

Prof. ROBERT MARCHANT
Professor
Environment and Geography
York Environmental Sustainability Inst
Email: robert.marchant@york.ac.uk
Phone: (01904) 324061



Research interests

Climate change, Tropical ecology, Conservation, Ecosystem dynamics, Development

Employment

Senior Lecturer

Senior lecturer
Environment and Geography
University of York
Heslington, York
1 Sept 2009 → 30 Sept 2011

Reader

Reader
Environment and Geography
University of York
Heslington, York
1 Oct 2011 → 30 Sept 2017

Senior Research Fellow

Environment and Geography
University of York
Heslington, York
1 Jan 2008 → 31 Aug 2009

Research Fellow

Environment and Geography
University of York
Heslington, York
1 Sept 2005 → 31 Dec 2007

Associate Provost

Reader
Vice Chancellor's Office
University of York
Heslington, York
1 Sept 2016 → 30 Sept 2017

Professor

Professor
Environment and Geography
University of York
Heslington, York
1 Oct 2017 → present

Associate Provost

Professor
Vice Chancellor's Office
University of York
Heslington, York
1 Oct 2017 → 31 Aug 2018

YESI Research Theme Lead

Professor
York Environmental Sustainability Inst
University of York
Heslington, York
8 Jul 2024 → 7 Jul 2027

External PhD supervisor

Natl Museums Kenya, Dept Earth Sci, Palynol & Palaeobot Sect
1 Sept 2011 → present

Research output

Understanding policy alignment in addressing hydrological hazards in the Niger Delta region, Nigeria

Agumagu, O. O., Marchant, R. & Stringer, L. C., 25 Mar 2026, In: PLOS ONE. 21, 3, 18 p., e0345583.

Community perceptions on conservation management and sustainability around the protected area reserves in Nasarawa State, North Central Nigeria

Chunwate, B. T., Marchant, R. A., Jew, E. K. K. & Stringer, L. C., 1 Mar 2026, In: Environmental Development. 58, 101440.

Understanding community perceptions of the importance of ecosystem services from gazetted forests

Chunwate, B. T., Marchant, R. A., Jew, E. K. K. & Stringer, L. C., 12 Nov 2025, (E-pub ahead of print) In: Community Development.

Forest cover and land use change trajectories within gazetted forest reserves in Nasarawa State, North Central Nigeria (1966–2020)

Chunwate, B. T., Marchant, R. A., Jew, E. K. K. & Stringer, L. C., 1 Sept 2025, In: Trees, Forests and People. 21, 18 p., 100963.

Advancing transdisciplinary research on Madagascar's grassy biomes to support resilience in ecosystems and livelihoods

Phelps, L. N., Razanatsoa, E., Davis, D. S., Hackel, J., Rasolondrainy, T., Tiley, G. P., Burney, D., Cox, R., Godfrey, L., Hempson, G. P., Hixon, S., Anderman, T., Andriambololona, S., Andriamiarisoa, L. R., Anotnelli, A., Besnard, G., Birkinshaw, C., Bond, W., Chikhi, L. & Fernández-García, V. & 39 others, Gillson, L., Haberle, S., Hansford, J., Joseph, G., Kull, C. A., Mangut, C. L., Marchant, R., Montade, V., Pham, K. V., Rabehevitra, D., Radespiel, U., Raharimampionona, J., Rajaonah, M. T., Rakotomalala, N., Ramiadantsoa, T., Ramiandrisoa, B. A., Ranarijaona, H. L. T., Randriamboavonjy, T., Randrianarimanana, F., Randriatsara, F., Ratsirarson, J., Razafimanantsoa, A. H. I., Salmona, J., Samonds, K., Scropton, N., Seymour, C., Steffens, T. S., Teixeira, H., Voarintsoa, N. R. G., Waeber, P. O., Wilmé, L., Yoder, A. D., Fisher, E. C., Solofondranohatra, C., van Elst, T., Cowley, B., Douglass, K., Vorontsova, M. S. & Lehmann, C. S., 15 Jul 2025, In: Ecological Monographs. 95, 2, 33 p., e70011.

Understanding Local Perspectives on the Trajectory and Drivers of Gazetted Forest Reserve Change in Nasarawa State, North Central Nigeria

Chunwate, B. T., Marchant, R., Jew, E. & Stringer, L. C., 11 Jul 2025, In: Land. 14, 7, 29 p., 1450.

Exploring testate amoebae as taxonomic and functional bioindicators to inform peatland habitat status and blanket bog restoration

Liu, B., Heinemeyer, A., Marchant, R. & Mills, R. T. E., 1 Jul 2025, In: Soil Biology and Biochemistry. 206, 109790.

Using 3D pollen models and participatory palaeoecology to connect people with intangible palaeoenvironmental records.
Wilson, O. J. & Marchant, R., 30 Jun 2025, In: Quaternary Newsletter. 165, p. 41-47 7 p.

Are vulnerable neighbourhoods left behind? Urban cooling disparities from greenspace inequality in Antananarivo, Madagascar

Han, R., Marchant, R. & Thorn, J. P. R., 1 Jun 2025, In: Urban Climate. 61, 102467.

A methodological framework for assessing development solutions: application to wood fuel challenges in Nigeria

Carr, J. A., Barau, A. S., Jew, E. K. K., Kirshner, J. D., Marchant, R. A., Salisu, A. T., Petrokofsky, G., Tomei, J. & Stringer, L. C., 16 Apr 2025, In: Scientific reports. 15, 1, 13 p., 13072.

Land Use and Land Cover Change Dynamics in the Niger Delta Region of Nigeria from 1986 to 2024

Agumagu, O. O., Marchant, R. & Stringer, L. C., 3 Apr 2025, In: Land. 14, 4, 765.

Exploring optimal sampling strategy of testate amoebae as hydrological bioindicators in UK upland peatlands

Liu, B., Heinemeyer, A., Marchant, R. & Mills, R. T., Nov 2024, In: Journal of Environmental Management. 370, 122959.

Freeing imagination for fair and resilient future cities

Comelli, T., Ensor, J., Filippi, M. E., Hope, M., Marchant, R., Pelling, M. & Thorn, J., 29 Aug 2024, In: Nature Cities. 1, 9, p. 536-539 4 p.

A-Z of cost-effective adaptation strategies to the impact of climate change among crop farmers in West Africa

Marchant, R., Touza, J., Onyekuru, N. A., Ume, C., Chiemela, C., Onyia, C., Eboh, E. C. & Eze, C. C., 1 Aug 2024, In: Environment, Development and Sustainability. 26, p. 20311-2033 22 p.

Global disparities in wellbeing from green infrastructure cooling services: A systematic review

Marchant, R., 1 Jul 2024, In: Urban Forestry and Urban Greening.

Unveiling 4500 years of environmental dynamics and human activity at Songo Mnara, Tanzania

Englong, A., Punwong, P., Seelanan, T., Marchant, R., Wynne-Jones, S., Jirapinyakul, A. & Fleisher, J., 1 Jun 2024, In: Quaternary Science Advances. 14, 18 p., 100192.

Projected future climatic forcing on the global distribution of vegetation types

Allen, B. J., Hill, D. J., Burke, A., Clark, M., Marchant, R., Stringer, L. C., Williams, D. R. & Lyon, C. J., 27 May 2024, In: Philosophical Transactions of the Royal Society B: Biological Sciences. 379, 1902, 10 p., 20230011.

Pathways from research to sustainable development: Insights from ten research projects in sustainability and resilience

Marchant, R., 1 Apr 2024, In: AMBIO: A Journal of the Human Environment. 53, p. 517-533 17 p.

The forgotten bread oven: Local bakeries, forests and energy transition in Nigeria

Salisu, A. T., Salisu Barau, A., Carr, J. A., Chunwate, B. T., Jew, E., Kirshner, J. D., Marchant, R., Tomei, J. & Stringer, L. C., 13 Mar 2024, In: Regional Environmental Change. 24, 12 p., 40.

Assessing two decades of change across the Eco-Regions of West Africa using remote sensing technology

Marchant, R., Makinde, E. O. & Salami, J. T., Mar 2024, In: Scientific African. 12 p., e02056.

The bii4africa dataset of faunal and floral population intactness estimates across Africa's major land uses

Marchant, R., 12 Feb 2024, In: Scientific data. 11, 17 p., 191.

'Kesho' Scenario Development for Supporting Water-Energy Food Security under Future Conditions in Zanzibar

Marchant, R., Newman, R., Enns, C., Capitani, C., Thorn, J. P. R., Courtney-Mustaphi, C. J., Buckton, S., Om, E., Fazey, I. R. A., Haji, T. A., Nchimbi, A. Y. & Kariuki, R., 5 Feb 2024, In: Land. 13, 2, 26 p., 195.

In memory of Dr Tobias Nyumba

Marchant, R., 2 Nov 2023, In: Conservation Science and Practice. 5, 11

Inequitable gains and losses from conservation in a global biodiversity hotspot

Platts, P. J., Schaafsma, M., Green, J. M. H. & Marchant, R., 17 Aug 2023, (E-pub ahead of print) In: Environmental & Resource Economics. 25 p.

A people-centred framework for exploring water, energy and food security in a small developing island

Newman, R., Thorn, J. P. R., Haji, T. A., Nchimbi, A. Y., Musa, I., Enns, C. & Marchant, R., 20 Jul 2023, In: Population and Environment. 45, 29 p., 14.

Late Pleistocene montane forest fire return interval estimates from Mount Kenya

Marchant, R. & Courtney-Mustaphi, C. J., 30 Mar 2023, In: Journal of Quaternary Science. 38, 2, 14 p.

High-Resolution Multiproxy Record of Environmental Changes and Anthropogenic Activities at Unguja Ukuu, Zanzibar, Tanzania during the Last 5000 Years

Englong, A., Punwong, P., Marchant, R., Seelanan, T., Wynne-Jones, S. & Chirawatkul, P., 13 Mar 2023, In: Quaternary. 6, 1, 27 p., 21.

The African Development Corridors Database: a new tool to assess the impacts of infrastructure investments

Marchant, R. & Thorn, J. P. R., 9 Nov 2022, In: Scientific data. 9, 11 p., 679.

Indirect impacts of commercial gold mining on adjacent ecosystems

Marchant, R., Seki, H. & Platts, P. J., 1 Nov 2022, In: Biodiversity and Conservation. 275, 12 p., 109782.

Serengeti's futures: Exploring land use and land cover change scenarios to craft pathways for meeting conservation and development goals

Marchant, R. & Courtney-Mustaphi, C. J., 23 Sept 2022, In: Frontiers in Conservation Science. 3, 21 p., 920143.

Developing Transdisciplinary Approaches to Sustainability Challenges: The Need to Model Socio-Environmental Systems in the Longue Durée

Marchant, R., 17 Aug 2022, In: Sustainability. 14, 16, 20 p., 10234.

Special Issue Editorial: Mountains under Pressure

Marchant, R. & Cuni Sanchez, A., 10 Aug 2022, In: Land. 11, 8, 5 p., 1283.

Assessing the Underlying Drivers of Change over Two Decades of Land Use and Land Cover Dynamics along the Standard Gauge Railway Corridor, Kenya

Marchant, R., Nyumba, T. & Thorn, J., 19 May 2022, In: Sustainability. 14, 10, 21 p., 6158.

Climate change and hunter-gatherers in montane eastern DR Congo

Batumike, R., Bulonvu, F., Imani, G., Akonkwa, D., Gahigi, A., Klein, J. A., Marchant, R. & Cuni Sanchez, A., 1 May 2022, In: Climate and Development. 14, 5, p. 431-442 12 p.

Documenting a thousand years of environmental and anthropogenic changes on mangroves on the Bangkok coast, the upper Gulf of Thailand

Marchant, R. & Punwong, P., 19 Mar 2022, (E-pub ahead of print) In: Vegetation History and Archaeobotany. 18 p.

Late Holocene environmental change and anthropogenic: Ecosystem interaction on the Laikipia Plateau, Kenya

Muiruri, V., Marchant, R., Rucina, S. M., Scott, L. & Lane, P. J., Mar 2022, In: AMBIO: A Journal of the Human Environment. 51, 3, p. 785-798 14 p.

Pharmaceutical pollution of the world's rivers

Wilkinson, J. L., Boxall, A. B. A., Kolpin, D. W., Leung, K. M. Y., Lai, R. W. S., Galbán-Malagón, C., Adell, A. D., Mondon, J., Metian, M., Marchant, R. A., Bouzas-Monroy, A., Cuni-Sanchez, A., Coors, A., Carriquiriborde, P., Rojo, M., Gordon, C., Cara, M., Moermond, M., Luarte, T. & Petrosyan, V. & 107 others, Perikhyanyan, Y., Mahon, C. S., McGurk, C. J., Hofmann, T., Kormoker, T., Iniguez, V., Guzman-Otazo, J., Tavares, J. L., Gildasio De Figueiredo, F., Razzolini, M. T. P., Dougnon, V., Gbaguidi, G., Traoré, O., Blais, J. M., Kimpe, L. E., Wong, M., Wong, D., Ntchantcho, R., Pizarro, J., Ying, G.-G., Chen, C.-E., Páez, M., Martínez-Lara, J., Otamonga, J.-P., Poté, J., Ifo, S. A., Wilson, P., Echeverría-Sáenz, S., Udikovic-Kolic, N., Milakovic, M., Fatta-Kassinou, D., Ioannou-Ttota, L., Belušová, V., Vymazal, J., Cárdenas-Bustamante, M., Kassa, B. A., Garric, J., Chaumot, A., Gibba, P., Kunchulia, I., Seidensticker, S., Lyberatos, G., Halldórsson, H. P., Melling, M., Shashidhar, T., Lamba, M., Nastiti, A., Supriatin, A., Pourang, N., Abedini, A., Abdullah, O., Gharbia, S. S., Pilla, F., Chefetz, B., Topaz, T., Yao, K. M., Aubakirova, B., Beisenova, R., Olaka, L., Mulu, J. K., Chatanga, P., Ntuli, V., Blama, N. T., Sherif, S., Aris, A. Z., Looi, L. J., Niang, M., Traore, S. T., Oldenkamp, R., Ogunbanwo, O., Ashfaq, M., Iqbal, M., Abdeen, Z., O'Dea, A., Morales-Saldaña, J. M., Custodio, M., de la Cruz, H., Navarrete, I., Carvalho, F., Gogra, A. B., Koroma, B. M., Cerkvenik-Flajs, V., Gombač, M., Thwala, M., Choi, K., Kang, H., Ladu, J. L. C., Rico, A., Amerasinghe, P., Sobek, A., Horlitz, G., Zenker, A. K., King, A. C., Jiang, J.-J., Kariuki, R., Tumbo, M., Tezel, U., Onay, T. T., Lejju, J. B., Vystavna, Y., Vergeles, Y., Heinzen, H., Pérez-Parada, A., Sims, D. B., Figy, M., Good, D. & Teta, C., 22 Feb 2022, In: *Proceedings of the National Academy of Sciences of the United States of America*. 119, 8, 10 p., e2113947119.

Trade-offs and synergies of ecosystem services in the Yangtze River Delta, China: response to urbanizing variation

Chen, S., Li, G., Zhuo, Y., Xu, Z., Ye, Y., Thorn, J. P. R. & Marchant, R., Feb 2022, In: *Urban Ecosystems*. 25, 1, p. 313-328

East Africa's Human Environment Interactions: Historical Perspectives for a Sustainable Future

Marchant, R., 14 Jan 2022, Springer Nature Switzerland. 411 p.

Climate change research and action must look beyond 2100

Lyon, C., Saupe, E. E., Smith, C. J., Hill, D. J., Beckerman, A. P., Stringer, L. C., Marchant, R., McKay, J., Burke, A., O'Higgins, P., Dunhill, A. M., Allen, B. J., Riel-Salvatore, J. & Aze, T., 1 Jan 2022, In: *Global Change Biology*. 28, 2, p. 349-361 13 p.

Mainstreaming nature-based solutions for climate resilient infrastructure in peri-urban sub-Saharan Africa

Thorn, J. P. R., Biancardi Aleu, R., Wijesinghe, A., Mdongwe, M., Marchant, R. A. & Shackleton, S., Dec 2021, In: *Landscape and urban planning*. 216, 15 p., 104235.

A palaeovegetation and diatom record of tropical montane forest fire, vegetation and hydroseral changes on Mount Kenya from 27,000–16,500 cal yr BP

Courtney Mustaphi, C. J., Rucina, S. M., King, L., Selby, K. & Marchant, R., 1 Nov 2021, In: *Palaeogeography, Palaeoclimatology, Palaeoecology*. 581, 14 p., 110625.

Combining Remote Sensing and Species Distribution Modelling to Assess *Pinus hartwegii* Response to Climate Change and Land Use from Izta-Popo National Park, Mexico

García-Amorena, I., Moreno-Amat, E., Aulló-Maestro, M. E., Mateo-Sánchez, M. C., Merino-De-Miguel, S., Ribalaygua, J. & Marchant, R., 2 Oct 2021, In: *Land*. 10, 10, 20 p., 1037.

Local Perceptions of Climate Change and Adaptation Responses from Two Mountain Regions in Tanzania

Kaganzi, K., Cuni Sanchez, A., Mcharazo, F., Martin, E., Marchant, R. & Thorn, J. P. R., 23 Sept 2021, In: *Land*. 10, 10, 999.

Sedimentological, palynological and charcoal analyses of the hydric palustrine sediments from the Lielerai-Kimana wetlands, Kajiado, southern Kenya

Githumbi, E. N., Courtney Mustaphi, C. J. & Marchant, R., 20 Sept 2021, *Quaternary Vegetation Dynamics – The African Pollen Database*. CRC Press, (Palaeoecology of Africa).

Climate Change in Eastern Africa

Marchant, R., 1 Sept 2021, *African History*. Oxford University Press

High aboveground carbon stock of African tropical montane forests

Cuni Sanchez, A., Sullivan, M., Platts, P. J., Lewis, S. L., Marchant, R., Imani, G., Hubau, W., Abiem, I., Adhikari, H., Albrecht, T., Altman, J., Amani, C., Aneseyee, A. B., Avitabile, V., Banin, L., Batumike, R., Bauters, M., Beeckman, H., Begne, S. K. & Bennett, A. C. & 82 others, Bitariho, R., Boeckx, P., Bogaert, J., Bräuning, A., Bulonvu, F., Burgess, N. D., Calders, K., Chapman, C., Chapman, H., Comiskey, J., de Haulleville, T., Decuyper, M., DeVries, B., Dolezal, J., Droissart, V., Ewango, C., Feyera, S., Gebrekristos, A., Gereau, R. E., Gilpin, M., Hakizimana, D., Hall, J., Hamilton, A., Hardy, O., Hart, T., Heiskanen, J., Hemp, A., Herold, M., Hiltner, U., Horak, D., Kamdem, M.-N., Kayijamahe, C., Kenfack, D., Kinyanjui, M. J., Klein, J., Lisingo, J., Lovett, J., Lung, M., Makana, J.-R., Malhi, Y., Marshall, A., Martin, E. H., Mitchard, E. T. A., Morel, A., Mukendi, J. T., Muller, T., Nchu, F., Nyirambangutse, B., Okello, J., Peh, K. S.-H., Pellikka, P. K. E., Phillips, O. L., Plumptre, A., Qie, L., Rovero, F., Sainge, M. N., Schmitt, C. B., Sedlacek, O., Ngute, A. S. K., Sheil, D., Sheleme, D., Simegn, T. Y., Simo-Droissart, M., Sonké, B., Soromessa, T., Sunderland, T., Svoboda, M., Taedoumg, H., Taplin, J., Taylor, D., Thomas, S. C., Timberlake, J., Tuagben, D., Umunay, P., Uzabaho, E., Verbeeck, H., Vleminckx, J., Wallin, G., Wheeler, C., Willcock, S., Woods, J. T. & Zibera, E., 25 Aug 2021, In: *Nature*. 596, p. 536-542 7 p.

COP26 as an opportunity to further democratise the Green Climate Fund

Omukuti, J., Marchant, R. & White, P. C. L., 11 Aug 2021, In: *The Lancet Planetary Health*. 5, 8

Tree diversity and carbon stocks in the Itombwe Mountains of eastern DR Congo

Marchant, R., 1 Aug 2021, In: *Biotropica*. 53, 6, p. 1594-1605 12 p.

Scenario archetypes reveal risks and opportunities for global mountain futures

Thorn, J. P. R., Klein, J. A., Steger, C., Hopping, K. A., Capitani, C., Tucker, C. M., Reid, R. S. & Marchant, R., Jul 2021, In: *Global Environmental Change*. 69, 14 p., 102291.

Climate Change, Perceptions, and Adaptation Responses Among Farmers and Pastoralists in the Cameroon Highlands

Marchant, R., 13 Jun 2021, *Handbook of Climate Change Management : Research, Leadership, Transformation*. Springer, p. 3971-3984

Mountain Observatories: Status and Prospects for Enhancing and Connecting a Global Community

Marchant, R., 2 Jun 2021, In: *Mountain Research and Development*. 41, 2, p. A1-A15 15 p.

Survey of Africa's tropical montane forests assesses ecosystem services potential

Marchant, R., Jun 2021, *CORDIS*.

Detecting and predicting forest degradation: A comparison of ground surveys and remote sensing in Tanzanian forests

Ahrends, A., Bulling, M., Platts, P. J., Swetnam, R. D., Ryan, C., Doggart, N., Hollingsworth, P. M., Marchant, R., Balmford, A., Harris, D. J., Gross-Camp, N., Sumbi, P., Munishi, P. K. T., Madoffe, S., Mhoro, B. E., Leonard, C., Bracebridge, C., Doody, K., Wilkins, V. & Owen, N. & 8 others, Marshall, A., Schaafsma, M., Pflieger, K., Jones, T., Robinson, J., Topp-Jorgensen, E. J., Brink, H. & Burgess, N. D., 27 Apr 2021, In: *Plants, People, Planet*. 3, p. 268-281 14 p.

Science with society: Evidence-based guidance for best practices in environmental transdisciplinary work

Steger, C., Klein, J. A., Reid, R. S., Lavorel, S., Tucker, C., Hopping, K. A., Marchant, R., Teel, T., Cuni-Sanchez, A., Dorji, T., Greenwood, G., Huber, R., Kassam, K. A., Kreuer, D., Nolin, A., Russell, A., Sharp, J. L., Šmid Hribar, M., Thorn, J. P. R. & Grant, G. & 3 others, Mahdi, M., Moreno, M. & Waiswa, D., 5 Mar 2021, (E-pub ahead of print) In: *Global Environmental Change*. 68, 102240.

Dryland nature based solutions for informal settlement upgrading schemes in Africa

Thorn, J. P. R., Hejnowicz, A. P., Marchant, R., Ajala, O. A., Delgado, G., Shackleton, S., Kavonic, J. & Cinderby, S., 1 Feb 2021, 10 p. *ICLEI Africa*.

Socially inclusive and innovative policy making for climate resilient urban strategies for informal settlements in dryland Africa

Thorn, J. P. R., Hejnowicz, A. P., Kavonic, J., Marchant, R., Shackleton, S., Delgado, G., Ajala, O. A., Mueller, A. & Cinderby, S., 1 Feb 2021, 10 p. *ICLEI Africa*.

A million year vegetation history and palaeoenvironmental record from the Lake Magadi Basin, Kenya Rift Valley

Muiruri, V., Owen, R. B., Lowenstein, T. K., Renaut, R. W., Marchant, R., Rucina, S. M., Cohen, A., Deino, A. L., Sier, M. J., Luo, S., Leet, K., Campisano, C., Rabideaux, N. M., Deocampo, D., Shen, C.-C., Mbuthia, A., Davis, B. C., Aldossari, W. & Wang, C., 26 Jan 2021, In: *Palaeogeography palaeoclimatology palaeoecology*. 567, 110247.

Late Pleistocene and Holocene Afromontane vegetation and headwater wetland dynamics within the Eastern Mau Forest, Kenya

Githumbi, E. N., Courtney Mustaphi, C. J. & Marchant, R., 11 Jan 2021, In: *Journal of Quaternary Science*. 36, 2, p. 239-254 16 p.

Assessing Interactions between Agriculture, Livestock Grazing and Wildlife Conservation Land Uses: A Historical Example from East Africa

Marchant, R., 6 Jan 2021, In: *Land*. 10, 1, 12 p., 46.

Assessing the impacts of land use and climate interactions on beekeeping livelihoods in the Taita Hills, Kenya

Stormes Newman, R. J., Marchant, R., Enns, C. & Capitani, C., 22 Dec 2020, In: *Development in Practice*. 31, 4

Climate-human-landscape interaction in the eastern foothills of Mt. Kilimanjaro (equatorial East Africa) during the last two millennia

Marchant, R., 20 Dec 2020, In: *The Holocene*. p. 1-14 14 p.

The effects of seaward distance on above and below ground carbon stocks in estuarine mangrove ecosystems

Marchant, R., De Jong Cleyndert, G., Cuni Sanchez, A., Seki, H., Shirima, D., Munishi, P. K. T., Burgess, N. & Calders, K., 7 Dec 2020, In: *Carbon Balance and Management*. 15 p., 27.

A systematic review of participatory scenario planning to envision mountain social-ecological systems futures

Thorn, J. P. R., Klein, J. A., Steger, C., Hopping, K. A., Capitani, C., Tucker, C. M., Nolin, A. W., Reid, R., Seidl, R., Chitale, V. & Marchant, R., 1 Sept 2020, In: *Ecology and Society*. 25, 3, 21 p., 6.

Asymmetric response of forest and grassy biomes to climate variability across the African Humid Period: influenced by anthropogenic disturbance?

Phelps, L. N., Chevalier, M., Shanahan, T. M., Aleman, J. C., Courtney-Mustaphi, C., Kiahtipes, C. A., Broennimann, O., Marchant, R., Shekeine, J., Quick, L. J., Davis, B. A. S., Guisan, A. & Manning, K., 31 Jul 2020, In: *Ecography*. 43, 8, p. 1118-1142 25 p.

IPCC WGII Sixth Assessment Report Cross-Chapter Paper 5: Mountains

Marchant, R., 15 Jun 2020, *IPCC AR6*. Cambridge University Press

Conceptualising the Global Forest Response to Liana Proliferation

Marshall, A., Platts, P. J., Chazdon, R., Seki, H., Campbell, M., Phillips, O. L., Gereau, R. E., Marchant, R., Liang, J., Malhi, Y. & Pfeifer, M., 24 Apr 2020, In: *Frontiers in Forests and Global Change*. 3, 21 p., 35.

Games as boundary objects: charting trade-offs in sustainable livestock transformation

Morris, J., Ensor, J., Pfeifer, C., Marchant, R., Mulatu, D. W., Soka, G., Ouédraogo-Koné, S., Wakeyo, M. B. & Topi, C., 27 Mar 2020, (E-pub ahead of print) In: *International Journal of Agricultural Sustainability*. 24 p.

Integrating insights from social-ecological interactions into sustainable land use change scenarios for small Islands in the western Indian ocean

Newman, R. J. S., Capitani, C., Courtney-Mustaphi, C., Thorn, J. P. R., Kariuki, R., Enns, C. & Marchant, R., 12 Feb 2020, In: *Sustainability (Switzerland)*. 12, 4, 22 p., 1340.

Social Perceptions of Forest Ecosystem Services in the Democratic Republic of Congo

Cuni Sanchez, A. & Marchant, R., 4 Dec 2019, In: *Human Ecology*. 15 p.

Using the Past to Inform a Sustainable Future: Palaeoecological Insights from East Africa

Githumbi, E., Marchant, R. & Olago, D., 11 Nov 2019, *Africa and the Sustainable Development Goals: Africa and the Sustainable Development Goals, Sustainable Development Goals Series*. Springer, p. 187-195 9 p.

Integrating evidence of land use and land cover change for land management policy formulation along the Kenya-Tanzania borderlands

Courtney Mustaphi, C. J., Capitani, C., Boles, O., Kariuki, R., Newman, R., Munishi, L., Marchant, R. & Lane, P., 1 Nov 2019, (E-pub ahead of print) In: *Anthropocene*. 28, 100228.

Archaeological assessment reveals Earth's early transformation through land use

Marchant, R., 30 Aug 2019, In: *Science*. 365, 6456, p. 897-902 6 p.

Archaeology has no Relevance

Richer, S., Stump, D. & Marchant, R., 21 Jun 2019, In: *Internet Archaeology*. Internet Archaeology, 53

Sensitivity of a tropical montane cloud forest to climate change, present, past and future: Mt. Marsabit, N. Kenya

Marchant, R. & Cuni Sanchez, A., 21 Jun 2019, In: *Quaternary Science Reviews*. 218, p. 34-48 15 p.

Mangrove dynamics and environmental changes on Koh Chang, Thailand during the last millennium

Englong, A., Punwong, P., Selby, K. A., Marchant, R., Traiperm, P. & Pumijumngong, N., 9 May 2019, (E-pub ahead of print) In: *Quaternary International*. p. 128-138 11 p.

Catalyzing Transformations to Sustainability in the World's Mountains

Thorn, J. P. R., Klein, J. A., Nolin, A. W., Tucker, C. M., Hopping, K. A., Gret-Regamey, A., Lavorel, S., Muller, B., Yeh, E. T., Boone, R. B., Steger, C., Bourgeron, P., Butsic, V., Castellanos, E., Chen, X., Dong, S. K., Greenwood, G., Keiler, M., Marchant, R. & Spies, T. & 2 others, Seidl, R. & Yager, K., May 2019, In: *Earth's Future*. 7, 5, p. 547-557 11 p., 7.

Scenarios of land use and land cover change and their multiple impacts on natural capital in Tanzania

Capitani, C., van Soesbergen, A., Mukama, K., Malugu, I., Mbilinyi, B., Chamuya, N., Kempen, B., Malimbwi, R., Mant, R., Munishi, P., Njana, M., Ortmann, A., Platts, P. J., Runsten, L., Sassen, M., Sayo, P., Shirima, D., Zahabu, E., Burgess, N. & Marchant, R., 1 Mar 2019, In: *Environmental conservation*. 46, 1, p. 17-24 8 p.

Views from two mountains: exploring climate change impacts on traditional farming communities of Eastern Africa highlands through participatory scenarios

Capitani, C., Garedew, W., Mitiku, A., Yadessa, G. B., Hailu, B. T., Heiskanen, J., Hurskainen, P., Platts, P. J., Siljander, M., Pinard, F., Johansson, T. & Marchant, R., 1 Jan 2019, In: *Sustainability Science*. 14, 1, p. 191-203 13 p.

Holocene mangrove dynamics and relative sea-level changes along the Tanzanian coast, East Africa

Punwong, P., Selby, K. A. & Marchant, R., 15 Nov 2018, In: *Estuarine coastal and shelf science*. 212, p. 105-117 13 p.

Latitudinal limits to the predicted increase of the peatland carbon sink with warming

Gallego-Sala, A., Charman, D. J., Brewer, S., Page, S., Prentice, I. C., Friedlingstein, P., Moreton, S., Amesbury, M. J., Beilman, D. W., Björck, S., Blyakharchuk, T., Bochicchio, C., Booth, R. K., Bunbury, J., Camill, P., Carless, D., Chimner, R. A., Clifford, M., Cressey, E. & Courtney-Mustaphi, C. J. & 55 others, De Vleeschouwer, F., de Jong, R., Fialkiewicz-Koziel, B., Finkelstein, S., Garneau, M., Githumbi, E., Hribljan, J., Holmquist, J., Hughes, P. D. M., Jones, C., Jones, M. C., Karofeld, E., Klein, E. S., Kokfelt, U., Korhola, A., Lacourse, T., Le Roux, G., Lamentowicz, M., Large, D., Lavoie, M., Loisel, J., Mackay, H., MacDonald, G., Makila, M., Magnan, G., Marchant, R., Marcisz, K., Martínez-Cortizas, A., Massa, C., Mathijssen, P., Mauquoy, D., Mighall, T., Mitchell, F. J. G., Moss, P., Nichols, J., Oksanen, P., Orme, L., Packalen, M. S., Robinson, S. J., Roland, T. P., Sanderson, N. K., Sannel, A. B. K., Silva-Sánchez, N., Steinberg, N., Swindles, G. T., Turner, T. E., Uglow, J., Väliranta, M., Van Bellen, S., van der Linden, M., van Geel, B., Wang, G., Yu, Z., Zaragoza-Castells, J. & Zhao, Y., 1 Oct 2018, In: *Nature Climate Change*. 8, 10, p. 907-913 7 p.

Global Modern Charcoal Dataset (GMCD): A tool for exploring proxy-fire linkages and spatial patterns of biomass burning

Hawthorne, D., Courtney Mustaphi, C. J., Aleman, J. C., Blarquez, O., Colombaroli, D., Daniau, A. L., Marlon, J. R., Power, M., Vannièrè, B., Han, Y., Hantson, S., Kehrwald, N., Magi, B., Yue, X., Carcaillet, C., Ogunkoya, A., Githumbi, E. N., Muriuki, R. M. & Marchant, R., 20 Sept 2018, In: *Quaternary International*. 488, p. 3-17 15 p.

REDD+, hype, hope and disappointment: The dynamics of expectations in conservation and development pilot projects
Massarella, K., Sallu, S. M., Ensor, J. E. & Marchant, R., 1 Sept 2018, In: World Development . 109, p. 375-385 11 p.

Past and future global transformation of terrestrial ecosystems under climate change

Nolan, C., Overpeck, J. T., Allen, J. R. M., Anderson, P. M., Betancourt, J. L., Binney, H. A., Brewer, S., Bush, M. B., Chase, B. M., Cheddadi, R., Djamali, M., Dodson, J., Edwards, M. E., Gosling, W. D., Haberle, S., Hotchkiss, S. C., Huntley, B., Ivory, S. J., Kershaw, A. P. & Kim, S.-H. & 22 others, Latorre, C., Leydet, M., Lezine, A.-M., Liu, K.-B., Liu, Y., Lokhin, A. V., McGlone, M. S., Marchant, R., Momohara, A., Moreno, P. I., Müller, S., Otto-Bliesner, B. L., Shen, C., Stevenson, J., Takahara, H., Tarasov, P. E., Tipton, J., Vincens, A., Weng, C., Xu, Q., Zheng, Z. & Jackson, S. T., 31 Aug 2018, In: Science. 361, 6405, p. 920-923 4 p.

78,000-year-old record of Middle and Later Stone Age innovation in an East African tropical forest

Shipton, C. & Marchant, R., 9 May 2018, In: Nature Communications. 9, p. 1-8 8 p., 1832.

Quantifying local community voices in the decision-making process: insights from the Mount Cameroon National Park REDD+ project

Marchant, R. & Awung, N. S., 3 Apr 2018, In: Environmental Sociology. 4, 2, p. 235-252 18 p.

Drivers and trajectories of land cover change in East Africa: Human and environmental interactions from 6000years ago to present

Marchant, R., Richer, S., Boles, O., Capitani, C., Courtney-Mustaphi, C. J., Lane, P. J., Prendergast, M. E., Stump, D., De Cort, G., Kaplan, J. O., Phelps, L., Kay, A., Olago, D., Petek, N., Platts, P. J., Punwong, P., Widgren, M., Wynne-Jones, S., Ferro Vazquez, M. D. L. C. & Benard, J. N. & 29 others, Boivin, N., Crowther, A., Cuni Sanchez, A., Deere, N. J., Ekblom, A., Farmer, J., Finch, J., Kabora, T., Kariuki, R., Kinyanjui, R., Kyazike, E., Lang, C., Lejju, J., Morrison, K. D., Muiruri, V., Mumbi, C. T., Muthoni, R., Muzuka, A., Ndiema, E., Nzabandora, C. K., Onjala, I., Pas Schrijver, A., Rucina, S., Shoemaker, A., Thornton-Barnett, S., van der Plas, G., Watson, E. E., Williamson, D. & Wright, D., 1 Mar 2018, In: Earth Science Reviews. 178, p. 322-378 57 p.

Late Holocene wetland transgression and 500 years of vegetation and fire variability in the semi-arid Amboseli landscape, southern Kenya

Marchant, R., Githumbi, E. N., Lane, P. J. & Courtney-Mustaphi, C. J., 3 Feb 2018, (E-pub ahead of print) In: AMBIO: A Journal of the Human Environment. p. 1-15 15 p.

Pollen, People and Place: Multidisciplinary Perspectives on Ecosystem Change at Amboseli, Kenya

Marchant, R., Courtney-Mustaphi, C., Githumbi, E. N., Richer, S. & Lane, P., 25 Jan 2018, In: Frontiers in Earth Science.

Ecological patterns and sustainability of freshwater swamp forest ecosystems: assessing climate and disturbance interactions

Marchant, R. & Igu, N. I., Jan 2018, In: Singapore journal of tropical geography. 39, 1, p. 62-74 13 p.

Birds in the matrix: The role of agriculture in avian conservation in the Taita Hills, Kenya

Norfolk, O., Jung, M., Platts, P. J., Malaki, P., Odeny, D. & Marchant, R., 1 Dec 2017, In: African Journal of Ecology. 55, 4, p. 530-540 11 p.

An 800 year record of mangrove dynamics and human activities in the upper Gulf of Thailand

Punwong, P., SRITRAIRAT, S., Selby, K. A., Marchant, R., PUMIJUMNONG & TRAIPEM, 11 Nov 2017, (E-pub ahead of print) In: Vegetation History and Archaeobotany. p. 1-15 15 p.

A late Holocene pollen record from proglacial Oblong Tarn, Mount Kenya

Marchant, R. & Courtney-Mustaphi, C. J., 19 Sept 2017, In: PLoSOne. p. 1-19 19 p.

New insights on above ground biomass and forest attributes in tropical montane forests

Marchant, R. & Igu, N. I., 1 Sept 2017, In: Forest Ecology and Management. 399, p. 235-246 12 p.

Local factors mediate the response of biodiversity to land use on two African mountains

Jung, M., Hill, S. L. L., Platts, P. J., Marchant, R., Siebert, S., Fournier, A., Munyekenye, F. B., Purvis, A., Burgess, N. D. & Newbold, T., 1 Aug 2017, In: *Animal Conservation*. 20, 4, p. 370-381 12 p.

Introducing global peat-specific temperature and pH calibrations based on brGDGT bacterial lipids

Marchant, R., Naafs, B. D. A., Inglis, G. N., Zheng, Y., Amesbury, M. J., Biester, H., Bindler, R., Blewett, J., Burrows, M. A., del Castillo Torres, D., Chambers, F. M., Cohen, A. D., Evershed, R. P., Feakins, S. J., Galka, M., Gallego-Sala, A., Gandois, L., Gray, D. M., Hathcer, P. G. & Honorio Coronado, E. N. & 15 others, Hughes, P. D. M., Huguet, A., Kononen, M., Laggoun-Defarge, F., Lahteenoja, O., Lamentowicz, M., McClymont, E., Pontevedra-Pombal, X., Ponton, C., Pourmand, A., Rizzuti, A. M., Rochefort, L., Schellekens, J., De Vleeschouwer, F. & Pancost, R. D., 1 Jul 2017, In: *Geochimica et Cosmochimica Acta*. 208, p. 285-301

Diversity and composition of tropical butterflies along an Afromontane agricultural gradient in the Jimma Highlands, Ethiopia

Norfolk, O., Asale, A., Temesgen, T., Denu, D., Platts, P. J., Marchant, R. & Yewhalaw, D., 1 May 2017, In: *Biotropica*. 49, 3, p. 346-354

Potential and Determinants of Carbon Storage of Freshwater Swamp Forests in the Niger Delta

Marchant, R., 27 Mar 2017, In: *Open Journal of Ecology*. 7, 3, p. 1-12 12 p.

Freshwater swamp forest use in the Niger Delta: perception and insights

Marchant, R., 23 Feb 2017, In: *Journal of Forest Research*. 22, 1, p. 44-52 9 p.

Tanzania's reptile biodiversity: Distribution, threats and climate change vulnerability

Meng, H., Carr, J., Beraducci, J., Bowles, P., Branch, W., Capitani, C., Chenga, J., Cox, N., Howell, K., Malonza, P., Marchant, R., Mbilinyi, B., Mukama, K., Msuya, C., Platts, P. J., Safari, I., Spawls, S., Shennan-Farpon, Y., Wagner, P. & Burgess, N., 1 Dec 2016, In: *Biological Conservation*. 204, Part A, p. 72-82 11 p.

Forest-savannah dynamics on the Adamawa plateau (Central Cameroon) during the "African humid period" termination: A new high-resolution pollen record from Lake Tizong

Lebamba, J., Vincens, A., Lézine, A.-M., Marchant, R. & Buchet, G., Dec 2016, In: *Review of Palaeobotany and Palynology*. 235, p. 129-139

Relationships between on-farm tree stocks and soil organic carbon along an altitudinal gradient, Mount Kilimanjaro, Tanzania

Mathew, M. M., Majule, A. E., Sinclair, F. & Marchant, R., 1 Oct 2016, In: *Forests, Trees and Livelihoods*. 25, 4, p. 255-266 12 p.

From local scenarios to national maps: a participatory framework for envisioning the future of Tanzania

Capitani, C., Mukama, K., Mbilinyi, B., Malugu, I., Munishi, P., Burgess, N. D., Platts, P. J., Sallu, S. & Marchant, R., 14 Jul 2016, In: *Ecology and Society*. 21, 3, 33 p., 4.

Realising the potential of herbarium records for conservation biology.

Greve, M., Lykke, A. M., Marchant, R., Fagg, C. W., Gereau, R. E., Lewis, G. P., Marshall, A. R., Ndayishimiye, J., Bogaert, J. & Svenning, J.-C., 1 Jul 2016, In: *South African Journal of Botany*. 105, p. 317-323 7 p.

The role of traditional coffee management in forest conservation and carbon storage in the Jimma Highlands, Ethiopia

Deny, D., Platts, P. J., Kelbessa, E., Gole, T. W. & Marchant, R., 16 Jun 2016, (E-pub ahead of print) In: *Forests, Trees and Livelihoods*. 13 p.

Ethnic and locational differences in ecosystem service values: Insights from the communities in forest islands in the desert

Cuna-Sanchez, A., Pferifer, M., Marchant, R. & Burgess, N., Jun 2016, In: *Ecosystem Services*. 19, p. 42-50

A database of radiocarbon dates for palaeoenvironmental research in eastern Africa

Courtney-Mustaphi, C. J. & Marchant, R., 20 May 2016, In: *Open Quaternary*. 2, 3, 7 p.

Subfossil statoblasts of *Lophopodella capensis* (Sollas, 1908) (Bryozoa: Phylactolaemata: Lophopodidae) in the Upper Pleistocene and Holocene sediments of a montane wetland, Eastern Mau Forest, Kenya

Courtney-Mustaphi, C. J., Githumbi, E. N., Shotton, L. R., Marchant, R. & Rucina, S. M., 14 May 2016, In: *African Invertebrates*. 57, 1, p. 39-52

Assessing the economic impact of climate change on forest resource use in Nigeria: A Ricardian approach

Onyekuru, N. A. & Marchant, R., 15 Apr 2016, In: *Agricultural and Forest Meteorology*. 220, p. 10-20 11 p.

Continental Island Formation and the Archaeology of Defaunation on Zanzibar, Eastern Africa.

Prendergast ME, Rouby H, Punwong P, Marchant R, Crowther A, Kourampas N, Shipton C, Walsh M, Lambeck K, and Boivin NL, 22 Feb 2016, In: *PLoS ONE*. 11, 2, p. 1-23 23 p., e0149565.

Which "fairness", for whom, and why? An empirical analysis of plural notions of fairness in Fairtrade Carbon Projects, using Q methodology

Howard, R. J., Tallontire, A. M., Stringer, L. C. & Marchant, R. A., 1 Feb 2016, In: *Environmental Science and Policy*. 56, p. 100-109 10 p.

Terrestrial biosphere changes over the last 120 kyr and their impact on ocean $\delta^{13}\text{C}$.

Hoogakker BAA, Smith RS, Singarayer JS, Marchant R, Prentice IC, Allen J, Anderson RS, Bhagwat SA, Behling H, Borisova O, and Bush M, 18 Jan 2016, In: *Climate of the Past Discussions*. 12, 1, p. 51-73 23 p.

Land cover change and carbon emissions over 100 years in an African biodiversity hotspot

Willcock, S., Phillips, O. L., Platts, P. J., Swetnam, R. D., Balmford, A., Burgess, N. D., Ahrends, A., Bayliss, J., Doggart, N., Doody, K., Fanning, E., Green, J. M. H., Hall, J., Howell, K. L., Lovett, J. C., Marchant, R., Marshall, A. R., Mbilinyi, B., Munishi, P. K. T. & Owen, N. & 2 others, Topp-Jorgensen, E. J. & Lewis, S. L., 2016, In: *Global Change Biology*. 22, 8, p. 2787-2800 14 p.

Exploring the future land use-biodiversity-climate nexus in East Africa: an application of participatory scenario analysis

Capitani, C., Norfolk, O., Platts, P. J., Burgess, N., Mukama, K., Malugu, I., Munishi, P. & Marchant, R., 21 Nov 2015, *GLP News*, 12, p. 10-13 4 p.

Historical ecology perspectives of changes in Amboseli, Kenya

Courtney Mustaphi CJ, Shoemaker, AC, Githumbi EN, Kariuki R, Muriuki RM, Rucina S, Marchant R, Nov 2015, In: *GLP News*. 26, p. 1-4 4 p.

Unravelling the notion of "fair carbon": key challenges for standards development.

Howard, R. J., Tallontire, A., Stringer, L. & Marchant, R., Jun 2015, In: *World Development*. 70, p. 343-356 13 p.

AFRICLIM: high-resolution climate projections for ecological applications in Africa

Platts, P. J., Omeny, P. & Marchant, R., Mar 2015, In: *African Journal of Ecology*. 53, 1, p. 103-108 6 p.

Radiocarbon dating of mangrove sediments to constrain Holocene relative sea-level change on Zanzibar in the southwest Indian Ocean

Woodroffe, S. A., Long, A. J., Punwong, P., Selby, K. A., Bryant, C. L. & Marchant, R., 2015, In: *The Holocene*. 25, 5, p. 820-831 12 p.

Social-ecological systems in the Anthropocene: The need for integrating social and biophysical records at regional scales

Dearing, J., Acma, B., Bub, S., Chambers, F., Chen, X., Cooper, J., Crook, D., Dong, X., Dotterweich, M., Edwards, M., Foster, T., Gaillard, M.-J., Galop, D., Gell, P., Gil, A., Jeffers, E., Jones, R., Anupama, K., Langdon, P. & Marchant, R. & 9 others, Mazier, F., McLean, C., Nunes, L., Sukumar, R., Suryaprakash, I., Umer, M., Yang, X., Wang, R. & Zhang, K., 2015, In: *The Anthropocene Review*. 27 p., 2053019615579128.

Past perspectives for the future: foundations for sustainable development in East Africa

Marchant, R. & Lane, P., Nov 2014, In: *Journal of archaeological science*. 51, p. 12-21

Genetic divergence during long-term isolation in highly diverse populations of tropical trees across the Eastern Arc Mountains of Tanzania

Jump, A., Carr, M., Ahrends, A. & Marchant, R., Sept 2014, In: *Biotropica*. 46, 5, p. 565-574 10 p.

Human-environment interactions in an agricultural landscape: a 1400-yr sediment and pollen record from North Pare, NE Tanzania

Heckman, M., Muiruri, V., Boom, A. & Marchant, R., 15 Jul 2014, In: *Palaeogeography palaeoclimatology palaeoecology*. 406, p. 49-61 13 p.

From myopia to clarity: sharpening the focus of ecosystem management through the lens of palaeoecology

Gillson, L. & Marchant, R., Jun 2014, In: *Trends in Ecology & Evolution*. 29, 6, p. 317-325 9 p.

Vegetation response to climate change and human impacts in the Usambara Mountains

Mumbi, C., Marchant, R. & Lane, P., 29 May 2014, In: *Forestry*. 2014, 12 p., 240510.

Validating and linking the GIMMS leaf area index (LAI3g) with environmental controls in tropical Africa

Pfeifer, M., Lefebvre, V., Gonsamo, A., Pellikka, P., Marchant, R., Denu, D. & Platts, P. J., 4 Mar 2014, In: *Remote Sensing*. 6, 3, p. 1973-1990 18 p.

Looking forward through the past: identification of 50 priority research questions in palaeoecology

56 other authors, Jan 2014, In: *Journal of ecology*. 102, 1, p. 256-267 12 p.

Tracing long-term tropical montane ecosystem change in the Eastern Arc Mountains of Tanzania

Marchant, R., Finch, J. & Wooller, M., 2014, In: *Journal of Quaternary Science*. 29, 3, p. 269-278

REDD herrings or REDD menace: response to Beymer-Farris and Bassett

Burgess, N., Marchant, R., Mwakalila, S., Munishi, P. K. T., Pfeifer, M., Willcock, S., Shirima, D., Bulenga, G., Rubens, J., Hamidu, S. & Machano, H., Oct 2013, In: *Global Environmental Change*. 23, 5, p. 1349-1354

Land use change and carbon fluxes in East Africa quantified using earth observation data and field measurements

Pfeifer, M., Platts, P. J., Burgess, N., Swetnam, R., Willcock, S. & Marchant, R., 1 Sept 2013, In: *Environmental conservation*. 40, 3, p. 241-252 12 p.

Phylogenetic patterns of extinction risk: the need for critical application of appropriate datasets

Gereau, R., Burgess, N., Fjelds , J., Hall, J., Hemp, A., Jump, A., Kajuni, A., Marchant, R., Marshall, A., Platts, P. J., Taylor, C. & Tibazarwa, F., 30 Aug 2013, In: *PeerJ PrePrints*. 1, e55v1.

Holocene mangrove dynamics from Unguja Ukuu, Zanzibar

Punwong, P., Marchant, R. & Selby, K. A., 17 Jun 2013, In: *Quaternary International*. 298, p. 4-19 16 p.

Spatial heterogeneity of climate change in an Afromontane centre of endemism

Platts, P. J., Gereau, R., Burgess, N. & Marchant, R., 1 Apr 2013, In: *Ecography*. 36, 4, p. 518-530 13 p.

The genus acacia (fabaceae) in East Africa: Distribution, diversity and the protected area network

Marshall, A. R., Platts, P. J., Gereau, R. E., Kindeketa, W., Kang'Ethe, S. & Marchant, R., 1 Jan 2013, *African Plant Diversity: Systematics and Sustainable Development, Proceedings of the XIXth AETFAT Congress*. National Botanic Garden of Belgium, p. 1-13 13 p. (Scripta Botanica Belgica; vol. 50).

The genus *Acacia* (Fabaceae) in East Africa: distribution, biodiversity and the protected area network

Marshall, A. R., Platts, P. J., Gereau, R. E., Kindeketa, W., Kang'ethe, S. & Marchant, R., Nov 2012, In: Plant Ecology and Evolution. 145, 3, p. 289–301 13 p.

Protected areas: mixed success in conserving East Africa's evergreen forests

Pfeifer, M., Burgess, N. D., Swetnam, R. D., Platts, P. J., Willcock, S. & Marchant, R., 29 Jun 2012, In: PLoS ONE. 7, 6, p. e39337 e39337.

Holocene mangrove dynamics and sea level changes in Makoba Bay, Zanzibar

Punwong, P., Marchant, R. & Selby, K. A., Jun 2012, In: Palaeogeography palaeoclimatology palaeoecology. 379-380, p. 54-67 14 p.

Leaf area index for biomes of the Eastern Arc Mountains: Landsat and SPOT observations along precipitation and altitude gradients

Marchant, R. & Pfeifer, M., 2012.

Nigeria's response to the impacts of climate change: developing resilient and ethical adaptation options

Marchant, R. & Onyakuru, A., 2012.

Terrestrial ecosystems from space: a review of earth observation products for macroecology applications

Pfeifer, M. & Marchant, R., 2012.

Towards regional, error-bounded landscape carbon storage estimates for data deficient areas of the world

Willcock, S. & Marchant, R., 2012.

A palaeoecological investigation into the role of fire and human activity in the development of montane grasslands in East Africa

Finch, J. & Marchant, R., Mar 2011, In: Vegetation History and Archaeobotany. 20, 2, p. 109-124 16 p.

Conservation and the botanist effect

Ahrends, A., Rahbek, C., Bulling, M. T., Burgess, N. D., Platts, P. J., Lovett, J. C., Kindemba, V. W., Owen, N., Sallu, A. N., Marshall, A. R., Mhoro, B. E., Fanning, E. & Marchant, R., Jan 2011, In: Biological Conservation. 144, 1, p. 131-140 10 p.

A palaeoecological investigation into the role of fire and human activity in the development of montane grasslands in East Africa

Marchant, R., 2011.

Diversity and ecology of tropical African fungal spores from a 25,000-year palaeoenvironmental record in southeastern Kenya

Geloroni, V. & Marchant, R., 2011.

Measuring, modeling and mapping ecosystem services in the Eastern Arc Mountains of Tanzania

Marchant, R. & Fischer, B., 2011.

Moist lower montane rainforest classification: a case study from Bwindi Impenetrable National Park, Uganda

Chaigneau, T., Ahrends, A., Argent, J., Riddhiraska, N. & Marchant, R., Sept 2010, In: African Journal of Ecology. 48, 3, p. 807-815 9 p.

Late-Holocene savanna dynamics in the Amboseli Basin, Kenya

Rucina, S. M., Muiruri, V. M., Downton, L. & Marchant, R., Aug 2010, In: The Holocene. 20, 5, p. 667-677 11 p.

Can distribution models help refine inventory-based estimates of conservation priority? A case study in the Eastern Arc forests of Tanzania and Kenya

Platts, P. J., Ahrends, A., Gereau, R. E., McClean, C. J., Lovett, J. C., Marshall, A. R., Pellikka, P. K. E., Mulligan, M., Fanning, E. & Marchant, R., Jul 2010, In: Diversity and Distributions. 16, 4, p. 628-642 15 p.

Understanding complexity in savannas: climate, biodiversity and people

Marchant, R., May 2010, In: Current opinion in environmental sustainability. 2, 1-2, p. 101-108 8 p.

Analysis of the carbon sequestration costs of afforestation and reforestation agroforestry practices and the use of cost curves to evaluate their potential for implementation of climate change mitigation

Marchant, R. & Torres, A., 2010.

Palaeoenvironmental perspectives for sustainable development in East Africa

Marchant, R., Finch, J., Kinyanjui, R. N., Muiruri, V. M., Mumbi, C. T., Platts, P. J. & Rucina, S. M., 2010, In: Climate of the Past Discussions. 6, p. 963-1007 45 p.

Late Quaternary vegetation and fire dynamics on Mount Kenya

Rucina, S. M., Muiruri, V. M., Kinyanjui, R. N., McGuinness, K. & Marchant, R., 1 Dec 2009, In: Palaeogeography palaeoclimatology palaeoecology. 283, 1-2, p. 1-14 14 p.

Late Quaternary vegetation dynamics in a biodiversity hotspot, the Uluguru Mountains of Tanzania

Finch, J., Leng, M. J. & Marchant, R., Jul 2009, In: QUATERNARY RESEARCH. 72, 1, p. 111-122 12 p.

Environmental change and the option value of genetic diversity

Jump, A. S., Marchant, R. & Penuelas, J., Jan 2009, In: TRENDS IN PLANT SCIENCE. 14, 1, p. 51-58 8 p.

Pollen-based biome reconstructions for Latin America at 0, 6000 and 18 000 radiocarbon years ago

Marchant, R., Cleef, A., Harrison, S. P., Hooghiemstra, H., Markgraf, V., van Boxel, J., Ager, T., Almeida, L., Anderson, R., Baied, C., Behling, H., Berrio, J. C., Burbridge, R., Bjorck, S., Byrne, R., Bush, M., Duivenvoorden, J., Flenley, J., De Oliveira, P. & van Geel, B. & 20 others, Graf, K., Gosling, W. D., Harbele, S., van der Hammen, T., Hansen, B., Horn, S., Kuhry, P., Ledru, M.-P., Mayle, F., Leyden, B., Lozano-Garcia, S., Melief, A. M., Moreno, P., Moar, N. T., Prieto, A., van Reenen, G., Salgado-Labouriau, M., Schaebitz, F., Schreve-Brinkman, E. J. & Wille, M., 2009, In: Climate of the past. 5, 4, p. 725-767 43 p.

Predicting tree distributions in an East African biodiversity hotspot: model selection, data bias and envelope uncertainty

Platts, P. J., McClean, C. J., Lovett, J. C. & Marchant, R., 24 Oct 2008, In: Ecological Modelling. 218, 1-2, p. 121-134 14 p.

Late Quaternary vegetation reconstruction from the Eastern Arc Mountains, Tanzania

Mumbi, C. T., Marchant, R., Hooghiemstra, H. & Wooller, M. J., Mar 2008, In: QUATERNARY RESEARCH. 69, 2, p. 326-341 16 p.

The Indian Ocean dipole - the unsung driver of climatic variability in East Africa

Marchant, R., Mumbi, C., Behera, S. & Yamagata, T., Mar 2007, In: African Journal of Ecology. 45, 1, p. 4-16 13 p.

Tropical moist forests

Lovett, J. C., Marchant, R., Marshall, A. R. & Barber, J., 2007, *Biodiversity Under Threat*. Hesler, R. E. & Harrison, R. M. (eds.). The Royal Society of Chemistry, p. 161-192 32 p. (Issues in Environmental Science and Technology; vol. 25).

Colombian dry moist forest transitions in the Llanos Orientales - A comparison of model and pollen-based biome reconstructions

Marchant, R., Berrio, J. C., Behling, H., Boom, A. & Hooghiemstra, H., 3 May 2006, In: Palaeogeography palaeoclimatology palaeoecology. 234, 1, p. 28-44 17 p.

Special issue: Late quaternary tropical ecosystem dynamics

Marchant, R. & Behling, H., Nov 2005, In: QUATERNARY RESEARCH. 64, 3, p. 283-283 1 p.

The oldest rainforests in Africa: stability or resilience for survival and diversity?

Lovett, J. C., Marchant, R., Taplin, J. & Kuper, W., 2005, *Phylogeny and Conservation*. Purvis, A., Gittleman, J. & Brooks, T. (eds.). NEW YORK: Cambridge University Press, p. 198-229 32 p.

Colombian vegetation at the last glacial maximum: a comparison of model- and pollen-based biome reconstructions.

Marchant, R., Boom, A., Behling, H., Hooghiemstra, H., Melief, B., Van Geel, B., Van der Hammen, T. & Wille, M., Oct 2004, In: *Journal of Quaternary Science*. 19, 7, p. 721-732 11 p.

Rapid environmental change in African and South American tropics around 4000 years before present: a review

Marchant, R. & Hooghiemstra, H., Aug 2004, In: *Earth Science Reviews*. 66, 3-4, p. 217-260 43 p.

Distribution and ecology of parent taxa of pollen lodged within the Latin American Pollen Database.

Marchant, R., Almeida, L., Berrio, J. C., Bush, M., Cleef, A., Duivenvoorden, J., Kappelle, M., De Oliveira, P., de Oliveira-Filho, A. T., Lozano-Garcia, S., Ledru, M. P., Ludlow-Wiechers, B., Markgraf, V., Mancini, V., Paez, M., Prieto, A., Rangel, O., Salgado-Labouriau, M. L., Behling, H. & Hooghiemstra, H., Aug 2002, In: *Review of Palaeobotany and Palynology*. 121, 1, p. 1-75 74 p.

Activities

Wisdom of the Land

Marchant, R. (Advisor)

16 Sept 2024 → 17 Sept 2924

MRI Mountain retreat

Marchant, R. (Advisor)

26 Aug 2024 → 30 Aug 2024

Agroforestry futures for Ethiopia

Marchant, R. (Advisor)

15 Aug 2024 → 16 Aug 2024

Working partnership lunch

Marchant, R. (Advisor)

6 Aug 2024

Addressing sustainable development futures for Tanzania

Marchant, R. (Chair)

13 Jul 2024

Grant building

Marchant, R. (Advisor)

10 Jul 2024

KESHO training

Marchant, R. (Advisor)

10 Jul 2024

World Biodiversity Forum

Marchant, R. (Advisor)

18 Jun 2024

The Wonder of Pollen

Wilson, O. J. (Organiser) & Marchant, R. (Organiser)

20 May 2024 → 1 Sept 2024

Mountain Futures

Marchant, R. (Advisor)
19 May 2024

Using the past to craft sustainable Mountain futures

Marchant, R. (Chair)
18 May 2024

Bees: a Story of Survival

Wilson, O. J. (Participant) & Marchant, R. (Participant)
4 May 2024 → 5 May 2025

Scenario training

Marchant, R. (Advisor)
May 2024

Mountain Summer School teaching for FAO

Marchant, R. (Advisor)
2023

The ecological impacts and ensuing restoration of large scale Gold mining in Tanzania

Marchant, R. (Examiner (external))
2023

Past, present futures sociological changes: insights for a sustainable future Africa

Marchant, R. (Chair)
3 Nov 2022

FAO for the International Year of Sustainable Mountain Development

Marchant, R. (Advisor)
2022 → 2023

Learning lessons from the past to shape future more sustainable pathways

Marchant, R. (Chair)
13 Dec 2021

FutureLearn Post-COP26 Roundtable

Marchant, R. (Advisor)
2 Dec 2021

Geo Meeting

Marchant, R. (Advisor)
30 Nov 2021

NBS in a Changing Climate Conference

Marchant, R. (Advisor)
29 Nov 2021

How to Influence Policy in the Global Context

Marchant, R. (Advisor)
25 Nov 2021

MRI SLC members meeting

Marchant, R. (Advisor)
24 Nov 2021

Voice from the Global South – post COP26 session

Marchant, R. (Advisor)
19 Nov 2021

Scenarios of future land cover change for southern Kenya

Marchant, R. (Advisor)
3 Nov 2021

INQUA - East Africa

Marchant, R. (Chair)
25 Oct 2021

ACDI - Africa and the SDGs

Marchant, R. (Advisor)
22 Oct 2021

PhD Viva Lancaster

Marchant, R. (Examiner (external))
13 Oct 2021

COP26 South and West Africa Resilience Series

Marchant, R. (Advisor)
8 Oct 2021

Are livestock always bad for the planet? Report launch and panel discussion

Marchant, R. (Advisor)
27 Sept 2021

PAGES traces

Marchant, R. (Advisor)
23 Sept 2021

Horizon Scanning workshop - Imperial College

Marchant, R. (Advisor)
21 Sept 2021 → 22 Sept 2021

UKRI COP26 Workshop: Building Transformational Pathways to Adaptation in Eastern Africa

Marchant, R. (Advisor)
16 Sept 2021

NERC biodiversity and climate

Marchant, R. (Advisor)
15 Sept 2021

Africa and the SDGs

Marchant, R. (Advisor)
13 Sept 2021

COP15 NERC Economics of Biodiversity

Marchant, R. (Advisor)

7 Sept 2021

COP26 Adaptation and Resilience Events Series – Profiling global impacts and upscaling opportunities for climate research in Africa - East-Africa Event

Marchant, R. (Advisor)

27 Aug 2021

The second African Conference for Linear Infrastructure and Ecology (ACLIE)

Marchant, R. (Advisor)

12 Aug 2021

Coastal History Network

Marchant, R. (Advisor)

11 Aug 2021

Carbon Borders Voices

Marchant, R. (Advisor)

10 Aug 2021

Africa COP

Marchant, R. (Advisor)

29 Jul 2021

UN Food Systems Pre-Summit Parallel Session: "Food systems as a key pillar of sustainable development in mountains"

Marchant, R. (Advisor)

28 Jul 2021

External review Plant Conservation Unit

Marchant, R. (Examiner (external))

26 Jul 2021

UNESCO COP forum

Marchant, R. (Advisor)

14 Jul 2021

Traditional knowledge for global biodiversity and development goals

Marchant, R. (Advisor)

12 Jul 2021

Closing Workshop for Climate Research for Development

Marchant, R. (Advisor)

21 Jun 2021

Summer School Anton de Kok University, Suriname

Marchant, R. (Advisor)

21 Jun 2021

Mt Elgon UNESCO workshop

Marchant, R. (Advisor)

10 Jun 2021

UKRI COP26 Adaptation and Resilience Events Series

Marchant, R. (Advisor)

3 Jun 2021

COP26 Science event

Marchant, R. (Advisor)

10 May 2021 → 15 May 2021

Research to innovation: Solutions to the climate crisis in Africa

Marchant, R. (Advisor)

20 Apr 2021

InterSol Conference

Marchant, R. (Advisor)

13 Apr 2021

MRI Governing Body Science Leadership Committee

Marchant, R. (Advisor)

12 Apr 2021

TEN Meeting: Challenges and opportunities of tropical agricultural expansions

Marchant, R. (Advisor)

22 Mar 2021

Art + Anthropocene Virtual Seminar

Marchant, R. (Advisor)

16 Mar 2021

Evaluating the Impact of Cultural Heritage for Sustainable Development

Marchant, R. (Advisor)

2 Mar 2021

Bridging the Gaps: Cultural Heritage for Climate Action

Marchant, R. (Advisor)

24 Feb 2021

Heritage for Our Sustainable Future

Marchant, R. (Advisor)

22 Feb 2021

Africa Research Network at York

Marchant, R. (Advisor)

2021 → 2023

COP 26 Universities Network

Marchant, R. (Advisor)

1 Dec 2020 → 31 Dec 2021

University of Nairobi

Marchant, R. (Advisor)

20 Nov 2019

Attended the African Research Universities Alliance

Marchant, R. (Advisor)

9 Nov 2019

Invited seminar at University of Leicester

Marchant, R. (Advisor)
5 Nov 2019

Exhibition on Pastoralists Under Pressure

Marchant, R. (Advisor)
8 Oct 2019 → 11 Nov 2019

External Examination Nottingham

Marchant, R. (Examiner (external))
1 Sept 2019 → 1 Sept 2022

Tropical Ecosystem Network

Marchant, R. (Advisor)
30 May 2019

Univ Maastricht

Marchant, R. (Advisor)
22 May 2019

Peer review of Ref submission

Marchant, R. (Advisor)
15 May 2019

Academic Mentor for African Academy of Science

Marchant, R. (Advisor)
2019 → 2022

Adaptation and Resilience theme with a team of UK Climate University

Marchant, R. (Advisor)
2019 → 2021

Anton de Kom Universiteit van Suriname

Marchant, R. (Advisor)
2019 → 2020

External Examiner, University of Nottingham

Marchant, R. (Examiner (external))
2019 → 2022

African Mountains under pressure

Marchant, R. (Chair)
19 Jun 2018

Africa Research Network L(a)unch

Wynne-Jones, S. (Organiser), McCann, G. (Organiser), Marchant, R. (Organiser) & Klantschnig, G. (Organiser)
5 Jun 2018

Do species move, adapt or die

Marchant, R. (Speaker)
20 Jan 2018

ACACIA Theory of Change

Marchant, R. (Advisor)
2018

Africa Network

Marchant, R. (Advisor)
2018

NSF-START teaching

Marchant, R. (Advisor)
2018

Residential summer schools funded through the McArthur Foundation

Marchant, R. (Advisor)
2018

taught in the summer school at the Sustainable Management of Natural Resources (SMNR) at the University of Suriname

Marchant, R. (Advisor)
2018 → 2022

The role of Green Infrastructure in urban expansion in China

Marchant, R. (Examiner (external))
2018

The Tropical Biological Association

Marchant, R. (Advisor)
2018

University of Ghana

Marchant, R. (Advisor)
2018

World University Network 'Global Africa Group'

Marchant, R. (Advisor)
2018 → 2020

Global Mountain Partnership

Marchant, R. (Speaker)
11 Dec 2017 → 15 Dec 2017

EU AAREA to policy workshop

Marchant, R. (Keynote/plenary speaker)
5 Dec 2017 → 6 Dec 2017

International Biodiversity and Ecosystem Services Scenario Africa group

Marchant, R. (Advisor)
2017 → 2019

World University Network Africa Group (Event)

Marchant, R. (Advisor)
2017

GOING BEYOND THE SAFARI: THE POTENTIAL ROLE OF THE ENVIRONMENTAL HUMANITIES IN SUB-SAHARAN AFRICA

Richer, S. (Speaker), Marchant, R. (Speaker), Stump, D. (Speaker), Lang, C. (Speaker) & Ferro Vazquez, M. D. L. C. (Speaker)

19 Dec 2016

The use of African archaeological data on historic land cover to inform climate change models

Richer, S. (Speaker), Marchant, R. (Speaker) & Stump, D. (Speaker)

26 Nov 2016

Land use and land cover change in East Africa - initial findings from LandCover6k East Africa

Richer, S. (Speaker), Marchant, R. (Speaker) & Stump, D. (Speaker)

23 Aug 2016

Mountain Research Initiative (External organisation)

Marchant, R. (Advisor)

2016

PAGES LandCover Workshop 6 K

Marchant, R. (Organiser)

2016 → 2021

Scientific Leadership Council (SLC) for the Mountain Research Initiative

Marchant, R. (Advisor)

2015 → 2023

Tropical Ecosystem Network

Marchant, R. (Advisor)

2012 → 2018

Awards

ESRC IAA: Responding to Extreme Weather Events in York

MARCHANT, R. (Principal investigator)

ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC): £14,975.47

1/03/26 → 17/10/26

Projects

0025; Climate Services Sandpit award

MARCHANT, R. (Principal investigator)

NATURAL ENVIRONMENT RESEARCH COUNCIL

1/01/16 → 31/03/16

22DISCIPLINEHOP-NERC Connecting Blue Carbon Research

GARRETT, E. (Principal investigator), Hudson, P. G. M. B. (Co-investigator), MARCHANT, R. (Co-investigator) & REDEKER, K. R. (Co-investigator)

NATURAL ENVIRONMENT RESEARCH COUNCIL

1/01/23 → 31/03/23

3D Pollen Project

Marchant, R. (Principal investigator) & Wilson, O. J. (Principal investigator)

1/10/22 → 30/09/25

ARCC: Adaptation and Resilience to Climate Change

Marchant, R. (Principal investigator)

1/07/16 → 30/12/20

Adopting REDD+ for conservation, Sustainable community livelihood and climate change migration

Marchant, R. (Principal investigator)

7/02/14 → ...

AFRI-CAN: East African Mountain social ecological dynamics

MARCHANT, R. (Principal investigator), Gillson, L. (Co-investigator), Lyon, C. J. (Co-investigator), STUMP, D. (Co-investigator) & Touza, J. M. (Co-investigator)

EUROPEAN COMMISSION

1/06/26 → 31/05/32

AFRI-Skyfor

MARCHANT, R. (Principal investigator)

EUROPEAN COMMISSION

1/08/17 → 31/07/20

AHEAD: Towards Atacama, near the deserted coast, you see a land without men, where there is not a bird, not a beast, nor a tree, nor any vegetation

MARCHANT, R. (Principal investigator)

EUROPEAN COMMISSION

1/09/18 → 31/08/20

BBSRC FTMA: Eco regional assessment and mapping of cost effective adaption strategies to the impact of climate change among crop farmers in West Africa

MARCHANT, R. (Principal investigator)

BBSRC (BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL)

1/11/17 → 31/03/19

PURE: Catalysing participation through innovation to strengthen rural-urban climate resilient futures in Namibia

THORN, J. P. R. (Co-investigator), Cinderby, S. (Principal investigator), Marchant, R. (Co-investigator), AJALA, O. (Co-investigator), HEJNOWICZ, A. P. (Co-investigator), Mueller, A. (Co-investigator), Shackleton, S. (Co-investigator), Mfunne, J. (Co-investigator) & Delgado, G. (Co-investigator)

Development Corridors Partnership

THORN, J. P. R. (Researcher), Marchant, R. (Co-investigator), Olago, D. (Co-investigator), Munisihi, P. (Co-investigator), Sandbrook, C. (Co-investigator), Yilong, X. (Co-investigator) & Conway, D. (Co-investigator)

1/01/18 → 31/12/21

ECO DYNAMIC AFRICA, MC IEF Marion Pfeifer: Tropical forests in East Africa - Relationships between ecosystem diversity/ecosystem function and environmental gradients

MARCHANT, R. (Principal investigator)

EUROPEAN COMMISSION

1/08/09 → 31/07/11

ESRC IAA: Responding to Extreme Weather Events in York

MARCHANT, R. (Principal investigator)

ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)

1/03/26 → 17/10/26

ESRC IAA: Transitioning from infrastructure corridors to development corridors

MARCHANT, R. (Principal investigator)

ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)

1/04/19 → 30/12/22

Food and Ecosystem Services in Eastern Africa

MARCHANT, R. (Principal investigator)

NATURAL ENVIRONMENT RESEARCH COUNCIL

1/08/10 → 31/01/11

Functions of soil and water ecosystem services for agriculture and forestry

MARCHANT, R. (Principal investigator)

THE ROYAL SOCIETY

8/08/13 → 31/07/15

GCRF: Training for Development: East African Growth Corridors and the China to Africa connection

MARCHANT, R. (Principal investigator)

ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)

1/10/17 → 31/03/22

GNCA Extension to R19091 [East African Growth Corridors And The China To Africa Connection] [Scenarios for Sustainable Futures]

MARCHANT, R. (Principal investigator)

EPSRC

1/10/22 → 31/03/23

Green infrastructure for climate adaptation in peri-urban areas

THORN, J. P. R. (Principal investigator), Marchant, R. (Co-investigator), Shackleton, S. (Co-investigator) & Wijesinghe, A. (Researcher)

1/11/18 → 30/09/20

SEAMA: Improving outcomes for people and biodiversity in the South-East Africa Montane Archipelago

PLATTS, P. J. (Principal investigator), THORN, J. P. R. (Co-investigator), Marchant, R. (Co-investigator) & Cuna-Sanchez, A. (Co-investigator)

KITE - York Institute Tropical Ecosystem Dynamics

MARCHANT, R. (Principal investigator)

EUROPEAN COMMISSION

1/09/05 → 31/08/09

Learning from Cyclone Idai: Response, recovery, future risk. Mozambique

THORN, J. P. R. (Co-investigator), MARCHANT, R. (Co-investigator), KIRSHNER, J. D. (Principal investigator), PLATTS, P. J. (Co-investigator), Jew, E. K. K. (Co-investigator), ENSOR, J. (Co-investigator) & Hill, J. (Co-investigator)

1/05/19 → 31/07/19

Lion Futures

Marchant, R. (Principal investigator)

1/04/24 → 31/03/28

Makoko - protecting Kenya's mangroves

Marchant, R. (Principal investigator)

1/01/19 → 31/12/20

Mountain Sentinels Collaborative Network

THORN, J. P. R. (Researcher), Marchant, R. (Researcher), Klein, J. A. (Principal investigator), Reid, R. (Principal investigator), Nolin, A. W. (Principal investigator) & Tucker, C. M. (Principal investigator)

1/05/16 → 1/05/20

Mountain Social-Ecological Futures

Marchant, R. (Principal investigator)

1/02/24 → 30/04/27

Mountain Social-Ecological Futures

Marchant, R. (Principal investigator)

1/04/24 → 30/04/27

Multifunctional Agroforestry for Enhanced Biodiversity, Improved Livelihood, and Resilient Landscapes in Ethiopian Highlands

Marchant, R. (Principal investigator)
1/01/24 → 1/01/27

REAL - Resilience in East African Landscapes

MARCHANT, R. (Principal investigator)
EUROPEAN COMMISSION
1/09/13 → 30/08/17

S4G: Space4Giants: Safeguarding Space for Giants: building sustainable infrastructure for the benefit of nature and people

MARCHANT, R. (Principal investigator)
EUROPEAN COMMISSION
4/01/22 → 17/05/23

Space for Giants

Marchant, R. (Principal investigator) & Nyumba, T. (Principal investigator)

Thailand's Land Futures

Marchant, R. (Principal investigator)
1/04/24 → 31/03/25

The 3D Pollen Project Knowledge Exchange Fellowship (Oliver Wilson)

MARCHANT, R. (Principal investigator) & O'TOOLE, P. J. (Co-investigator)
NATURAL ENVIRONMENT RESEARCH COUNCIL
1/10/22 → 30/09/25

Up in smoke: Exploring future livelihoods and landscapes in tobacco-cultivated miombo woodland in Mbeya, South Western Tanzania

THORN, J. P. R. (Co-investigator), Jew, E. K. K. (Principal investigator), Tumbo, M. (Co-investigator), Kalumanga, E. (Co-investigator) & MARCHANT, R. (Co-investigator)