Helen K. Coxall Publications

Peer-reviewed publications (83) Google Scholar h-index 35

2024

1. Kocken, I.J., Nooteboom, P.D., van der Veen, K., **Coxall, H.K.,** Müller, I.A., Meckler, A.N., Ziegler, M., 2024. North Atlantic Temperature Change Across the Eocene-Oligocene Transition from Clumped Isotopes. Paleoceanography and Paleoclimatology 39, e2023PA004809. https://doi.org/10.1029/2023PA004809

2. Anderson, L.B., Hönisch, B., **Coxall, H.K**., Bolge, L., 2024. Atmospheric CO_2 Estimates for the Late Oligocene and Early Miocene Using Multi-Species Cross-Calibrations of Boron Isotopes. Paleoceanography and Paleoclimatology 39, e2022PA004569. https://doi.org/10.1029/2022PA004569.

3. Wunderling, N., von der Heydt, A.S., Aksenov, Y., Barker, S., Bastiaansen, R., Brovkin, V., Brunetti, M., Couplet, V., Kleinen, T., Lear, C.H., Lohmann, J., Roman-Cuesta, R.M., Sinet, S., Swingedouw, D., Winkelmann, R., Anand, P., Barichivich, J., Bathiany, S., Baudena, M., Bruun, J.T., Chiessi, C.M., **Coxall, H.K.**, Docquier, D., Donges, J.F., Falkena, S.K.J., Klose, A.K., Obura, D., Rocha, J., Rynders, S., Steinert, N.J., Willeit, M., 2024. Climate tipping point interactions and cascades: a review. Earth Syst. Dynam. 15, 41-74. https://doi.org/10.5194/esd-15-41-2024.

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4. Sicard, M., de Boer, A.M., Coxall, H.K., Koenigk, T., Karami, M.P., Jakobsson, M., O'Regan, M., 2023. Similarities and Differences in Arctic Sea-Ice Loss During the Solar-Forced Last Interglacial Warming (127 Kyr BP) and CO_2-Forced Future Warming. Geophysical Research Letters 50, e2023GL104782. https://doi.org/10.1029/2023GL104782

5. Razmjooei, M.J., Henderiks, J., **Coxall, H.K.,** Baumann, K.-H., Vermassen, F., Jakobsson, M., Niessen, F., O'Regan, M., 2023. Revision of the Quaternary calcareous nannofossil biochronology of Arctic Ocean sediments. Quaternary Science Reviews 321, 108382. https://doi.org/10.1016/j.quascirev.2023.108382

6. Singh, A., O'Regan, M., **Coxall, H.K**., Forwick, M., Löwemark, L., 2023. Exploring late Pleistocene bioturbation on Yermak Plateau to assess sea-ice conditions and primary productivity through the Ethological Ichno Quotient. Scientific Reports 13, 17416. https://doi.org/10.1038/s41598-023-44295-0

7. Vermassen, F., O'Regan, M., de Boer, A., Schenk, F., Razmjooei, M., West, G., Cronin, T.M., Jakobsson, M., **Coxall, H.K.,** 2023. A seasonally ice-free Arctic Ocean during the Last Interglacial. Nature Geoscience 16, 723-729. https://doi.org/10.1038/s41561-023-01227-x

8. Farmer, J. R., Keller, K. J., Poirier, R. K., Dwyer, G. S., Schaller, M. F., **Coxall, H. K.,** O'Regan, M., and Cronin, T. M., 2023, A 600 kyr reconstruction of deep Arctic seawater $\delta^{18}O$ from benthic foraminiferal $\delta^{18}O$ and ostracode Mg/Ca paleothermometry: Clim. Past, 19, 3, 555-578, https://doi.org/10.5194/cp-19-555-2023.

9. Śliwińska, K. K., **Coxall, H.K.,** Hutchinson, D. K., Liebrand, D., Schouten, S., and de Boer, A. M., 2023, Sea surface temperature evolution of the North Atlantic Ocean across the Eocene–Oligocene transition: Clim. Past, v. 19, no. 1, p. 123-140. https://doi.org/10.5194/cp-19-123-2023.

10. Viganò, A., Coxall, H. K., Holmström, M., Vinco, M., Lear, C. H., and Agnini, C., 2023, Calcareous nannofossils across the Eocene-Oligocene transition at Site 756 (Ninetyeast Ridge, Indian Ocean): implications for biostratigraphy and paleoceanographic clues: Newsletters on Stratigraphy, v. 56, no. 2, p. 187-223. DOI: 10.1127/nos/2022/0725.

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11. Zhang, Y., de Boer, A.M., Lunt, D.J., Hutchinson, D.K., Ross, P., van de Flierdt, T., Sexton, P., **Coxall, H.K.,** Steinig, S., Ladant, J.-B., Zhu, J., Donnadieu, Y., Zhang, Z., Chan, W.-L., Abe-Ouchi, A., Niezgodzki, I., Lohmann, G., Knorr, G., Poulsen, C. J., and Huber, M., 2022, Early Eocene Ocean Meridional Overturning Circulation: The Roles of Atmospheric Forcing and Strait Geometry: Paleoceanography and Paleoclimatology, v. 37, no. 3, p. e2021PA004329.

12. Reghellin, D., **Coxall, H.K**., Dickens, G.R., Galeotti, S., and Backman, J., 2022, The Late Miocene-Early Pliocene Biogenic Bloom in the Eastern Equatorial Pacific: New Insights from Integrated Ocean Drilling Program Site U1335: Paleoceanography and Paleoclimatology, v. 37, no. 3, p. e2021PA004313.

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15. Birch, H., Schmidt, D.N., **Coxall, H.K**., Kroon, D., Ridgwell, A., 2021. Ecosystem function after the K/Pg extinction: decoupling of marine carbon pump and diversity. *Proceedings of the Royal Society B: Biological Sciences,* 288:20210863, https://doi.org/doi:10.1098/rspb.2021.0863

16. Stranne, C., Nilsson, J., Ulfsbo, A., O'Regan, A.M., **Coxall, H.K.,** Meire, L., Muchowski, J., Mayer, L.A., Brüchert, V., Fredriksson, J., Thornton, B., Chawarski, J., West, G., Weidner, E., Jakobsson, M., 2021. The climate sensitivity of northern Greenland fjords is amplified through sea-ice damming. *Communications Earth & Environment*, 2:70. https://doi.org/10.1038/s43247-021-00140-8.

17. Bradshaw, C.D., Langebroek, P.M., Lear, C.H., Lunt, D.J., **Coxall, H.K.,** Sosdian, S.M., de Boer, A.M., 2021. Hydrological impact of Middle Miocene Antarctic ice-free areas coupled to deep ocean temperatures. *Nature Geoscience*, 14:429-436. https://doi.org/10.1038/s41561-021-00745-w.

18. Hutchinson, D.K., **Coxall, H.K.**, Lunt, D.J., Steinthorsdottir, M., de Boer, A.M., Baatsen, M., von der Heydt, A., Huber, M., Kennedy-Asser, A.T., Kunzmann, L., Ladant, J.B., Lear, C.H., Moraweck, K., Pearson, P.N., Piga, E., Pound, M.J., Salzmann, U., Scher, H.D., Sijp, W.P., Śliwińska, K.K., Wilson, P.A., Zhang, Z., 2021. The Eocene–Oligocene transition: a review of marine and terrestrial proxy data, models and model–data comparisons. *Climate of the Past*, 17:269-315. https://cp.copernicus.org/articles/17/269/2021/

19. Lunt, D.J., Bragg, F., Chan, W.L., Hutchinson, D.K., Ladant, J.B., Morozova, P., Niezgodzki, I., Steinig, S., Zhang, Z., Zhu, J., Abe-Ouchi, A., Anagnostou, E., de Boer, A.M., **Coxall, H.K**., Donnadieu, Y., Foster, G., Inglis, G.N., Knorr, G., Langebroek, P.M., Lear, C.H., Lohmann, G., Poulsen, C J., Sepulchre, P., Tierney, J.E., Valdes, P.J., Volodin, E.M., Dunkley Jones, T., Hollis, C J., Huber, M., Otto-Bliesner, B.L., 2021. DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. *Climate of the Past*, 17:203-227. doi: 10.5194/cp-17-203-2021

20. Steinthorsdottir, M., **Coxall, H.K.,** de Boer, A.M., Huber, M., Barbolini, N., Bradshaw, C.D., Burls, N.J., Feakins, S.J., Gasson, E., Henderiks, J., Holbourn, A., Kiel, S., Kohn, M.J., Knorr, G., Kürschner, W.M., Lear, C.H., Liebrand, D., Lunt, D.J., Mörs, T., Pearson, P.N., Pound, M.J., Stoll, H., Strömberg, C.A.E., 2021. The Miocene: the Future of the Past. *Paleoceanography and Paleoclimatology*, 36. https://doi.org/https://doi.org/10.1029/2020PA004037

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21. Ao, H., Dupont-Nivet, G., Rohling, E.J., Zhang, P., Ladant, J.-B., Roberts, A.P., Licht, A., Liu, Q., Liu, Z., Dekkers, M.J., **Coxall, H.K.**, Jin, Z., Huang, C., Xiao, G., Poulsen, C.J., Barbolini, N., Meijer, N., Sun, Q., Qiang, X., Yao, J., An, Z., 2020. Orbital climate variability on the northeastern Tibetan Plateau across the Eocene–Oligocene transition. *Nature Communications* 11, 5249. https://doi.org/10.1038/s41467-020-18824-8

22. Cramwinckel, M.J., **Coxall, H.K.**, Śliwińska, K.K., Polling, M., Harper, D.T., Bijl, P.K., Brinkhuis, H., Eldrett, J.S., Houben, A. J. P., Peterse, F., Schouten, S., Reichart, G.-J., Zachos, J.C., Sluijs, A., 2020. A warm, stratified, and restricted Labrador Sea across the middle Eocene and its climatic optimum. *Paleoceanography and Paleoclimatology*, 35. https://doi.org/10.1029/2020PA003932

23. Edgar, K.M., Bohaty, S.M., **Coxall, H.K.,** Bown, P.R., Batenburg, S.J., Lear, C., Pearson, P.N., 2020. New composite bio- and isotope stratigraphies spanning the middle Eocene Climatic Optimum at tropical ODP Site 865 in the Pacific Ocean. *Journal of Micropalaeontology*, 39:117-138. https://doi.org/10.5194/jm-39-117-2020

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26. Jones, A.P., Dunkley Jones, T., **Coxall, H**., Pearson, P.N., Nala, D., Hoggett, M., 2019. Low-latitude calcareous nannofossil response in the Indo-Pacific Warm Pool across the Eocene-Oligocene Transition of Java, Indonesia. *Paleoceanography and Paleoclimatology*, 34:1833-1847. https://doi.org/10.1029/2019PA003597

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28. Hutchinson, D.K., **Coxall, H.K**., Caballero, R., Nilsson, J., O'Regan, M., de Boer, A.M., 2019. Arctic closure as a trigger for Atlantic overturning at the Eocene-Oligocene Transition. *Nature Communications*, 10. https://doi.org/10.1038/s41467-019-11828-z

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Abstracts (conference posters and oral presentations) * invited talks

1. Passchier, S., and the **IODP Exp 400 Scientists**, 2024. Sedimentology of Pliocene and Pleistocene glacially influenced drift sediments from the Northwest Greenland continental shelf: results from IODP Expedition 400, AGU Annual meeting, San Fransisco.
2. Burns, K., Frank, T.D., and the **IODP Exp 400 Scientists**, 2024. Origin and Significance of Detrital Carbonate Beds in Pleistocene Strata, Northwestern Greenland Margin, AGU Annual meeting, San Fransisco
3. Romans, B.W., Varela, N., F.S., and the **IODP Exp 400 Scientists**, 2024. Value of Levee-Overbank Turbidite Archives for Arctic and Antarctic Paleoceanography and Ice-Sheet History, AGU Annual meeting, San Fransisco.
4. Weitkamp, T.M., C., Vermassen, F., Hsiang, A., Bird, C., Darling, K., **Coxall, H.K**., 2024. Distribution of *Neogloboquadrina pachyderma* morphotypes in the Central Arctic Ocean – first clonal schizont event observed in the wild, TMS, Cologne, 2024.
5. Taylor, V.E., Piasecki, A.M., Bohaty, S.M., Wilson, P.A., **Coxall, H.K**., Meckler, A.N. 2024, Inter-basin comparison of deep ocean temperature change at the Eocene-Oligocene Transition, EGU General Assembly Vienna, Session CL1.1.4 – Past warm climate lessons to navigate into the future, Abstract: EGU24-12390, Poster
6. Sicard, M., de Boer, A.M., **Coxall, H.K.,** Koenigk, T., Karami, M.P., Jakobsson, M., O'Regan, M., 2024. Arctic sea-ice loss: Is the Last Interglacial (127 ka BP) a good analog of our future? EGU General Assembly Vienna, Session CL1.2.13 – Palaeoclimate modeling: from time-slices and sensitivity experiments to transient simulations into the future, Abstract: EGU24-5474, Talk
7. Weitkamp, T.M., Hsiang, A., Bird, C., Vermassen, F., Darling, K., **Coxall, H.K**., 2024. Identifying modern *Neogloboquadrina pachyderma* morphotypes from the Central Arctic Ocean through supervised machine learning – a comparison between water column and seafloor sediment populations, EGU General

Assembly Vienna. Session CL1.2.9, Arctic and Antarctic variability and change – climate processes and predictions from the geological past to the future, Abstract: EGU24-993, Poster

8. Naik, T.J., de Boer, A.M., **Coxall, H.K**., Burls, N.J., Bradshaw, C.D., Donnadieu, Y., Farnsworth, A., Frigola, A., Herold, N., Huber, M., Karami, M.P., Knorr, G., LeGrande, A.N., Lunt, D.J., Prange, M., Zhang, Y. Opportunistic Model Intercomparison of the Miocene Ocean Circulation – MioMIP, EGU General Assembly Vienna. Session CL1.1.1 Deep-time climate change and carbon cycling: insights from models and proxies, Abstract: EGU24-988, Poster

9. Knutz, P. C., Jennings, A. J., Childress, L.B. & Expedition 400 Science Party, 2024, A unique late Cenozoic archive of Greenland climate evolution recovered by IODP Expedition 400: Nordic Geological Winter, Gothenburg 10-12th January 2024.

10. Vermassen, F., O'Regan, M., de Boer, A., Schenk, F., Razmjooei, M., West, G., Cronin, M.T., Jakobsson, M., and **Coxall, H.K**., 2023, A seasonally ice-free Arctic Ocean during the Last Interglacial (MIS 5e): submitted to AGU Fall Meeting 2023, San Francisco, ID# 1308907

11. Knutz, P. C., Jennings, A. J., Childress, L.B. & Expedition 400 Science Party, 2024, A unique late Cenozoic archive of Greenland climate evolution recovered by IODP Expedition 400: Nordic Geological Winter, Gothenburg 10-12th January 2024

12. **Coxall, H.K.,** Vermassen, F., Cronin, T., Regnier, A., Darling, K., West, G., Husum, K., Voelker, A., Huber, B.T &, O'Regan, M. Genus *Turborotalita* in the Central Arctic Ocean: *quinqueloba, egelida* & *exumbilicata,* Forams 2023 26th-30th June, 2023, Perugia, Italy. Oral presentation

13. **Coxall, H.K.,** Vermassen, F., Cronin, T., Regnier, A., Darling, K., West, G., Husum, K., Voelker, A., Huber, B.T &, O'Regan, M. Taxonomy of *Turborotalita*. Neogene planktonic foraminifera working group meeting, Bremen, 8-9th November, 2022. Oral presentation.

14. Weitkamp T.M., Pearson P.N. & **Coxall H.K.** Upper Oligocene to Holocene planktonic foraminifera from DSDP Site 407, Reykjanes Ridge: towards a revised taxonomy of Neogene high-latitudes species. Forams 2023 26th-30th June, 2023, Perugia, Italy. Poster.

15. **Coxall, H.K.,** Pearson, P-N., Huber, B.T, Cramwinckel, M., Vermassen, V., Handl, T., Ezard, E. Plankton life history evolution reveals adaptation to Eocene cooling: a case study of the hantkeninids, Goldschmidt 2022, Hawaii, 10-15 July. (Invited Keynote speaker)

16. Martens, J., Hurley, S., **Coxall, H. K.**, O'Regan, M., Vermassen, F., and Hönisch, B., Arctic Ocean acidification during past warming periods based on $\delta^{11}B$ in planktic foraminifera in Arctic sediment records, Poster Presentation, Gordon Research Conference, Polar Marine Science, Ventura, California, 2023.

17. Slater, S.M, John, E.H., Buse, B., Bradshaw, C., Nederbragt, A., **Coxall, H.K.,** Lear, C., 2023, Geochemical Insights into Antarctic Glaciation at the Eocene-Oligocene Transition, Abstract ID: 18622, Submitted to Session 13i: Ocean circulation, carbon and climate: Perspectives from proxies and models (poster).

18. Slater, S.M, **Coxall, H.K.,** Nederbragt, A., Bradshaw, C., Lear, C., 2023, Southern Ocean Response to Antarctic Glaciation at the Eocene Oligocene Transition, Sea level change in the past, present and future, The Geological Society thematic conference, London, UK, Feb 5-7th (poster).

19. Śliwińska, K.K., Hutchinson, D.K., Varma, D., Weitkamp, T., Shelden, E., Liebrand, D., **Coxall, H.K**., de Boer, A.M., Schouten, S. 2023. EGU General Assembly Vienna, Sea surface temperature evolution of the North Atlantic Ocean across the Eocene-Oligocene Transition, SSP2.2 – Paleoceanography and paleoclimate throughout Earth History (Abstract no. EGU23-8831)

20. Martens, J., Hurley, S., **Coxall, H. K.,** O'Regan, M., Vermassen, F., & Hönisch, B., 2022, Arctic Ocean pH history of the past 140,000 years based on $\delta^{11}B$ in planktic foraminifera and microbial biomarkers in sediment records, AGU Fall Meeting 2022, San Francisco.

21. ***Coxall, H.K.** & De Boer, A.M., Modes of overturning circulation through the early Cenozoic: a tentative history, International Conference on Palaeoceanography (ICP14), Bergen 27 Aug -2 September, 2022

22. Anderson, L., **Coxall, H.K.,** Hönisch, B., A multi-million-year reconstruction of atmospheric CO_2 from the late Eocene "Warmhouse" to the Oligocene "Coolhouse", International Conference on Palaeoceanogrpahy (ICP14), Bergen 27 Aug -2 September, 2022

23. Weitkamp, T.M., Williams, R.W**., Coxall, H.K**., and Śliwińska, K.K., 2022, Stratigraphy and palaeoenvironmental changes across the Eocene – Oligocene succession in the Labrador Sea (DSDP Site 112) elucidated with dinocysts, International Conference on Palaeoceanogrpahy (ICP14), Bergen 27 Aug -2 September, 2022

24. ***Coxall, H.K.,** Pearson, P.N. P., Huber, B.T., Cramwinckel, Vermassen, F., Handl, Tamara, Ezard, T.H.G., Plankton life history evolution reveals adaptation to Eocene cooling: a case study of the hantkeninids, Goldschmidt 2022, Hawaii, 10-15 July. (Invited Keynote speaker)

25. Vermassen, F., O'Regan, M., de Boer, A., West, G., **Coxall, H.K**., 2022. A seasonally ice-free Arctic Ocean during the Last Interglacial, EGU General Assembly Vienna. Session submitted to SSP2.4 – Polar climate and environmental change throughout geological time (EGU22-10379).

26. ***Coxall, H.K.**, 2021. Modes of overturning circulation through the Cenozoic, Lamont-Doherty Earth Observatory, Colloquium Zoom seminar.

27. Vermassen, F., O'Regan, M.O., **Coxall, H.K.**, 2021. Testing the synchronicity of Pleistocene biostratigraphic events in the central Arctic; Do we have a consistent biostratigraphic framework? 2021, EGU 2021 Session SSP2.12 – Polar climate and environmental change throughout geological time (EGU21-8345)

28. Thomas-Sparkes, A.V., Lear, C.H., **Coxall, H.K.**, Millet, M.-A., Taylor, V.E., van de Flierdt, T., von der Heydt, A.S., Wilson, P.A., 2020. Cascading tipping elements at Earth's Greenhouse-Icehouse Transition, AGU Fall Meeting 2020, San Francisco.

29. Regnier, A.M., Cronin, T M., Lockwood, R., Robinson, M.M., Dowsett, H.J., O'Regan, M., **Coxall, H**., 2020. Peak warming during marine isotope stage 11 in the Arctic Ocean based on planktic foraminifera, Geological Society of America, Joint 69th Annual Southeastern / 55th Annual Northeastern Section Meeting. 22-25 September, Volume Paper No. 32-9: Phoenix, Arizona.

30. Holmström, M., **Coxall, H.K**., Liebrand, D., Taylor, V.E., Wilson, P.A., Bohaty, S.M., 2019. Northwest Atlantic climate variability during the Eocene-Oligocene Climate Transition. The Micropalaeontological Society Annual meeting.

31. Regnier, A.M., Cronin, T.M., Robinson, M.M., **Coxall, H.K.,** Lockwood, R., Dowsett, H.J., O'Regan, M., 2019. Arctic Ocean warming during Marine Isotope Stage 11 based on planktic foraminifera. AGU abstract ID#: 490381.

32. Birch, H., Schmidt, D.N., **Coxall, H.K.,** Pearson, P.N., Ridgwell, A., 2018. K/Pg Mass Extinction: Recovery of planktonic foraminifera size and diversity. Abstract #PP54B-07, AGU Fall Meeting, Washington D.C. USA.

33. Hutchinson, D.K., De Boer, A.M., **Coxall, H.K.**, Caballero, R., Nilsson, J., O'Regan, A.M., 2018. An Arctic gateway trigger for Atlantic overturning at the Eocene-Oligocene Transition, Abstract #PP13E-1366, AGU Fall Meeting, Washington D.C. USA, 2018.

34. Holmström, M. **Coxall, H**., Wilson, P., Bohaty, S., 2018. North Atlantic climate variability during the Eocene-Oligocene climate transition: high-resolution benthic foraminiferal stable isotope results from IODP Site U1411, Newfoundland margin. UK-IODP Forum.

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36. **Coxall, H.K.**, 2018. Eocene-early Oligocene North Atlantic Ocean circulation: latest proxy insights; (oral presentation), DeepMIP Conference, Bristol, UK, 4-6 July 2018.

37. **Coxall, H.K.**, Carlson, V., Cronin, T., Darling, K., O'Regan, M., 2018. The planktic foraminifera genus *Turborotalita* in the Central Arctic Ocean. Forams 2018 Conference, 18-22 June 2018, Edinburgh, UK. Abstract 106929003.

38. **Jakobsson, M,** et al., 2017. The deglacial to Holocene paleoceanography of Bering Strait: Results from the SWERUS-C3 Program. AGU 2017 abstract.

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40. Hutchinson, D., de Boer, **Coxall, H**., Caballero, R., Nilsson, J., 2017. Modelling the onset of North Atlantic Deep Water formation across the Eocene-Oligocene Transition, palaeoclimate modelling Intercomparison Project 4 meeting (PMIP4), Stockholm, September, 2017.

41. Hutchinson, D., de Boer, **Coxall, H**., Caballero, R., Nilsson, J., 2017. Modelling the onset of North Atlantic Deep Water formation across the Eocene-Oligocene Transition, IAPSO, August, 2017.

42. Holmström, M. Bohaty, S., Wilson, P. **Coxall, H**., 2016. North Atlantic planktic foraminifera turnover and upper ocean structure during the Eocene-Oligocene transition: insights from the Newfoundland margin, International Conference on Palaeoceanogrpahy (ICP12), Utrect, 29-2 September, 2016.

43. Barrientos, N., Lear, C., Jakobsson, M., Stranne, C., O'Regan, M., Gukov, A., **Coxall, H.**, 2016. Benthic foraminifera Mg/Ca paleothermometry in the Arctic Ocean, International Conference on Palaeoceanogrpahy (ICP12), Utrect, 29-2 September, 2016.

44. Legarda, A., Bordiga, M., Mancin, N., **Coxall, H.**, Henderiks, J., Arenillas, I., Molina, E., 2016. Disentangling Eocene/Oligocene ocean changes using three different microfossil groups in the North Atlantic ocean, International Conference on Palaeoceanogrpahy (ICP12), Utrect, 29-2 September, 2016.

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47. Hilton, R. G., Galy, V., Gaillardet, J., Dellinger, M., Bryant, C., O'Regan, M., Grocke, D. R., **Coxall, H.,** Bouchez, J., Calmels, D., 2015. Erosion of soil organic carbon at high latitudes and its delivery to Arctic Ocean sediments: New source to sink insight from radiocarbon dating. EGU Meeting Vienna BG4.4/SSS12.20.

48. Sliwinska K., **Coxall, H**., Schouten, S., 2016. Late Eocene sea surface cooling of the western North Atlantic (ODP Site 647A) EGU meeting 2016 CL1.09/CR5.7/ GD6.4/OS1.18/SSP1.4/TS5.5 Geophysical Research Abstracts Vol. 18, EGU2016-13480.

49. Pearce, C. et al., 2016. High resolution Holocene sea ice records from Herald Canyon, Chukchi Sea, EGU Meeting Vienna 2016, CL4.01/OS1.17.

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