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Research interests

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

Employment

Senior Lecturer

Senior lecturer
Environment and Geography
University of York
United Kingdom
1 Sept 2009 → 30 Sept 2011

Reader

Reader
Environment and Geography
University of York
United Kingdom
1 Oct 2011 → 30 Sept 2017

Senior Research Fellow

Environment and Geography
University of York
United Kingdom
1 Jan 2008 → 31 Aug 2009

Research Fellow

Environment and Geography
University of York
United Kingdom
1 Sept 2005 → 31 Dec 2007

Associate Provost

Reader
Vice Chancellor's Office
University of York
United Kingdom
1 Sept 2016 → 30 Sept 2017

Professor

Professor
Environment and Geography
University of York
United Kingdom
1 Oct 2017 → present

Associate Provost

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

YESI Research Theme Lead

Professor
York Environmental Sustainability Inst
University of York
United Kingdom
8 Jul 2024 → 7 Jul 2027

External PhD supervisor

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

Research output

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.

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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

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Late Pleistocene montane forest fire return interval estimates from Mount Kenya

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High aboveground carbon stock of African tropical montane forests

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Activities

Wisdom of the Land

Robert Marchant (Advisor)
16 Sept 2024 → 17 Sept 2924

MRI Mountain retreat

Robert Marchant (Advisor)
26 Aug 2024 → 30 Aug 2024

Agroforestry futures for Ethiopia

Robert Marchant (Advisor)
15 Aug 2024 → 16 Aug 2024

Working partnership lunch

Robert Marchant (Advisor)
6 Aug 2024

Addressing sustainable development futures for Tanzania

Robert Marchant (Chair)
13 Jul 2024

Grant building

Robert Marchant (Advisor)
10 Jul 2024

KESHO training

Robert Marchant (Advisor)
10 Jul 2024

World Biodiversity Forum

Robert Marchant (Advisor)
18 Jun 2024

The Wonder of Pollen

Oliver John Wilson (Organiser) & Robert Marchant (Organiser)
20 May 2024 → 1 Sept 2024

Mountain Futures

Robert Marchant (Advisor)

19 May 2024

Using the past to craft sustainable Mountain futures

Robert Marchant (Chair)

18 May 2024

Bees: a Story of Survival

Oliver John Wilson (Participant) & Robert Marchant (Participant)

4 May 2024 → 5 May 2025

Scenario training

Robert Marchant (Advisor)

May 2024

Mountain Summer School teaching for FAO

Robert Marchant (Advisor)

2023

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

Robert Marchant (Examiner (external))

2023

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

Robert Marchant (Chair)

3 Nov 2022

FAO for the International Year of Sustainable Mountain Development

Robert Marchant (Advisor)

2022 → 2023

Learning lessons from the past to shape future more sustainable pathways

Robert Marchant (Chair)

13 Dec 2021

FutureLearn Post-COP26 Roundtable

Robert Marchant (Advisor)

2 Dec 2021

Geo Meeting

Robert Marchant (Advisor)

30 Nov 2021

NBS in a Changing Climate Conference

Robert Marchant (Advisor)

29 Nov 2021

How to Influence Policy in the Global Context

Robert Marchant (Advisor)

25 Nov 2021

MRI SLC members meeting

Robert Marchant (Advisor)

24 Nov 2021

Voice from the Global South – post COP26 session

Robert Marchant (Advisor)
19 Nov 2021

Scenarios of future land cover change for southern Kenya

Robert Marchant (Advisor)
3 Nov 2021

INQUA - East Africa

Robert Marchant (Chair)
25 Oct 2021

ACDI - Africa and the SDGs

Robert Marchant (Advisor)
22 Oct 2021

PhD Viva Lancaster

Robert Marchant (Examiner (external))
13 Oct 2021

COP26 South and West Africa Resilience Series

Robert Marchant (Advisor)
8 Oct 2021

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

Robert Marchant (Advisor)
27 Sept 2021

PAGES traces

Robert Marchant (Advisor)
23 Sept 2021

Horizon Scanning workshop - Imperial College

Robert Marchant (Advisor)
21 Sept 2021 → 22 Sept 2021

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

Robert Marchant (Advisor)
16 Sept 2021

NERC biodiversity and climate

Robert Marchant (Advisor)
15 Sept 2021

Africa and the SDGs

Robert Marchant (Advisor)
13 Sept 2021

COP15 NERC Economics of Biodiversity

Robert Marchant (Advisor)
7 Sept 2021

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

Robert Marchant (Advisor)
27 Aug 2021

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

Robert Marchant (Advisor)
12 Aug 2021

Coastal History Network

Robert Marchant (Advisor)
11 Aug 2021

Carbon Borders Voices

Robert Marchant (Advisor)
10 Aug 2021

Africa COP

Robert Marchant (Advisor)
29 Jul 2021

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

Robert Marchant (Advisor)
28 Jul 2021

External review Plant Conservation Unit

Robert Marchant (Examiner (external))
26 Jul 2021

UNESCO COP forum

Robert Marchant (Advisor)
14 Jul 2021

Traditional knowledge for global biodiversity and development goals

Robert Marchant (Advisor)
12 Jul 2021

Closing Workshop for Climate Research for Development

Robert Marchant (Advisor)
21 Jun 2021

Summer School Anton de Kok University, Suriname

Robert Marchant (Advisor)
21 Jun 2021

Mt Elgon UNESCO workshop

Robert Marchant (Advisor)
10 Jun 2021

UKRI COP26 Adaptation and Resilience Events Series

Robert Marchant (Advisor)
3 Jun 2021

COP26 Science event

Robert Marchant (Advisor)

10 May 2021 → 15 May 2021

Research to innovation: Solutions to the climate crisis in Africa

Robert Marchant (Advisor)

20 Apr 2021

InterSol Conference

Robert Marchant (Advisor)

13 Apr 2021

MRI Governing Body Science Leadership Committee

Robert Marchant (Advisor)

12 Apr 2021

TEN Meeting: Challenges and opportunities of tropical agricultural expansions

Robert Marchant (Advisor)

22 Mar 2021

Art + Anthropocene Virtual Seminar

Robert Marchant (Advisor)

16 Mar 2021

Evaluating the Impact of Cultural Heritage for Sustainable Development

Robert Marchant (Advisor)

2 Mar 2021

Bridging the Gaps: Cultural Heritage for Climate Action

Robert Marchant (Advisor)

24 Feb 2021

Heritage for Our Sustainable Future

Robert Marchant (Advisor)

22 Feb 2021

Africa Research Network at York

Robert Marchant (Advisor)

2021 → 2023

COP 26 Universities Network

Robert Marchant (Advisor)

1 Dec 2020 → 31 Dec 2021

University of Nairobi

Robert Marchant (Advisor)

20 Nov 2019

Attended the African Research Universities Alliance

Robert Marchant (Advisor)

9 Nov 2019

Invited seminar at University of Leicester

Robert Marchant (Advisor)

5 Nov 2019

Exhibition on Pastoralists Under Pressure

Robert Marchant (Advisor)
8 Oct 2019 → 11 Nov 2019

External Examination Nottingham

Robert Marchant (Examiner (external))
1 Sept 2019 → 1 Sept 2022

Tropical Ecosystem Network

Robert Marchant (Advisor)
30 May 2019

Univ Maastricht

Robert Marchant (Advisor)
22 May 2019

Peer review of Ref submission

Robert Marchant (Advisor)
15 May 2019

Academic Mentor for African Academy of Science

Robert Marchant (Advisor)
2019 → 2022

Adaptation and Resilience theme with a team of UK Climate University

Robert Marchant (Advisor)
2019 → 2021

Anton de Kom Universiteit van Suriname

Robert Marchant (Advisor)
2019 → 2020

External Examiner, University of Nottingham

Robert Marchant (Examiner (external))
2019 → 2022

African Mountains under pressure

Robert Marchant (Chair)
19 Jun 2018

Africa Research Network L(a)unch

Stephanie Wynne-Jones (Organiser), Gerard McCann (Organiser), Robert Marchant (Organiser) & Gernot Klantschnig (Organiser)
5 Jun 2018

Do species move, adapt or die

Robert Marchant (Speaker)
20 Jan 2018

ACACIA Theory of Change

Robert Marchant (Advisor)
2018

Africa Network

Robert Marchant (Advisor)
2018

NSF-START teaching

Robert Marchant (Advisor)
2018

Residential summer schools funded through the McArthur Foundation

Robert Marchant (Advisor)
2018

The Tropical Biological Association

Robert Marchant (Advisor)
2018

The role of Green Infrastructure in urban expansion in China

Robert Marchant (Examiner (external))
2018

University of Ghana

Robert Marchant (Advisor)
2018

World University Network 'Global Africa Group'

Robert Marchant (Advisor)
2018 → 2020

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

Robert Marchant (Advisor)
2018 → 2022

Global Mountain Partnership

Robert Marchant (Speaker)
11 Dec 2017 → 15 Dec 2017

EU AAREA to policy workshop

Robert Marchant (Keynote/plenary speaker)
5 Dec 2017 → 6 Dec 2017

International Biodiversity and Ecosystem Services Scenario Africa group

Robert Marchant (Advisor)
2017 → 2019

World University Network Africa Group (Event)

Robert Marchant (Advisor)
2017

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

Suzi Richer (Speaker), Robert Marchant (Speaker), Daryl Stump (Speaker), Carol Lang (Speaker) & Maria De La Cruz Ferro Vazquez (Speaker)
19 Dec 2016

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

Suzi Richer (Speaker), Robert Marchant (Speaker) & Daryl Stump (Speaker)
26 Nov 2016

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

Suzi Richer (Speaker), Robert Marchant (Speaker) & Daryl Stump (Speaker)
23 Aug 2016

Mountain Research Initiative (External organisation)

Robert Marchant (Advisor)
2016

PAGES LandCover Workshop 6 K

Robert Marchant (Organiser)
2016 → 2021

Scientific Leadership Council (SLC) for the Mountain Research Initiative

Robert Marchant (Advisor)
2015 → 2023

Tropical Ecosystem Network

Robert Marchant (Advisor)
2012 → 2018

Awards

22DISCIPLINEHOP-NERC Connecting Blue Carbon Research

Garrett, E., Hudson, P. G. M. B., Marchant, R. & Redeker, K. R.
NATURAL ENVIRONMENT RESEARCH COUNCIL: £35,121.02
1/01/23 → 31/03/23

Projects

0025; Climate Services Sandpit award

Marchant, R.
NATURAL ENVIRONMENT RESEARCH COUNCIL
1/01/16 → 31/03/16

22DISCIPLINEHOP-NERC Connecting Blue Carbon Research

Garrett, E., Hudson, P. G. M. B., Marchant, R. & Redeker, K. R.
NATURAL ENVIRONMENT RESEARCH COUNCIL
1/01/23 → 31/03/23

3D Pollen Project

Marchant, R. & Wilson, O. J.
1/10/22 → 30/09/25

AFRI-Skyfor

Marchant, R.
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.

EUROPEAN COMMISSION

1/09/18 → 31/08/20

ARCC: Adaptation and Resilience to Climate Change

Marchant, R.

1/07/16 → 30/12/20

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

Marchant, R.

7/02/14 → ...

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.

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., Cinderby, S., Marchant, R., Ajala, O. A., Hejnowicz, A. P., Mueller, A., Shackleton, S., Mfunne, J. & Delgado, G.

Development Corridors Partnership

Thorn, J. P. R., Marchant, R., Olago, D., Munisihi, P., Sandbrook, C., Yilong, X. & Conway, D.

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.

EUROPEAN COMMISSION

1/08/09 → 31/07/11

ESRC IAA: Transitioning from infrastructure corridors to development corridors

Marchant, R.

ECONOMIC AND SOCIAL RESEARCH COUNCIL (ESRC)

1/04/19 → 30/12/22

Food and Ecosystem Services in Eastern Africa

Marchant, R.

NATURAL ENVIRONMENT RESEARCH COUNCIL

1/08/10 → 31/01/11

Functions of soil and water ecosystem services for agriculture and forestry

Marchant, R.

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.

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.

EPSRC

1/10/22 → 31/03/23

Green infrastructure for climate adaptation in peri-urban areas

Thorn, J. P. R., Marchant, R., Shackleton, S. & Wijesinghe, A.
1/11/18 → 30/09/20

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

Platts, P. J., Thorn, J. P. R., Marchant, R. & Cuna-Sanchez, A.

KITE - York Institute Tropical Ecosystem Dynamics

Marchant, R.
EUROPEAN COMMISSION
1/09/05 → 31/08/09

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

Thorn, J. P. R., Marchant, R., Kirshner, J. D., Platts, P. J., Jew, E., Ensor, J. & Hill, J.
1/05/19 → 31/07/19

Lion Futures

Marchant, R.
1/04/24 → 31/03/28

Makoko - protecting Kenya's mangroves

Marchant, R.
1/01/19 → 31/12/20

Mountain Sentinels Collaborative Network

Thorn, J. P. R., Marchant, R., Klein, J. A., Reid, R., Nolin, A. W. & Tucker, C. M.
1/05/16 → 1/05/20

Mountain Social-Ecological Futures

Marchant, R.
1/02/24 → 30/04/27

Mountain Social-Ecological Futures

Marchant, R.
1/04/24 → 30/04/27

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

Marchant, R.
1/01/24 → 1/01/27

REAL - Resilience in East African Landscapes

Marchant, R.
EUROPEAN COMMISSION
1/09/13 → 30/08/17

Space for Giants

Marchant, R. & Nyumba, T.

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

Marchant, R.
EUROPEAN COMMISSION
4/01/22 → 17/05/23

Thailand's Land Futures

Marchant, R.
1/04/24 → 31/03/25

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

Marchant, R. & O'Toole, P. J.
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., Jew, E., Tumbo, M., Kalumanga, E. & Marchant, R.