geophysical Journal International*, 206(2), p1009-1038, doi: 10.1093/gji/ggw186, (GEF Loan 842)
28. Qorbani, E., Bokelmann, G., Kovacs, I., Horvath, F. and Falus, G., **2016**, Deformation in the asthenospheric mantle beneath the Carpathian-Pannonian region, 2016, *Journal of Geophysical Research Solid Earth*, 121(9), p6644-6657, doi: 10.1002/2015jb012604, (GEF Loan 883)
29. Redolfi, M., Tubino, M., Bertoldi, W. and Brasington, J., **2016**, Analysis of reach-scale elevation distribution in braided rivers: Definition of a new morphologic indicator and estimation of mean quantities, *Water Resources Research*, 52(8), p5951-5970, doi: 10.1002/2015WR017918, (GEF Loan 892)
30. Schiffer, C., Stephenson, R., Oakey, G.N. and Jacobsen, B.H., **2016**, The crustal structure of Ellesmere Island, Arctic Canada - teleseismic mapping across a remote intraplate orogenic belt, *Geophysical Journal International*, 204(3), p1579-1600, doi: 10.1093/gji/ggv539, (GEF Loan 890)
31. Schuler, J., Pugh, D.J., Hauksson, E., White, R.S., Stock, J.M. and Brandsdottir, B., **2016**, Focal mechanisms and size distribution of earthquakes beneath the Krafla central volcano, NE Iceland, *Journal of Geophysical Research Solid Earth*, 121, doi: 10.1002/2016JB013213, (GEF Loan 891)
32. Scott Watson, C., Quincey, D.J., Carrivick, J.L. and Smith, M.W., **2016**, The dynamics of supraglacial ponds in the Everest region, central Himalaya, *Global and Planetary Change*, 142, p14-27, doi: 10.1016/j.gloplacha.2016.04.008, (GEF Loan 1050)
33. Searle, R.C., Peirce, C. and Bentley, A.M., **2016**, Research and outreach at the Mid-Atlantic Ridge, *Astronomy Geophysics*, 57(3), p3.18-3.20, doi: 10.1093/astrogeo/atw098, (OBIF)
34. Simpson, J.E., Wooster, M.J., Smith, T.E.L., Trivedi, M., Vernimmen, R.R.E., Dedi, R., Shakti, M. and Dinata, Y., **2016**, Tropical Peatland Burn Depth and Combustion Heterogeneity Assessed Using UAV Photogrammetry and Airborne LiDAR, *Remote Sensing*, 8(12), doi: 10.3390/rs8121000, (GEF Loan 1057)

35. Soare, R.J., Conway, S.J., Gallagher, C. and Dohm, J.M., **2016**, Sorted (clastic) polygons in the Argyre region, Mars, and possible evidence of pre- and post-glacial periglaciation in the Late Amazonian Epoch, *Icarus*, 264, p184-197, doi: 10.1016/j.icarus.2015.09.019, (GEF Loan 977)
36. Taylor, G., Rost, S. and Houseman, G., **2016**, Crustal Imaging Across the North Anatolian Fault Zone from the Auto-Correlation of Ambient Seismic Noise, *Geophysical Research Letters*, doi: 10.1002/2016GL067715, (GEF Loan 947)
37. Walter, F., Burtin, A., McArdell, B., Hovius, N., Weder, B. and Turowski, J.M., **2016**, Rapid Detection and Location of Debris Flow Initiation at Illgraben, Switzerland, *Natural Hazards and Earth System Sciences Discussions*, doi: 10.5194/nhess-2016-321, (GEF Loan 950)
38. White, R.S., **2016**, Earthquakes and eruptions in Iceland, *Planet Earth*, Summer 2016, p7, (GEF Loans 968, 980, 1022)
39. Williams, R.D., Brasington, J. and Hicks, D.M., **2016**, Numerical modelling of braided river morphodynamics: review and future challenges, *Geography Compass*, 10(3), p102-127, doi: 10.1111/gec3.12260, (GEF Loan 892)
40. Williams, R.D., Measures, R., Hicks, D.M. and Brasington, J., **2016**, Assessment of a numerical model to reproduce event-scale erosion and deposition distributions in a braided river 10.1016/j.epsl.2016.08.031, *Water Resources Research*, 52, p6621-6642, doi: 10.1002/2015WR018491, (GEF Loan 892)
41. Williams, R.D., Measures, R., Hicks, D.M. and Brasington, J., **2016**, Assessment of a numerical model to reproduce event-scale erosion and deposition distributions in a braided river, *Water Resources Research*, 52(8), p6621-6642, doi: 10.1002/2015WR018491, (GEF Loan 892)

Conference Papers / Proceedings

1. Agustsdottir, T., Woods, J., Greenfield, T., Green, R.G., White, R.S., Brandsdottir, B., Steinthorsson, S. and Soosalu, H., **2016**, Episodic propagation of the 2014 Bardarbunga-Holuhraun dyke intrusion, Iceland, *Nordic Geological Society Winter Meeting*, (GEF Loans 968, 980, 1022)
2. Agustsdottir, T., et al., **2016**, Seismicity accompanying the 2014 Bardarbunga-Holuhraun intrusion and the co- and post-eruptive activity, *European Seismological Commission, Volcano Seismology Working Group, Stromboli*, (GEF Loans 968, 980, 1022)
3. Amere, Y.B., Kendall, J.M., Biggs, J., Lewi, E., Ayele, A., Wilks, M. and Bekele, B., **2016**, The response to precipitation of a hydrothermal system: seasonal seismicity and vertical deformation at Aluto-Langano, Ethiopia, *American Geophysical Union, Fall Meeting 2016, San Francisco*, G33B-1091, (GEF Loans 992, 1011)
4. Baddock, M., Wiggs, G. and Nield, J., **2016**, Understanding early-stage dune development: morphodynamics of aeolian protodunes, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-16642), (GEF Loan 1025)
5. Birhanu, Y., Biggs, J., Gottsmann, J., Lewi, E., Lloyd, R. and Bekele, B., **2016**, Volcano deformation in central Main Ethiopian Rift system (Aluto Volcano) inferred from continuous GPS and dynamic gravity observations, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-14191), (GEF Loans 992, 1011)
6. Brandsdottir, B., Agustsdottir, T., Woods, J., White, R.S., Greenfield, T., Green, R.G., Smith, J., Donaldson, C. and Caudron, C., **2016**, Long-period earthquakes during the 2014 Bardarbunga rifting event, *European Seismological Commission, Volcano Seismology Working Group, Stromboli*, (GEF Loans 968, 980, 1022)
7. Castiello, G., Peirce, C. and Grevemeyer, I., **2016**, Characterising the evolution of transform continental margins - a geophysical study of the Swan Island transform margin-Cayman trough intersection, Caribbean Sea, *American Geophysical Union, Fall Meeting 2016, San Francisco*, T43B-3041, (OBIF)
8. Caudron, C., White, R.S. and Brandsdottir, B., **2016**, Constraining the dynamics of 2010 Eyjafjallajökull eruption using seismic noise, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-17168), (GEF Loans 968, 980, 1022)
9. Caudron, C., Donaldson, C., Green, R.G. and White, R.S., **2016**, Magma migration revealed by seismic amplitude ratio analyses: examples at Tolbachik and Bardarbunga volcanoes, *Seismix 2016, Aviemore, UK*, (GEF Loans 968, 980)
10. Caudron, C., et al., **2016**, Dynamics of the 2014-15 Bardarbunga-Holuhraun magma propagation, *American Geophysical Union, Fall Meeting 2016, San Francisco*, Abstract 172420, (GEF Loan 1022)
11. Colombero, C., Baillet, L., Comina, C., Jongmans, D. and Vinciguerra, S., **2016**, Active and passive seismic methods for characterization and monitoring of unstable rock masses: field surveys, laboratory tests and modeling, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-7513), (GEF Loan 1004)

12. Donaldson, C., Caudron, C., Green, R.G., Thelen, W.A. and White, R.S., **2016**, Velocity variations at Kilauea and Bardarbunga volcanoes measured using ambient seismic noise, *Seismix 2016, Aviemore, UK*, (GEF Loans 968, 980)
13. Donaldson, C., Caudron, C., Green, R.G., Thelen, W.A. and White, R.S., **2016**, Relative seismic velocity variations correlate with deformation at Kilauea volcano, *European Seismological Commission, Volcano Seismology Working Group, Stromboli*, (GEF Loan 980)
14. Ely, J., Clark, C., Spagnolo, M. and Hughes, A., **2016**, How do drumlin patterns evolve?, *Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-1425)*, (GEF Loan 1008)
15. England, R., Mansour, W.B., Moorkamp, M. and Fishwick, S., **2016**, The edges of Precambrian shields in Scandinavia and the UK, *Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-9827-1)*, (GEF Loan 959)
16. Falder, M., Reston, T.J., Peirce, C., Simao, N.M., MacLeod, C.J. and Searle, R.C., **2016**, Seismic reflection imaging of detachment faulting at 13N on the Mid-Atlantic Ridge, *American Geophysical Union, Fall Meeting 2016, San Francisco, T33A-3000*, (OBIF)
17. Funnell, M.J., Peirce, C., Robinson, A.J., Watts, A.B. and Grevemeyer, I., **2016**, Structure and evolution of the forearc-arc crust along the Tonga-Kermadec subduction system from integrated geophysical data, *American Geophysical Union, Fall Meeting 2016, San Francisco, V13C-2868*, (OBIF)
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)
19. Green, R., Priestley, K.F. and White, R.S., **2016**, The seismic structure of volcanic centres in Iceland, *European Seismological Commission, Volcano Seismology Working Group, Stromboli*, (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)
21. Greenfield, T., White, R.S. and Roecker, S.W., **2016**, The magmatic plumbing system of the Askja central volcano, Iceland, as revealed by local earthquake tomography, *Seismix 2016, Aviemore, UK*, (GEF Loan 968)
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)
23. Gregory, E.P.M., Hobbs, R.W., Peirce, C., Wilson, D.J. and Zhang, L., **2016**, Understanding fracturing and alteration at ODP borehole 504B: 3D seismic structure and anisotropy of 5.9 Ma oceanic crust, *American Geophysical Union, Fall Meeting 2016, San Francisco, T13B-2712*, (OBIF)
24. Grevemeyer, I., Merz, M., Dannowski, A., Papenberg, C., Hayman, N., van Avendonk, H. and Peirce, C., **2016**, Seismic structure of lithosphere emplaced at ultra-slow spreading rates, *Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-12833)*, (OBIF)
25. Grevemeyer, I., Merz, M., Dannowski, A., Papenberg, C.A., van Avendonk, H.J., Hayman, N.J. and Peirce, C., **2016**, Unroofing of mantle at the ultra-slow Mid-Cayman spreading centre, Caribbean Sea: constraints from wide-angle data and Vp/Vs ratios, *American Geophysical Union, Fall Meeting 2016, San Francisco, T33-A-2995*, (OBIF)
26. Gudmundsson, M.T., Jonsdottir, K., Hooper, A., Holohan, E. and Halldorsson, S., **2016**, A multidisciplinary study of the 2014-2015 Bardarbunga caldera collapse, Iceland, *Geophysical Research Abstracts, EGU General Assembly, 18(EGU2016-17005)*, (GEF Loan 1040)
27. Harding, J., van Avendonk, H.J., Hayman, N.W., Grevemeyer, I. and Peirce, C., **2016**, Model for the evolution of an oceanic core complex and its hydrothermal vent on the ultraslow spreading Mid Cayman Spreading Center, *American Geophysical Union, Fall Meeting 2016, San Francisco, T32A-01*, (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)
30. Hart, J.K. and Martinez, K., **2016**, Subglacial processes recorded by in situ wireless probes: stick-slip motion and till deposition, *American Geophysical Union, Fall Meeting 2016, San Francisco, C33A-0765*, (GEF Loan 983)

31. Hooper, A.J., Holohan, E.P., Heimisson, E.R., Gaddes, M., Wright, T.J., Bagnardi, M., Jonsdottir, K., Sigmundsson, F., Hreinsdottir, S., Spaans, K., Dumont, S., Parks, M., Ofeigsson, B., Gudmundsson, M.T., Vogfjord, K.S. and Ebmeier, S.K., **2016**, Towards forecasting volcanic eruptions on a global scale, *American Geophysical Union, Fall Meeting 2016, San Francisco*, U43A-02, (GEF Loan 1040)
32. Hubbard, B., Luckman, A., Ashmore, D., Bevan, S., Kulesa, B., Kuipers Munneke, P., Jansen, D. and O`Leary, M., **2016**, Massive Ice Layer Formed by Refreezing of Ice-shelf Surface Melt Ponds: Larsen C Ice Shelf, Antarctica, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-2672), (GEF Loan 1043)
33. Hudson, T., et al., **2016**, Tracking deep magma movement preceding the 2014 Bardarbunga-Holuhraun eruption using microseismicity, *European Seismological Commission, Volcano Seismology Working Group, Stromboli*, (GEF Loans 968, 980, 1022)
34. Jenkins, J.S., Cottaar, S. and Deuss, A.F., **2016**, Searching for the structure in the mid-mantle: observations of converted seismic phases beneath Iceland and Europe, *American Geophysical Union, Fall Meeting 2016, San Francisco*, (GEF Loans 857, 968, 1022)
35. King, E., Spagnolo, M., Rea, B., Ely, J. and Lee, J., **2016**, 3D imaging of the internal structure of a rock-cored drumlin using ground-penetrating radar, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-8205), (GEF Loan 990)
36. 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)
37. Kulesa, B., Brisbourne, A., Booth, A., Kuipers Munneke, P., Bevan, S., Luckman, A., Hubbard, B., Gourmelen, N., Palmer, S., Holland, P., Ashmore, D. and Shepherd, A., **2016**, Firn air-content of Larsen C Ice Shelf, Antarctic Peninsula, from seismic velocities, borehole surveys and firn modelling, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-4743-1), (GEF Loan 1060)
38. Lloyd, R., Biggs, J., Birhanu, Y., Wilks, M., Gottsmann, J., Kendall, M. and Lewi, E., **2016**, Dynamic magmatic processes at a continental rift caldera, observed using satellite geodesy, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-16434), (GEF Loans 992, 1011)
39. Matthiesen, S., Palmer, P., Watson, A. and Williams, M., **2016**, Understanding and quantifying greenhouse gases (GHG) emissions: the UK GHG Emissions and Feedback Programme, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-13217), (GEF Loan 1047)
40. Morino, C., Conway, S.J., Samundsson, P., Balme, M.R., Helgason, J.K., Hillier, J., Jordan, C. and Argles, T., **2016**, The effect of ground-ice on the mobility and behaviour of landslides: a case study in northern Iceland, *XI International Conference on Permafrost*, (GEF Loan 1048)
41. Nield, J., Wiggs, G., Baddock, M. and Hipondoka, M., **2016**, Dynamic monitoring of avalanches and barchan dune morphology change at different timescales, *Geophysical Research Abstracts, EGU General Assembly*, 18(EGU2016-13972-3), (GEF Loan 1025)
42. Nield, J.M., Baddock, M.C., Wiggs, G. and Hipondoka, M., **2016**, Implications of Grainfall for Avalanches and Barchan Dune Morphodynamics, *American Geophysical Union, Fall Meeting 2016, San Francisco*, EP13B-1033, (GEF Loan 1025)
43. Parnell-Turner, R.E., Sohn, R.A., MacLeod, C.J., Peirce, C., Reston, T.J. and Searle, R.C., **2016**, Detachment fault behaviour revealed by micro-seismicity at 13N, Mid-Atlantic Ridge, *American Geophysical Union, Fall Meeting 2016, San Francisco*, T33A-2998, (OBIF)
44. 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)
45. Reston, T.J., Falder, M., Peirce, C., Simao, N.M., Searle, R.C. and MacLeod, C.J., **2016**, The role of detachment faulting in slow seafloor spreading: first results from cruise JC132 to the MAR at 13N, *American Geophysical Union, Fall Meeting 2016, San Francisco*, T32A-02, (OBIF)
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