



RESEARCH

Research on SDG 1
Scopus 2015-2019
13 Publications
132 Citations
[Word Cloud](#)

EDUCATION

Example of modules on
SDG 1 in the
departments: History
Economics, Politics
& Anthropology

WIDER STUDENT EXPERIENCE



Using Soil Improvement Technologies (SITs) to Enhance Drought and Nutrient Resilience in Zimbabwean Soils:

<https://sites.durham.ac.uk/GCRF-CDT/tariro-gwandu/>

The kinds of poverty in schools in UK and their impact on student progress

<https://www.dur.ac.uk/education/research/groups/?mode=project&id=942>

Undergraduate

HIST1419 [The Making of Modern Africa](#)
ECON1051 [The Economics of Sustainability](#)
SGIA3671 [The politics of Inequality](#)

Postgraduate

ANTH44215 [Anthropology and Development](#)

Every year during the summer, thousands of students move between properties or away from Durham. During this time, a large amount of waste is generated in our Colleges and in the local area.

The Green Move Out Scheme is a partnership between Durham University, Durham County Council, Durham Constabulary and County Durham Furniture Help Scheme (CDFHS) which aims to reduce waste and to support local charities. This year, the scheme supported the homeless and those coming out of hospital, due to coronavirus hospital pressures.

<https://www.dur.ac.uk/greenspace/greenmoveout/>

END POVERTY IN ALL ITS FORMS EVERYWHERE

Helping women in 'Period Poverty'

Our staff and students have donated an incredible 15,100 sanitary products to help tackle Period Poverty in North East England.

What is Period Poverty?

According to research by children's charity Plan International UK (2017), one in 10 young women (aged 14-21) say they have been unable to afford period products, and 12 per cent have had to improvise sanitary wear due to affordability issues.

The charity says the enduring stigma associated with menstruation, the high cost of period products and a lack of education, make up a 'toxic trio' of period poverty issues that need to be addressed.

Ten collection points were set up across the university, the items donated were then sorted by volunteers and taken to local women's refuges, foodbanks, Sexual Abuse Referral Centres (SARCs), and health centres.

<https://www.dur.ac.uk/community/updates/?itemno=38511>



LOCAL AND GLOBAL

Dr Hong Sun's Solid Wall Insulation Innovation project is a £2.5 Million European Union and Durham County Council funded initiative to deliver a 'Whole Place' energy efficiency innovation programme to 210 fuel poor homes in 5 former mining villages of South Moor, Ramshaw, Cockfield and Ferryhill. <https://www.dur.ac.uk/dei/projects/solidwallii/>

Durham University Business School and the Milfield House Foundation are currently funding the work of the North East Child Poverty Commission <https://www.dur.ac.uk/business/research/management/ilg/child-poverty/>

Dr Ashraf Osman's WindAfrica project is a £1.27M GCRF project to accelerate the development of wind energy in Africa by providing reliable and economical foundation solutions, led by Durham University. <http://community.dur.ac.uk/wind.africa/>

One in 10 young women (aged 14-21) say they have been unable to afford period products



END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION & PROMOTE SUSTAINABLE AGRICULTURE

RESEARCH

Research on SDG 2
Scopus 2015-2019
50 Publications
766 Citations
[Word Cloud](#)

Prof Ari Sadanandom's Mitigating Flood Risks in Rice production in the Indian Subcontinent The project aims to produce new versions of the rice gene SUB1A (alleles) that are more stable during prolonged flooding and therefore generate enhanced submergence tolerance in rice grown in the Indian Subcontinent:
<https://sites.durham.ac.uk/GCRF-CDT/wp-content/uploads/sites/21/2020/04/2711-DUIO-GCRF-CDT-Coordinator-RGB-Screen-003.pdf>

EDUCATION

Example of modules
on SDG 2 in the
departments:
Biology & History

Undergraduate
BIOL3611 [Crops for The Future](#)

Postgraduate
HIST45630: [The Four Horsemen: Pestilence, War, Famine and Death](#)

Durham University Student Volunteering and Outreach (DUSVO) is a student-led, community-focused organisation offering unique volunteer opportunities to Durham students including helping at foodbanks. This year we have had over 2,200 University students volunteering, contributing more than 20,000 hours to the community. DUSVO has been honoured with The Queen's Award for Voluntary Service, and meet the UK's Investing in Volunteers (IiV) quality standards. for more details:

<http://community.dur.ac.uk/community.action/>

Durham Foodbank is part of The Trussell Trust's network of 428 foodbanks, working to tackle food poverty and hunger in our local communities, as well as across the UK. Volunteer work with the Foodbank is crucial to the smooth running of the ever-growing operation. Durham University Staff sign up as a department for a team challenge to help community organisations The Durham Foodbank is part of the open challenges where staff sort donations and make up food parcels. Students organised 'The Big Distance' Fundraiser in May 2020 and raised £925 for Durham Food Bank

<https://www.dunelm.org.uk/newswire/durham-alumni---newswire-st-cuths-june-2020->

The Love Food Hate Waste campaign aims to reduce unnecessary college dining hall plate food waste.

<https://www.dur.ac.uk/greenspace/waste-management/wastecampaign/lfhw/>

LOCAL AND GLOBAL

Northern Universities in the UK work together under the N8 Agri-Food Resilience Programme Durham contribution to Agritechnology guaranteeing sufficient, safe and nutritious food for a growing, increasingly affluent population is a significant long-term global challenge, beyond the capabilities of any single research group or university. The breadth of the challenge requires an integrated, large-scale, multi-disciplinary research effort.

This is the ambition of the N8 universities, underpinned by a unique seven-year track record across the partnership in delivering collaborative programmes in research, equipment sharing and industry engagement
<https://www.dur.ac.uk/dccit/n8agrifood/>

Soil Health - Brownfield land - The ROBUST project is bridging the gap between engineering and social science to consider the social impact of the small, low-value brownfield sites they aim to regenerate
<http://www.robustdurham.org.uk/>
<https://www.dur.ac.uk/research/directory/staff/?mode=pdetail&id=2208&sid=2208&pdetail=89123>

In 2018/19, The Foodbank Network provided 1,583,668 three-day emergency food supplies and support to UK people in crisis. Of these, 577,618 went to children.



RESEARCH

Research on SDG 3
Scopus 2015-2019
1195 Publications
18054 Citations
[Word Cloud](#)

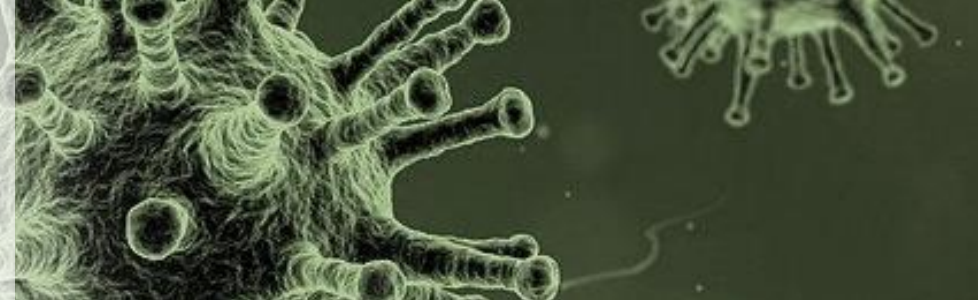
EDUCATION

Example of modules
on SDG 3 in the
departments:
Anthropology
Biology & Sports

WIDER STUDENT
EXPERIENCE



ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES



TB is the world's deadliest infectious disease and causes nearly 1.5 million deaths each year, find out what we are doing:

<https://www.dur.ac.uk/research/news/item/?itemno=42306>

Prof Claire Horwell works in preparing communities for volcanic eruptions:

<http://community.dur.ac.uk/hive.consortium/>

Undergraduate

ANTH1041 Health, Illness and Society
ANTH2141 Global Health and Disease
BIOL3531 Stem Cells and Tissue Engineering
SPRT2441: [Sport, Health and the Environment](#)

Postgraduate

ANTH43615 Anthropology of Global Health
ANTH46215 Advanced Specialised Aspects in Health and Medical Anthropology

The Student Experience & Wellbeing team work to support Durham students' education and personal development. Their work is co-ordinated & developed across the Colleges through engaging with students & college staff. They also work in partnership with students to raise awareness in key areas as they relate to students' educational & personal development needs, incl: Drugs & alcohol, Sexual violence & consent, Living safely in the city, Personal wellbeing & health, Looking out for others:

<https://www.dur.ac.uk/colleges.se.office/wellbeing/>

Hearing Voices

Hearing the Voice is a large interdisciplinary study of voice-hearing led by researchers at Durham University and funded by the Wellcome Trust.

People who hear voices, their families and mental health professionals will benefit from a new information and support website based on research by Durham University. Understanding Voices is the work of our Hearing the Voice project and will provide accessible information and resources to improve the lives of people who hear voices and to increase awareness of voice-hearing. Voice-hearers can be people who have been diagnosed with mental health problems: schizophrenia, post-traumatic stress disorder, psychosis or obsessive compulsive disorder and those who have never received or needed psychiatric support.

<https://www.dur.ac.uk/hearingthevoice/>
<https://hearingthevoice.org/>

LOCAL AND GLOBAL

Our researchers who are investigating whether specially trained dogs can sniff out Covid-19 in humans. The research is a collaboration between Medical Detection Dogs, the London School of Hygiene & Tropical Medicine and Durham University.

<https://www.youtube.com/watch?v=9w39L8BurGg>

<https://www.dur.ac.uk/research/news/item/?itemno=42507>

A team of highly skilled technical staff presented ideas, formulated solutions and developed a manufacturing procedure to produce batches of face visors for use by healthcare workers in the region. [fight against coronavirus](#)

Durham University has set up many initiatives to tackle Neglected Tropical Diseases and Malaria

<https://ntd-network.org/> <https://www.dur.ac.uk/wolfson.institute/cgid/>

<https://gtr.ukri.org/project/A6791B37-8F23-42AC-9EAD-BB81ABECA079>

<https://www.bovanetwork.org/about/the-problem>

Breathing in Isolation: support with anxiety & breathlessness during lockdown <https://lifeofbreath.org/> Find out more about the Life of Breath Project <https://www.dur.ac.uk/cmh/lifeofbreath/>

Up to one in 10 people in the UK will hear voices no-one else can and as many as one in 50 hear voices on a regular basis



ENSURE INCLUSIVE & EQUITABLE QUALITY EDUCATION & PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

RESEARCH

Research on SDG 4
Scopus 2015-2019
14 Publications
101 Citations
[Word Cloud](#)

EDUCATION

Example of modules
on SDG 4 in the
department of
Education

WIDER STUDENT
EXPERIENCE

Activating the Arts for International Development: Community Education Innovative Models & Transnational Networks
<https://gtr.ukri.org/projects?ref=AH%2FS005803%2F1>

Establishing Routes for Sustainable Education:
<https://www.thebritishacademy.ac.uk/projects/early-childhood-education-examining-role-schooling-cognitive-wider-development-punjab-pakistan-gujarat-india/>

Game Changer: New ideas contributing to the SDGs:
<https://www.dur.ac.uk/careers/students/enterprise/gamechanger/>

Durham MBA ranked in Global Top 10 for Sustainability
<https://www.dur.ac.uk/business/news-and-events/news/article/?id=40255&itemno=40255>

Undergraduate
EDUC2351: [Higher Education: Issues of Exclusion and Inclusion](#)
EDUC3291: [Citizenship Education](#)

Postgraduate
EDUC40630: [Education Policy and Evaluation](#)

The Durham University Global Challenges Centre for Doctoral Training is an innovative centre currently consisting of a cohort of 24 international PhD students, all citizens of a developing nation. Each student is undertaking a fully funded PhD programme aligned with one or more of the United Nations SDGs:
<https://sites.durham.ac.uk/GCRF-CDT/>

There are many other CDTs that provide extra opportunities for postgraduate students:
<https://www.dur.ac.uk/study/pg/studyoptions/research/dtc/>

STEM is a curriculum based on the idea of educating students in four specific disciplines: science, technology, engineering and mathematics, in an interdisciplinary and applied approach.

Gratefully supported by the British Council, we are delighted to offer six fully funded scholarships for female students from the America's interested in pursuing master's studies in the 2021/22 academic year. Scholarships will be awarded to women with a background in STEM, who can demonstrate their need for financial support and who wish to inspire future generations of women to pursue careers in STEM.

The British Council has launched the scholarship programme in partnership with 19 UK universities aimed at benefiting women from the Americas, South Asia and South East Asia.

[Study : British Council Scholarships for Women in STEM - Durham University](#)

LOCAL AND GLOBAL

Bridging the Education Gap

Billions of pounds of funding to raise the educational attainment of children from disadvantaged backgrounds is being targeted more effectively by schools using the Pupil Premium Toolkit developed by Durham University.
<https://www.dur.ac.uk/research/showcase/ref/case-studies/education-gap/>

Improving the educational outcomes of children starting school in six countries

iPIPS is a unique international study of children starting school which has the potential to fill an important gap. It will provide policy-relevant information about children starting school and their progress during the first year, helping to answer questions about the progress that children make, around the world <http://www.ipips.org/>

By 2024, around 2.5 million jobs requiring science, engineering, technology and research skills will need filling



RESEARCH

Research on SDG 5
Scopus 2015-2019
82 Publications
782 Citations
[Word Cloud](#)

EDUCATION

Example of modules on
SDG 5 in several
departments:
Modern Languages,
Geography, Law

WIDER STUDENT
EXPERIENCE

Transport as gendered employment practice in sub-Saharan Africa

<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Youth engagement and skills acquisition within Africa's transport sector: promoting a gender agenda towards transitions into meaningful work

<https://transportandouthemploymentinafrica.com/>
<https://gtr.ukri.org/projects?ref=ES%2FS005099%2F1>

Undergraduate

ENGL2781: [Writing Women: Gendering Literature, c.800-1600](#)

GEOG3161: [Geography, Gender And Change](#)

Postgraduate

LAW45315: [Advanced Issues in Human Rights](#)

Anne-Marie Imafidon Scholarships for Women in Technology

The AMI scholarships showcase the outstanding calibre of our students and create future cohorts of ambassadors, who we hope will champion the fantastic developments underway in the Department and encourage more talented young women to join our CS community here at Durham in the future.

<https://www.dur.ac.uk/computer.science/about/diversity/scholarship/>

ACHIEVE GENDER EQUALITY ANDEMPower ALL WOMEN AND GIRLS

How we started a #womenintech revolution

In 2019, TechUPWomen was launched, a programme that aims to take 100 women from the Midlands and the North of England, particularly those from underrepresented BAME communities, and retrain them through an intensive six month course in Computer Science. At the end of the programme, the participants may have the opportunity to interview with a company for an internship, apprenticeship, full-time, or part-time position. TechUPWomen recently scooped a national award at the Digital Agenda Impact Awards, which celebrates how technology and innovation improves lives and recognises initiatives that change ways into employment and increase skills.

<https://www.dur.ac.uk/research/news/item/?itemno=42100>

<https://www.dur.ac.uk/computer.science/diversity/techup/>

We've been working hard to create more diversity in both education and the tech industry. We're delighted we've doubled our number of female computer science students in

<https://www.dur.ac.uk/research/news/item/?itemno=42597>

LOCAL AND GLOBAL

That Disease: Performing Cancer in the Arab World. Cancer is taboo in Arab culture – it has been lived with (and died with) silently and invisibly for a very long time. And so it wasn't possible to stage a play on women's experiences of cancer without drawing attention to this 'silence' – the silence of prohibition, shame and, yes, death.

<https://www.dur.ac.uk/owri/impact/cancer/iamwaitingforyou/>

<https://www.dur.ac.uk/owri/subprojects/thatdisease/>

Aurora is Advance HE's leadership development initiative for those who identify as women. It runs as a unique partnership bringing together leadership experts and higher education institutions to take positive action to address the under-representation of women in leadership positions in the sector.

<https://www.dur.ac.uk/od/training/courses/leadership/aurora/>

Giving Women a voice in disaster risk reduction

https://www.youtube.com/watch?list=RDCMUCmY_I-JTJH-ztouzuc9pDMg&v=EOLjLimvW5M&feature=emb_rel_end

Although nearly 70 percent of the women surveyed from across the UK said they would be interested in jobs in the tech sector, only 17% of the tech workforce is female!



RESEARCH

Research on SDG 6
Scopus 2015-2019
36 Publications
460 Citations
[Word Cloud](#)

EDUCATION

Examples of modules on
SDG 6 in the departments:
Earth Sciences,
Geography,
Engineering

WIDER STUDENT
EXPERIENCE



The politics and ethics of water security in Cape Town
<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Governing the energy-water nexus; sustainable resource governance for development in Turkey
<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Undergraduate

GEOL3041: [Environmental Geochemistry](#)
GEOG3797: [Research Frontiers in Hydrology](#)

Postgraduate

ENGI4387: [Hydrology and Water Resources](#)

Championing the Role of Geology in Sustainable Development – DU is facilitating a new undergraduate society to encourage geoscience students across the UK to recognise their role in reaching the SDG's, and promote the work that Geology for Global Development continues to do in reaching the SDG's.

<https://www.youtube.com/watch?v=RP9CuLPwVaY&feature=youtu.be>
<https://www.geolsoc.org.uk/sustainabledevelopment>

ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

In dry climates with very little rainfall or in countries where ground water is contaminated through mining, we need to find other ways to get clean drinking water.

We can do this by collecting fog which develops in all kinds of climates. We are developing smart surfaces, ultrathin functional coatings and minuscule layers, that can efficiently collect, channel and purify water from fog so that more people can have access to clean drinking water.

Prof Jas Pal Badyal's approach to develop new surfaces is bio-inspired; we try to learn from nature by looking at plants and insects that manage to survive in dry climates. Watch below video to find out How surface science can solve global problems

<https://www.youtube.com/watch?v=NaiuCzS2cgc>



LOCAL AND GLOBAL

Durham University cooperates with local, national, global governments on water security <https://www.thewaterhub.org.uk/>

Durham's researchers have set up 'The Water Hub', a project of our Institute of Hazard, Risk and Resilience, is a partnership with Durham County Council, the Environment Agency and Northumbrian Water to ensure society's water use remains sustainable for years to come <https://www.dur.ac.uk/research/themes/news/?itemno=38361>

River deltas comprise just 1% of global landscapes yet support over half a billion people. Deltas are vital social-ecological systems and global food-baskets, but the terrain and the livelihoods of those who rely on them are under threat from human exploitation, environmental degradation and climate change. Focusing on three deltas in Asia, this Hub will operate on a model of equitable partnership with the delta-dwellers and the research community working together to develop new knowledge and policies. The aim of the Hub is to safeguard delta futures through more resilient communities and sustainable development <https://www.dur.ac.uk/ihrr/research/gcrf/>
<https://www.livingdeltas.org/>

More than a billion people in the world don't have access to clean drinking water

7 AFFORDABLE AND CLEAN ENERGY



RESEARCH

Research on SDG 7
Scopus 2015-2019
200 Publications
2802 Citations
[Word Cloud](#)

EDUCATION

Examples of modules
on SDG 7 in the
departments Earth
Sciences, Engineering,
Anthropology

WIDER STUDENT
EXPERIENCE



Research helps transform coal mine into geothermal heat source:.

<https://www.dur.ac.uk/research/news/item/?itemno=41564>

The development and characterisation of “green” ionic liquid solvents for algal biofuel extraction.

<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Undergraduate

GEOL1111: [Environment and Resources](#)

Postgraduate

ENGI44R10: [Decarbonisation of Heating and Cooling](#)

ENGI4447: [Renewable Energy Technologies 4](#)

ANTH44630: [Context and Challenges in Energy and Society](#)

Durham University provides programmes for all to learn about importance of energy efficiency and clean energy;

Durham Energy Institute hosts open lectures, workshops with students, staff, community groups and residents groups

<https://www.dur.ac.uk/dei/events/past.events/>

ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL

We’ve won major funding (over £4 million in funding) for three new research projects to decarbonise heat which will significantly reduce UK greenhouse gas emissions.

Researchers in Durham Energy Institute (DEI) will develop technology and processes to decarbonise heating and cooling across homes, businesses and industry.

The three research projects we will be working on are:

Seasonal solar energy storage and heat pump system

A network for heating and cooling

Decarbonising low temperature industrial process heat

<https://www.dur.ac.uk/research/news/item/?itemno=42073>



LOCAL AND GLOBAL

Since 2017, we have taken our 100% green electricity supply via the Energy Consortium (TEC) and EDF Energy. Our power will be supplied from the new Blyth Offshore wind farm off the North East coast. <https://www.dur.ac.uk/resources/greenspace/energy/2017EnergySupplyandBlythOffshoreWindFarm.pdf>

The Durham Heat Hub brings together heat research and heat decarbonisation initiatives across the North East to support the transition away from fossil fuel heating towards smart and renewable systems. <https://durhamheathub.com/>

New floating energy platforms provide an alternative to fossil fuels. As part of a UK based consortium led by Frontier Technical, two Durham anthropologists will carry out research in coastal communities in Bangladesh and India to understand how floating renewable energy platforms should be designed to give coastal communities to access stored and transferable clean energy:

<https://www.dur.ac.uk/research/news/item/?itemno=41879>

If the UK is to achieve its aim of reaching net-zero carbon by 2050, we must lead the way for new projects to drive us towards this goal



PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL



RESEARCH

Research on SDG 8
Scopus 2015-2019
123 Publications
1236 Citations
[Word Cloud](#)

Law's Dynamic Effects: The Case of South Africa
<https://www.dur.ac.uk/law/policyengagement/ufw/africa/dynamineffects/>

Art and creativity in HIV/AIDS Prevention and Empowerment Among Young People in Uganda
<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Undergraduate

LAW3351: [Comparative Constitutional Law](#)
ECON1091: [Introduction to Economic Ethics](#)
HIST1601: [Society and Culture in China Under The Ming and Qing Dynasties](#)
FREN2061: [The Francophone Imaginary: Legacies Of Colonialism In Literature And Culture](#)

Postgraduate

LAW44915: [Global Environmental Law](#)

Durham University Inside-Out Prison Exchange Programme
Inside-Out is a model of teaching whereby a group of 'Outside' (university) students go in to a local prison each week to be taught alongside and as equals with a group of 'Inside' (prison) students, completing the same readings and assessments. Together students explore issues of criminal justice with the aim of creating a transformative learning experience through critical thinking, collaborative problem solving and group work, whilst challenging the preconceptions that they and their peers may previously have held.

<https://www.dur.ac.uk/sociology/crim/insideout/>

What are Unacceptable Forms of Work (UFW)?

The International Labour Organization (ILO) emphasises that UFW can take many forms. It has defined UFW as working conditions that 'deny fundamental principles and rights at work, put at risk the lives, health, freedom, human dignity and security of workers or keep households in conditions of extreme poverty'.

Research by Deirdre McCann and Judy Fudge has generated a Multidimensional Model of Unacceptable Work. The report identifies 12 dimensions of Unacceptable Forms of Work, which highlight the many different ways that UFW can appear in workplaces communities across the world

<https://www.dur.ac.uk/law/policyengagement/ufw/ufw/theufwproject/whatareufw/>

LOCAL AND GLOBAL

Durham University is proud to be a signatory of the Technician Commitment. The Technician Commitment is a sector-wide, collaborative initiative led by the [Science Council](#) and supported by the Gatsby Charitable Foundation's [Technicians Make It Happen](#) campaign:
<https://www.dur.ac.uk/technician.commitment/>

Improving working conditions in Africa

<https://www.dur.ac.uk/news/newsitem/?itemno=39624&rehref=%2Fnews%2Farchive%2F&resubj=Headlines>
<https://www.dur.ac.uk/law/policyengagement/ufw/africa/rethabilesstory/era/>

Video full version <https://www.youtube.com/watch?v=jqTHTZBu64s>

Concerns around trafficking, forced labour and slavery (TFLS) have grown in recent years, with increasing attention being paid to TFLS within businesses' supply chains. In response, a diverse range of initiatives have been launched to address the TFLS-supply chain nexus
<https://www.dur.ac.uk/geography/tfls-policy-briefs/>

The UFW agenda recognises that an expanding segment of the global workforce is in insecure, unsafe and low-paid labour



RESEARCH

Research on SDG 9
Scopus 2015-2019
33 Publications
646 Citations
[Word Cloud](#)

EDUCATION

Examples modules on
SDG 9 in the
departments
Economics, Business,
Anthropology,
Engineering

WIDER STUDENT
EXPERIENCE



The project Smart Urban Resilience aims to understand how smart city and urban digital technologies play a role in building urban resilience through changing the ways in which citizens prepare and respond to natural disasters and emergencies
<https://www.dur.ac.uk/ihrr/research/smarturban/>

Using machine learning and satellite radar to detect “silent” earthquakes in the Zagros Mountains, Iran
<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Undergraduate

ECON3061: [Industrial Organisation](#)

Postgraduate

BUSI47T15: [Sustainability, Ethics and Change \(Online\)](#)

ANTH43030: [Society, Energy, Environment & Resilience:](#)

[Applied Environmental Anthropology](#)

ENGI4487: [Smart Energy Networks 4](#)

Platinum standard for EcoCampus

It’s really important to us that we take good care of our environment. So we’re proud to have met the requirements of the Gold standard for EcoCampus, a scheme that helps UK colleges and universities manage their environmental impacts.

Students and staff can bid for funding for projects to reduce our carbon emissions. Since 2011, we’ve awarded £670,000 to over 100 projects. These have saved nearly 4,000 tonnes of carbon dioxide emissions.

[Top green ranking - Durham University](#)

**BUILD RESILIENT
INFRASTRUCTURE,
PROMOTE INCLUSIVE AND
SUSTAINABLE
INDUSTRIALIZATION AND
FOSTER INNOVATION**

A BREEAM assessment is undertaken on all our new University buildings
<https://www.dur.ac.uk/resources/green-space/local/EBDurhamUniversitySustainabilityinBuildings2.pdf>

We want to grow the University in a way that builds community and so that the benefits are felt across our City and region. So we’re excited to have completed our Mount Oswald development.

The Mount Oswald site includes a new home for John Snow College and our brand-new South College, both of which welcomed their first students from September 2020.

New cycle lanes and pathways around campus will be in place for the start of the 2020-21 academic year.

Staff and students at both Colleges want to build links and friendships with their neighbours.

Several productive meetings have been held with local residents and we’re looking forward to contributing positively to the community at Mount Oswald and across the south of the City.

<https://www.dur.ac.uk/community/updates/?itemno=42559&rehref=%2Fcommunity%2F&resubj=Headlines>



LOCAL AND GLOBAL

DU energy institute is active within local, regional and national government and has changed the content of the recent Infrastructure Act and well as speaking in the House of Commons and at political party events in Brighton and Manchester (in 2019)

<https://www.dur.ac.uk/dei/news/?itemno=39695>

Led by Durham University, NATURVATION involves 14 institutions working in fields as diverse as urban development, innovation studies, geography, ecology, environmental assessment and economics to understand how innovations with nature-based solutions can unlock the potential for sustainable urban development.

<https://www.dur.ac.uk/ihrr/research/naturvation/>

<https://www.naturvation.eu/>

Sustainability and Resilience of Transportation Infrastructure in African Countries

<https://www.dur.ac.uk/engineering/research/sustainable/>
<https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/P029671/1>

A Building Research
Environmental Assessment
Method (BREEAM) is a
sustainability assessment
method for masterplanning
projects, infrastructure and
buildings



REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES



RESEARCH

Research on SDG 10
Scopus 2015-2019
96 Publications
1167 Citations
[Word Cloud](#)

Equal North: how can we reduce health inequalities in the North of England? A prioritization exercise with researchers, policymakers and practitioners. [Dr Hillier-Brown - Durham University](#)

Law's Dynamic Effects: The Case of South Africa
This project centres on the recently introduced National Minimum Wage (NMW) in South Africa.
[2711-DUIO-GCRF-CDT-Coordinator-RGB-Screen-003.pdf \(durham.ac.uk\)](#)

EDUCATION

Examples of modules on
SDG 10 in the
departments
Archaeology, History
Anthropology

Undergraduate
ARCH1111: [Ancient civilizations of the East](#)
HIST20C1: [Gender and Sexuality During Britain's Long Twentieth Century \(LM\)](#)

Postgraduate
ANTH44215: [Anthropology and Development](#)

The Student Art Prize was launched in October 2019 to expand opportunities around creativity and to develop a new permanent student art collection, housed within the university's wider art collection, but available as a resource for the whole community.

The theme chosen for this first iteration was 'diversity', a subject chosen to allow a wide range of exploration and conceptualisation by the artists, and a reference to the lack of diversity within some traditional canons of art history.
[Art Collection : Student Art Prize Archive 2019/20 - Durham University](#)

Durham University have supported Pride from the beginning and we are proud to contribute to grow LGBT + (Lesbian, Gay, Bisexual and Transgender) visibility in County Durham. In 2019 we saw the biggest Pride event yet with over 25,000 attending.

[Equality, Diversity and Inclusion : Pride - Durham University](#)

The purpose of Pride is celebrate the LGBT community and the progress that has been made and the importance of this progress but more importantly to highlight what still needs to change. The Staff LGBT Network has always supported Durham Pride with one of the Pride Committee's original members a member of the University and Network.

In 2009, the University launched the LGBT+Network, the network is open to all LGBT+ staff and postgraduate students, as well as their partners, friends and anyone else with an interest in LGBT+ .

[Durham LGBT+Network - Durham University](#)

LOCAL AND GLOBAL

Northern Power is a consortium – led by Durham University – of eight universities and eight companies aimed at boosting the representation of women, disabled and LGBT+ people, and people from Black and Minority Ethnic backgrounds in Engineering and Physical Sciences in the North of England. The project is generously supported by the Engineering and Physical Sciences Research Council. [Equality, Diversity and Inclusion : Inclusion Matters - Northern Power - Durham University](#)

Durham University is part of 'Knowledge in Action for Urban Equality' (KNOW) a global consortium of researchers and partners across 13 institutions, focusing on nine countries in Asia, Africa, and Latin America. KNOW seeks to deliver transformative research and capacity-building for innovation in policy and planning to promote urban equality.

KNOW is guided by the aspiration to produce more equal cities. It focuses on three development challenges: delivering prosperity, tackling extreme poverty and building resilient cities. [Knowledge in Action for Urban Equality KNOW | London | urban-know.com \(urban-know.com\)](#)

Data published by the International Gay and Lesbian Association (ILGA World) shows there are many countries throughout the world that continue to criminalise and oppress LGBT+ people



MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

RESEARCH

Research on SDG 11
Scopus 2015-2019
127 Publications
1757 Citations
[Word Cloud](#)

Demonstrating the global reach and impact of the Department of Archaeology's research, this UNESCO archaeological project, co-directed by Professor Robin Coningham, has dramatically altered how Lumbini, the birthplace of the Buddha, is managed and protected.
<https://www.dur.ac.uk/archaeology/research/impact/lumbini/>

Rainfall runoff modelling for flood forecasting in Indonesia
[GCRF-CDT-project](#)

EDUCATION

Examples of modules on SDG 11 in the departments
Accounting, Geography,
History, Engineering

Undergraduate
ACCT1051: [Business Environment and Functions](#)
GEOG3741: [Remaking Urban Landscapes](#)
HIST3873: [Worlds Apart: The City in Late Medieval England](#)

Postgraduate
ENGI4367: [Transportation Infrastructure Engineering 4](#)

Our students get to stage productions in unique settings around Durham, including the imposing Great Hall and intimate Norman Chapel of Durham Castle.
Our unique relationship with [Durham's UNESCO World Heritage Site](#) means the spectacular Durham Cathedral also hosts regular student performances, including major concerts with hundreds of student musicians and atmospheric drama performed in this world-famous venue.
<https://www.dur.ac.uk/experience/drama/>

We are located in a high-quality environment and are committed to maintaining, and wherever possible, improving the quality of our environment, both for the people who live, work and study in the University and for the wider community. This commitment is reflected in our policies, which seek to make us one of the most environmentally sustainable universities in the UK. The Integrated Sustainable Travel Plan directly support the following SDGs, Good Health and Well-Being, Sustainable Cities and Communities and Climate Action. We will ensure all members of our University community are fully aware of their environmental and social impacts, personal and collective, and encourage them all to develop a sustainable approach to their work and lifestyle. The University is therefore committed to helping all staff and students, working with local communities, to live more sustainably, with respect to the environment and society.

[Greenspace : Integrated Sustainable Travel Plan - Durham University](#)

LOCAL AND GLOBAL

Some of Durham University's world-leading experts seek to inspire members of the public in their chosen field during our [Saturday morning science programme series](#).
[World-leading researchers to speak at Saturday Morning Science - Durham University](#)

'Brownfield' is land which has been previously developed and is sometimes contaminated with industrial pollutants. Low-value brownfield land is often of less interest to property developers and only marginally polluted but these sites are often situated in the heart of communities and provide people's nearest countryside. Therefore they have a significant impact on people's health and wellbeing. The ROBUST project engages with local communities to reclaim these low-value brownfield sites to improve their local environment and quality of life
[ROBUST \(robustdurham.org.uk\)](#)

Led by Durham University, six cities (Barcelona, Utrecht, Leipzig, Malmö, Győr and Newcastle) are partners in NATURVATION and will convene urban-regional innovation partnerships (URIPs) with strategic urban government, business and civil society organisations. The URIPs will provide insights into the variety of ways in which nature-based solutions are being used in different urban conditions.
[Cities | NATURVATION](#)

75% of reporting zones in the UK still have illegal levels of air pollution.



RESEARCH

Research on SDG 12
Scopus 2015-2019
50 Publications
999 Citations
[Word Cloud](#)

EDUCATION

Examples of modules
on SDG 12 in the
departments
Geography, Business
Philosophy,

WIDER STUDENT
EXPERIENCE



A whole lifecycle approach to solar PV in India, managing the operation, end-of-life recycling. [GCRF-CDT-projects.pdf](https://www.dur.ac.uk/research/directory/staff/?mode=pdetail&id=11444&sid=11444&pdetail=120155)

How the research and teaching activities of UNESCO Chairs contribute to the UN SDGs.

<https://www.dur.ac.uk/research/directory/staff/?mode=pdetail&id=11444&sid=11444&pdetail=120155>

Undergraduate

GEOG30G7: [Critical Resource Geographies](#)

BUSI2131: [Managing In A Global Environment](#)

Postgraduate

PHIL41615: [BUSINESS ETHICS 2: Society and Sustainability](#)

Part of the genesis of the fair trade movement started at St John's College. Fair trade pioneer Richard Adams, a student at St John's in the 60s, developed Tearcraft and Traidcraft which supplied St John's 'Third World Shop' almost a decade later. For over 30 years St John's College's keen support for trade justice has been demonstrated in their enterprising Fairtrade shop, today called the Just World Shop. Set up in 1976 by a team of students, it is most likely [the oldest Fairtrade shop](#) in the world. Today the shop has grown to be a thriving enterprise, offering a unique opportunity for student and the wider community to challenge issues of trade justice and buy fair trade goods.

ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

Durham University strives to be a Fairtrade champion. The University has been accredited by the Fairtrade Foundation since 2007. Led by the Fairtrade Steering Group and driven by the Fairtrade Policy, the University works hard both to increase the range of Fairtrade products sold on campus, and also to raise awareness of the issues. [Greenspace : Fairtrade](#)

Responsible Procurement

The University acknowledges that its purchasing decisions have major socio-economic and environmental implications, both locally and globally and therefore expects that relevant ethical and sustainability standards are applied to business transactions.

The Procurement Service will guide customers through sourcing exercises to ensure that ethical, social and environmental considerations are built in where relevant and that procurement decisions are based on a balance between economic, social and environmental factors
[Procurement Service : Responsible Procurement - Durham University](#)



LOCAL AND GLOBAL

Our Durham University Business School has committed to the 'Ethics, Responsibility and Sustainability' (ERS) agenda. One of our longer-standing commitments in relation to ERS has been to the UN initiative Principles for Responsible Management Education (PRME), of which the School has been a member since 2012. Part of this membership commitment involves providing a 'Sharing Information on Progress' (SIP) report every two years. We believe that our Vision, Mission and Strategic Framework are entirely consistent with the Principles for Responsible Management Education and the development of our work in relation to the six principles is, and will continue to be, an essential component of who we are as a School. Read our latest PRME Sharing Information on Progress Report 2020 [PRMESIP2020FINAL.pdf \(dur.ac.uk\)](#)

We launched a competition where four winning teams have had the opportunity to see their storyboards turned into animations on the interconnectivity of the SDGs. These animations are usable by all the institutions involved. Participants joined from 14 different institutions world-wide.

The four educational SDG animations have been made in collaboration with our global south partners (Bangladesh, India and South Africa). The animation '[Chocolate: Bean to Bean](#)' describes the interconnectivity between SDG12, SDG13 and SDG15.

Products carrying the Fairtrade mark adhere to rigorous rules to protect workers and the environment



RESEARCH

Research on SDG 13
Scopus 2015-2019
380 Publications
6434 Citations
[Word Cloud](#)

EDUCATION

Examples of modules on
SDG 13 in the
departments Earth
Sciences, Biology,
Chemistry

WIDER STUDENT
EXPERIENCE



A major climate assessment known as the Ice Sheet Mass Balance Inter-comparison Exercise (IMBIE), recently published in Nature some of the latest climate change evidence.

<https://www.dur.ac.uk/dei/events/greengb/climatechange/>

Understanding the impact of climate and climate change on water and food security in Guyana

<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Undergraduate

GEOL2171: [Isotopes and Climate](#)

BIOL3491: [Stress And Responses To The Environment](#)

Postgraduate

GEOL4141: [Earth System And Climate IV](#)

CHEM4481: [Advanced Research Concepts In Chemistry](#)

We work in partnership with [Durham County Council](#) to organise 'Footprint' an annual public engagement event. Footprint is an environmental conference which aims to generate discussion around the subject of climate change. It is open to everyone who would like to come and join in. Footprint aims to host a range of talks, workshops, debates and art exhibits all themed around different aspects of climate change. The delegates attending vary in scope from local to Durham city to nationwide and even Globally.

<http://footprintconference.co.uk/about.html>

<http://footprintconference.co.uk/Footprint2019.html>

TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

As a world-leading research - intensive university, we are committed to tackle climate change. We are working to deliver the mandate under Article 12 of the Paris Agreement "to enhance climate change education, training, and public awareness". Below some examples of what we are doing to protect our environment:

We have renewable technologies including ground source heat pumps and solar panels on campus so we can generate our own electricity. In 2018/19, we generated enough to power 80 homes for a year. Students and staff can bid for funding for projects to reduce our carbon emissions. Since 2011, we've awarded £670,000 to over 100 projects. These have saved nearly 4,000 tonnes of carbon dioxide emissions.

We use zero carbon electricity, generated through off-shore wind farms. This has helped us to reduce the carbon footprint of our electricity use by nearly half since 2005. We don't invest in companies involved in fossil fuel extraction.

[Gold standard for EcoCampus - Durham University](#)



LOCAL AND GLOBAL

Plastech Innovation, a North-East based startup and joint venture with Durham University is developing patentable technologies to transform post-consumer, post-industrial and pre-manufacture waste plastic into plastic aggregates for use in construction materials. <https://www.plastechinnovation.co.uk/about-us/>

The BIOPICCC project is based on academic research, carried out in collaboration with a number of non-academic partners representing agencies and communities concerned with how to ensure continuity of care for older people during extreme weather events. [Built Infrastructure for Older People's Care in Conditions of Climate Change \(BIOPICCC\) - Durham University](#)

Evidence from Earth's past warming events should be built into forecasts showing how today's climate change could affect different species and ecosystems. Durham's bioscientists were part of an international team of researchers that identified and examined past increases in temperature similar to those anticipated in the coming decades.

The research aims to better understand how species and ecosystems will cope in a warming climate.

[Understanding past warming can limit climate change effects - Durham University](#)
[Using paleo-archives to safeguard biodiversity under climate change | Science \(sciencemag.org\)](#)

The climate crisis is the greatest challenge faced by the global population



CONSERVE AND SUSTAINABLY USE THE OCEANS, SEA AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT



RESEARCH

Research on SDG 14
Scopus 2015-2019
205 Publications
3484 Citations
[Word Cloud](#)

Our researchers have helped record the highest level of microplastics ever found on the ocean floor – with up to 1.9 million pieces in an area of just one square metre.

[Largest amount of microplastics found on ocean floor - Durham University](#)

The Tragedy of Common Heritage: Environmental Conservation and the Exploitation of the Resources of the Deep Sea Bed [2711-DUIO-GCRF-CDT-Coordinator-RGB-Screen-003.pdf \(durham.ac.uk\)](#)

We're proud to have signed the County Durham Single Use Plastics Pledge, pledging to:

Significantly reduce and work towards ultimately removing the use of unnecessary single use plastics from our operations; and
Encourage and support others to do the same.

Plastic rubbish harms our beaches, oceans and wildlife. 100,000 sea mammals and one million birds die from eating or getting tangled up in plastic waste every year.

What are we doing about it?

We are providing our students with reusable boxes for their lunches; Replacing disposable cups with mugs and glasses; And we're looking at stocking vending machines with cans, not plastic bottles. Last year, we became the first university in the North to join the 'Refill' campaign to reduce plastic waste. Staff, students and members of the public can now refill their water bottle at our public cafes. <https://www.dur.ac.uk/community/updates/?itemno=38280>

LOCAL AND GLOBAL

[Professor Erin McClymont](#) explained to the BBC World Service how drilling into the marine sediments will provide a series of important clues to understand the ice sheet and ocean in the past, an excerpt from the interview can be found on [The Newsroom](#) (approximately 21 minutes into the programme).

[Antarctic Ocean Drilling on the BBC World Service - Durham University](#)

Oil spills happen frequently ranging from large ones like the 2010 Deepwater Horizon disaster to smaller ones on industrial sites. All have a damaging impact on the environment and wildlife. Our surface scientists have now developed a coated mesh which could be a faster and more eco-friendly way to clean up oil. [A simple mesh to clean up oil spills - Durham University](#)

Coastal areas around the world, including major cities, are vulnerable to rising sea level. Understanding the connection between climate change and ice loss is important because it may influence decisions on emissions targets and flood defences. Our researchers have been working with an international team of scientists to build up the most complete picture to date of ice melting. [Greenland is melting but it's the tip of the iceberg - Durham University](#)

The UK Government estimates there are over 150 million tonnes of plastic in the world's oceans,.

EDUCATION

Examples of modules on SDG 14 in the departments: Earth Sciences, Geography, Law School

Undergraduate

GEOL2171: [Isotopes and Climate](#)

GEOG3817: [Antarctic Environments](#)

GEOG3641: [Oceans Past And Present](#)

Postgraduate

GEOG41630: [Climate, Risk And Society](#)

LAW44915: [Global Environmental Law](#)

DurhamARCTIC is a doctoral training and research centre at Durham University, funded by a grant from the Leverhulme Trust to support Interdisciplinary Understanding for a Changing Arctic.

DurhamARCTIC provides a number of opportunities for interdisciplinary education including colloquia, summer schools, and an integrated residential community for programme students. DurhamARCTIC students enrol at Durham in three cohorts, with intakes in Autumn 2018, 2019 and 2020. [Durham Arctic Research Centre for Training and Interdisciplinary Collaboration \(DurhamARCTIC\) - Durham University](#)



PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS



RESEARCH

Research on SDG 15
Scopus 2015-2019
155 Publications
2479 Citations
[Word Cloud](#)

Mitigating Flood Risks in Rice production in the Indian Subcontinent

<https://sites.durham.ac.uk/GCRF-CDT/sample-page/projects-by-un-goals/>

Designs for dwellings; strategies for managing human-animal contact in Sierra Leone

[Martin Sheku Kande – Durham Global Challenges](#)

EDUCATION

Examples of modules on SDG 15 in the departments Modern Languages, Geography, Economics

Undergraduate

GEOG1081: [Physical Geography](#)

ECON1051: [The Economics Of Sustainability](#)

FREN3401: [Anthropocene Animals: Technology, 'Nature' and the End of the World](#)

Postgraduate

ECON44615: [Natural Resource Management](#)

For almost 30 years, community outreach and volunteering has been a way of life at Van Mildert College. Student-led projects include promoting environmental conservation. In 2017 we won the prestigious Green Gown Award. Giving back to the community, promoting environmental awareness, and supporting the widening participation agenda are central to the college ethos and reflected in its motto – Sic vos non vobis – not for yourselves. The projects also allow students to develop skills such as entrepreneurship, leadership, negotiation and communication.

[Green Gown Awards - Winner](#) | [Sustainability Exchange](#)

We have a hedgehog friendly working group who are working through the Hedgehog Friendly Campus programme created by SOS-UK NUS.

This programme allows universities to support this native species which is currently in severe decline.

The group have done a fantastic job this year, taking part in the national competition between participating Universities and coming 3rd. An amazing result after going up against 22 other universities, we collect a total of 91.5 bags of litter!

We also hosted a webinar with the Hedgehog Preservation Society in September, where participants learned more about our local hedgehog population, and found out how to make hedgehog tracking boxes.

<https://www.dur.ac.uk/dialogue/signposts/staff/?id=42364&itemno=42364>

[Greenspace : News - Durham University](#)

LOCAL AND GLOBAL

Our 10 hectare university Botanic Garden is set amongst beautiful mature woodlands on the southern outskirts of Durham city. We provide an academic resource to the university for teaching and research, as well as offering educational visits to schools. Open to the public, the Botanic Garden is a leading attraction in Durham, with guests young and old visiting throughout the year. Conservation and biodiversity are key factors in the maintenance of the Botanic Garden [Botanic Garden : Conservation and Biodiversity - Durham University](#)

Soil can be a valuable store of carbon but is increasingly coming under threat from wildfires, droughts, hurricanes and floods as the planet warms. To help tackle this our researchers recommend that the importance of soil in reducing both the causes and effects of climate change and maintaining the natural environment should be taught in schools and universities. They have produced an [animation](#) aimed at school kids exploring the links between combatting climate change and sustainable use of land.

Our researchers surveyed schoolchildren in three African countries – Ghana, South Africa and Zimbabwe – about their attitudes to soil. [Changing attitudes to soil health - Durham University](#)

The British Hedgehog is now officially classified as vulnerable to extinction



PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS



RESEARCH

Research on SDG 16
Scopus 2010-2020
302 Publications
1671 Citations
[Word Cloud](#)

Promoting fair admission to higher education
<https://www.officeforstudents.org.uk/media/d809ff82-552e-4c10-95fe-7f1b630d4417/presentation2-vikki-boliver.pdf>

Establishing the Sustainable Development Goals as a new focus for global and national sport policies
<https://thecommonwealth.org/sites/default/files/inline/Support-SDGs-Indicator-Framework.pdf>

Undergraduate

GEOG2581: [Political Geography](#)

SGIA3641: [The Theory and Ethics of Political Violence](#)

Arab3071: [Trends In Modern Arabic Literature And Film](#)

Postgraduate

SGIA43815: [Development in Conflict](#)

SOCI40530: [Theorising Crime and Criminal Justice](#)

Each year, beginning in 2020, International Boundaries Research Unit (IBRU) will award a scholarship covering workshop registration, plus up to £500 to defray expenses, to attend one of that year's regularly scheduled training workshops. Since 1996, IBRU has run over 60 training workshops on practical aspects of boundary-making and dispute resolution, including maritime boundary delimitation, negotiating international boundaries, preparing for litigation and arbitration, geographical information in boundary-making, and archive research for boundary dispute resolution.. [JRV Prescott Student Scholarship Programme](#)

UK and International Policy, Practice and Public Impact

The research of Durham Parent-Infant Sleep Lab, and our Infant Sleep Information Source (ISIS) website, are cited widely in policy, support 'official' guidance and recommendations to parents, and are shared informally by support groups, parenting charities, and parent-to-parent discussion around the world. On the pages linked below we offer a glimpse of these activities :

NHS Policies and Guidelines Using Our Work: [Durham Infancy & Sleep Centre](#)

International guidance and policy using Durham Sleep Lab research
[Durham Infancy & Sleep Centre : International Impact - Durham University](#)

Baby Sleep Information Source (Basis)
[Baby Sleep Information Source \(Basis\) - Durham University](#)

Public Impact [Public Impact - raising awareness and promoting informed choice - Durham University](#)

LOCAL AND GLOBAL

The interdisciplinary character of the Durham Global Security Institute (DGSi) is reflected in its management structure. DGSi is hosted by the School of Government and International Affairs (SGIA), and managed in close cooperation with the Anthropology Department and the Law School. DGSi cooperates with academics from a broad range of disciplines. It also brings together and promotes exchange between researchers and practitioners working with both governmental and nongovernmental institutions. [Durham Global Security Institute](#)

Building an intercultural pedagogy for higher education in conditions of conflict and protracted crises: Languages, identity, culture
<https://www.dur.ac.uk/biphec/>
<https://gtr.ukri.org/projects?ref=AH%2FS003967%2F1>

The focus of the Network Plus project proposal is the role of private business and philanthropy in conflict and post-conflict processes in Central and South/South-East Asia [GtR \(ukri.org\)](#)

Sudden Infant Death Syndrome (SIDS) is the name given to the unexpected death of an infant for which there is no known cause



RESEARCH

Research on SDG 17

EDUCATION

Examples of modules on SDG 17 in the departments: Business, Economics, SGIA, Modern Languages

WIDER STUDENT
EXPERIENCE



STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT



The United Nations Educational, Scientific, and Cultural Organization (UNESCO) aims to enhance peace, security, and sustainable development by fostering international collaboration <https://www.dur.ac.uk/research/directory/staff/?mode=detail&id=11444&sid=11444&pdetail=120155>

Sustainable Development Goals Disclosure (SDGD) Recommendations [Sustainable Development Goals Disclosure \(SDGD\) Recommendations | IFAC](#)

Undergraduate

BUSI1171: [The Changing World Of Business](#)

SGIA49130: [Global Governance](#)

SPAN3301: [The Cultures of the Hispanic Caribbean: Texts and Theoretical Frameworks](#)

Postgraduate

ECON44415: [Development Economics](#)

The [Matariki Network of Universities](#) (MNU) is a select international alliance of seven leading research led universities who share a commitment to excellence in research, scholarship and rounded education. Each member institution conducts transformative research across a broad subject base in the natural sciences, social sciences and humanities. Each promotes a combination of academic learning and personal growth through extracurricular activities in diverse scholarly communities so as to develop rounded citizens of the world and leaders of the future. [Global Durham : Matariki Network of Universities \(MNU\) - Durham University](#)

Modelling the spread of COVID-19 and the impact of public health interventions in Cox's Bazar and other refugee camps

Our particle physics and cosmology research students are using their knowledge of maths and big data in the fight against Covid-19. They are part of a team of experts, comprised of United Nations' (UN) personnel and academics, who are working to model the spread of the virus in different scenarios. The team's computer generated models can help predict what the best public health interventions and measures could be to limit the effects of the disease.

Researchers, including Durham's experts, have focused their modelling on the movement of people within the settlement to explore where and how they may interact. This information allows them to model what might happen if no additional measures were taken against Covid-19 and how useful different interventions might be.

<https://www.dur.ac.uk/research/news/item/?itemno=43112>

LOCAL AND GLOBAL

The North East Centre for Energy Materials (NECEM) is a partnership between Durham, Newcastle and Northumbria universities set-up in November 2017 with funding from the Government's Industrial Strategy Challenge Fund. It seeks to unite the broad range of expertise present at the three sites to tackle a grand challenge of energy materials and will make it possible to cooperate widely with local, national and international industry [North East Centre](#)

The N8 Research Partnership is a collaboration of the eight most research intensive Universities in the North of England: Durham, Lancaster, Leeds, Liverpool, Manchester, Newcastle, Sheffield and York. Working with universities, industry and society, N8 aims to maximise the impact of this research base by: promoting collaboration, establishing innovative research capabilities & programmes of national and international prominence and driving economic growth [N8 Research Partnership](#)

A group of academic experts, including Durham University Anthropology's Professor Simone Abram, calls for more attention to the justice implications of the transition to a post-carbon economy. A new briefing paper, produced by the [COP26 Universities Network](#), warns that the transition to a climate-neutral economy must be socially inclusive and supported by citizens. [COP26 Universities Network](#)

Covid-19 is a real threat in heavily populated environment with poor sanitation such as refugee camps