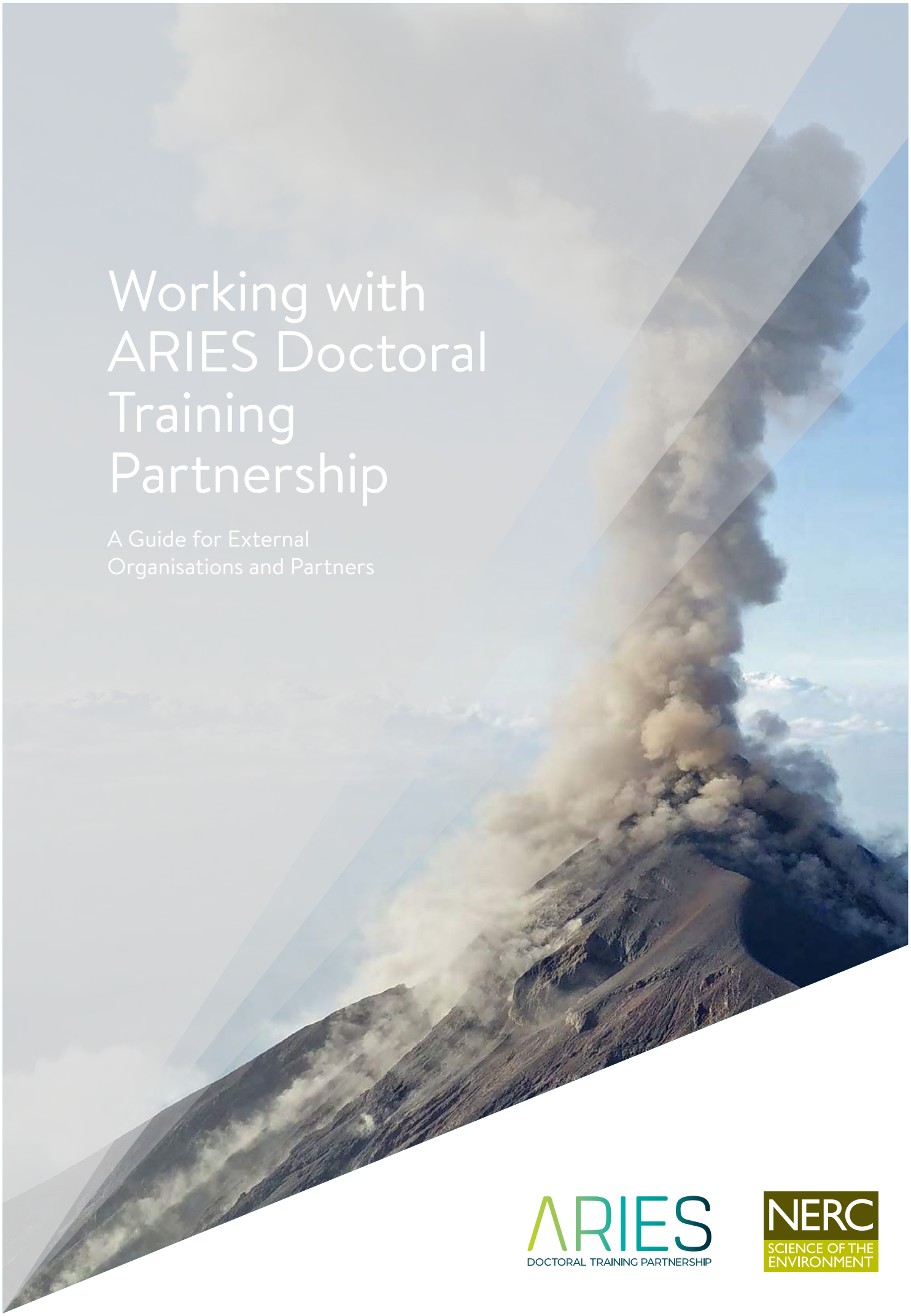


Working with ARIES Doctoral Training Partnership

A Guide for External Organisations and Partners

ARIES
DOCTORAL TRAINING PARTNERSHIP

NERC
SCIENCE OF THE ENVIRONMENT

Training 21st Century environmental scientists

ARIES delivers world-class environmental postgraduate research and training, through a Doctoral Training Partnership (DTP) funded by the Natural Environment Research Council (NERC) and consisting of 5 leading UK universities, 9 independent research organisations and more than 40 collaborative partners representing the policy and private sectors, and civil society.

ARIES trains high-calibre students from across society, equipping them with the advanced research skills they need to become 21st century scientists. It will provide funding for around 80 PhD studentships, with the majority co-designed, co-developed and co-supervised with partner organisations. The Doctoral Training Partnership offers businesses, policy-makers and third-sector organisations an unparalleled opportunity to discover and influence cutting-edge research, engage with the academic and research community and to embed knowledge and skills at the heart of a holistic training programme, for the benefit of current or future employees.

ARIES research themes cover marine, atmosphere and climate sciences; geosciences, resources and environmental risk; ecology and biodiversity; environmental genomics and microbial science; and agri-environments and water. Embedded within these areas of study is a consideration of how they influence, and are influenced by, human behaviour and societal aims. Research focus is driven by end-user communities, to ensure relevant and impactful research.

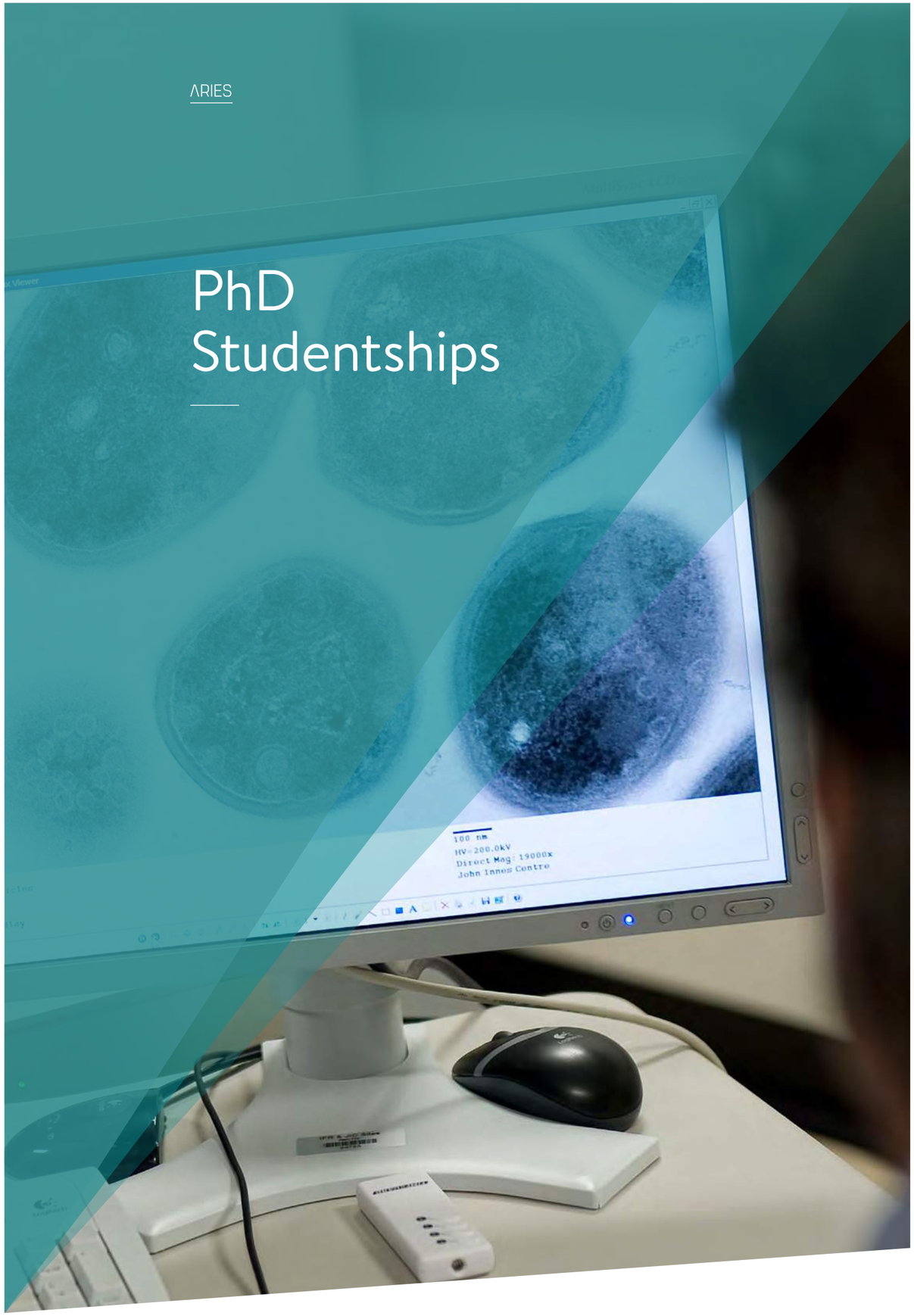
Collaboration between researchers and research end-users is central the ARIES approach, in order to maximise the efficiency and effectiveness of our research. This booklet details the different ways in which prospective partners can access ARIES’ research excellence through the partnership to address their research needs.

To contact the ARIES DTP:

E: ARIES.dtp@uea.ac.uk T: +44 (0) 1603 593558

www.aries-dtp.ac.uk

PhD Studentships



A PhD, or Doctor of Philosophy, is the highest academic degree a student can achieve and confers the title Doctor. It involves independent research of an original topic under the guidance of one or more expert academic supervisors.

As well as undertaking original research, students are typically required to undertake a literature review, to assess and evaluate published research findings relevant to their research topic. Students will usually present their research at national and international conferences, publish one or more peer-reviewed journal articles, and prepare a 'thesis' dissertation. The thesis must present robust findings and offer a "significant original contribution to knowledge". It is defended in a "viva voce" oral examination assessed by two expert academic examiners. PhD students receive training in specific research methods as well as more broadly applicable skills, and in addition will usually have the opportunity to be involved in teaching and public engagement activities. Students are expected to exhibit a level of independence that increases over time, as their studies develop. They should have the freedom to develop and test their own ideas.

PhD students are expected to complete their PhD studies within 4 years, although when carrying out a paid internship they can intercalate from their studies, which 'stops the clock' on their 4 year completion deadline for the period of the internship. Part-time PhD study is usually completed within 7 years, but regulations differ between institutes. Many institutes also offer a "PhD by Publication" within a shorter time frame, normally undertaken by experienced professionals with an established track record (see below).

Collaborating through studentships will increase your visibility as an employer and enhance your recruitment of skilled graduates with specialist knowledge.

Your organisation can benefit from accessing research excellence including expert advice, methodologies and facilities. There are opportunities to co-develop and/or co-fund research to address specific industry challenges or evidence needs. Research design and development through a DTP is arguably the most cost-effective way to access funded, cutting-edge research and facilities. The ARIES DTP will prioritise funding for proposals with a high degree of collaboration with external partners, and collaborative studentships can be written starting from an evidence need or industry challenge provided by the partner. Projects that offer a rewarding research experience to students, balancing intellectual challenge with practicality and "real-world" impact, will be prioritised for funding.

It should be noted that a PhD study is fundamentally different to consultancy. A PhD studentship will extend a body of knowledge in the research field, whereas a consultancy project will apply existing knowledge to a pre-defined question or problem. The latter does not offer the academic freedom or 'contribution to knowledge' element required of a PhD; this should be considered in developing such a project.

There are three ways to benefit from PhD studentships through the ARIES DTP, by either co-developing or directly funding studentships, or by offering your staff the opportunity to complete a PhD alongside their work:

Collaborative and CASE PhD Studentships

Organisations not eligible for UK Research Council funding can be a CASE (Collaborative Awards in Science and Engineering) partner. As a CASE partner you will co-design, co-develop and co-supervise a research project with research experts based in one of our hosting partner organisations. The ARIES DTP will endeavour to recruit a high-calibre skilled research student to the project, and you will have the opportunity to contribute to the selection process. As a CASE partner you will be required to contribute a minimum of £1000 per year to the studentship, and host the student on placement in your organisation for between 3–18 months. CASE studentships are excellent value for money, providing you with high-quality, expertly supervised and tailored research project for your organisation at minimal cost. For organisations unable to meet the costs associated with a CASE studentship, there are still be opportunities to co-design and co-supervise collaborative research projects and the ARIES team would be happy to discuss your specific requirement with you.

Directly Funded PhD Studentships

All organisations, including those eligible for UK Research Council funding can directly or co-fund a PhD studentship. As a co-funder, you can offer a grant of up to 50% of the total cost of the studentship, with the balance being met by the ARIES DTP. You will co-design, co-develop and co-supervise the project, and as with CASE projects you will input to the student selection process. Co-funded projects will receive priority for funding in the student recruitment cycle, and are therefore recommended for organisations with an urgent and/or clear evidence need or industry challenge. It is possible for projects to be funded by more than one organisation, so this is an excellent opportunity for organisations with overlapping research interests to collaborate through the medium of the DTP. An ARIES studentship typically costs around £78k for a 3.5-year studentship, with a co-funding partner contributing up to 50% of this cost. The ARIES team are always happy to discuss specific requirements and advise on the most appropriate way forward.

PhD Study Part-Time or “by Publication” for Staff

Your staff can study for a PhD degree on a part-time or full-time basis with one of the ARIES host organisations listed below.

University of East Anglia, School of Environmental Sciences

University of East Anglia, School of Biological Sciences

University of East Anglia, School of Mathematics

University of East Anglia, School of International Development

University of East Anglia, School of Computing Sciences

University of Essex, School of Biological Sciences

University of Kent, Durrell Institute for Conservation and Ecology (DICE)

University of Kent, Mathematics, Statistics & Actuarial Sciences

University of Plymouth, School of Geography, Earth and Environmental Sciences

University of Plymouth, School of Biological and Marine Sciences

Royal Holloway, University of London, Department of Earth Sciences

British Antarctic Survey

British Trust for Ornithology

British Geological Survey

Plymouth Marine Laboratory

Marine Biological Association of the UK

Centre for Ecology and Hydrology

John Innes Centre

Earlham Institute

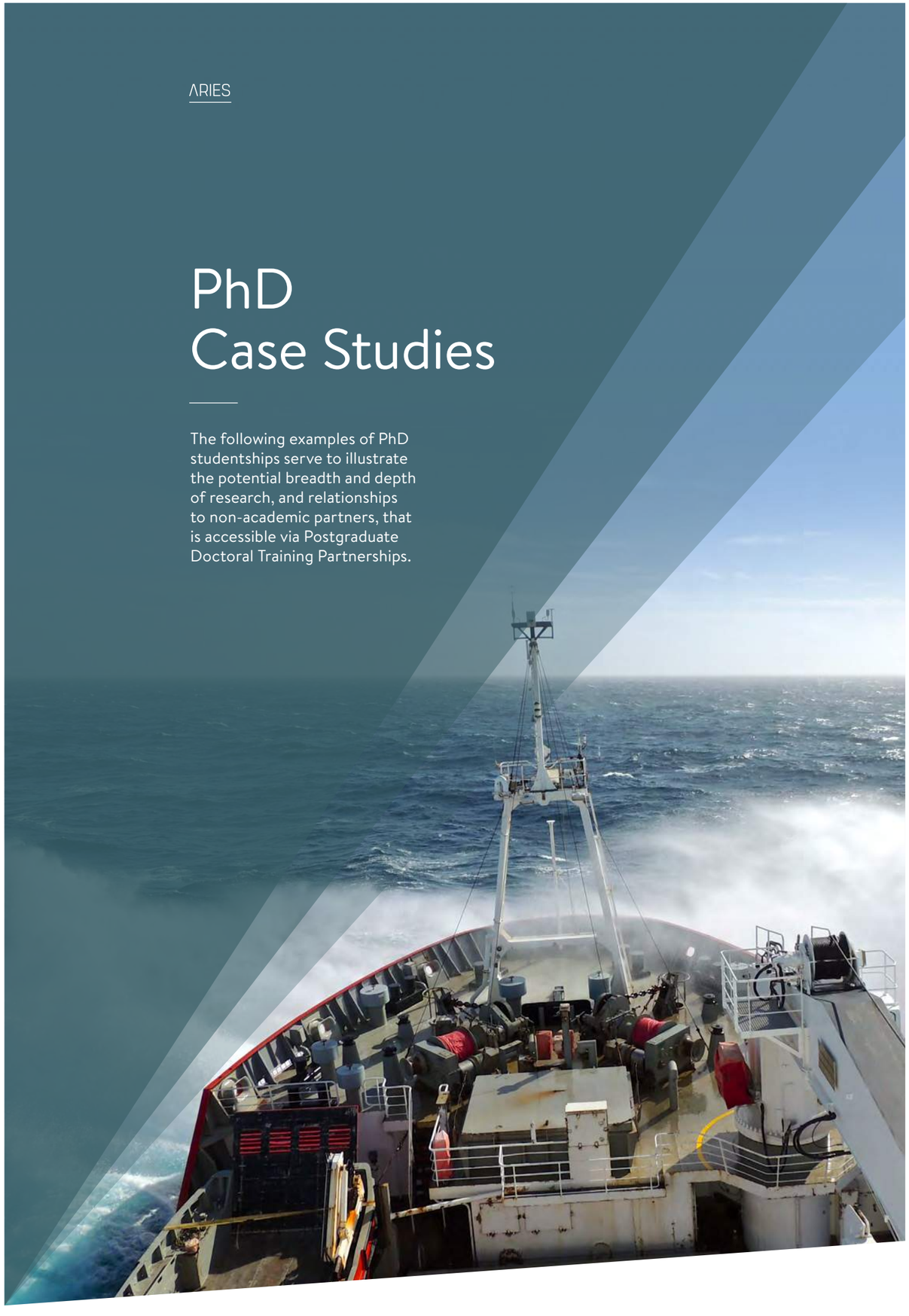
Institute of Zoology, Zoological Society of London

It is possible for students to be embedded within your organisation if you have an existing body of PhD students already studying with you, and if you meet the ARIES requirements for the supervision and study environment we expect for our students.

A “PhD by Publication” may be of interest to those working outside of academia and who have an existing publication record in the peer-reviewed literature. Generally a small number of publications (e.g. 6 to 8) are presented, along with a critical analysis/synthesis of perhaps 10,000 – 20,000 words. A typical registration time for this type of degree is six months and costs are met by the partner organisation (approximately £3,000). Regular attendance at the host organisation is not required, other than for the viva voce examination, but an academic supervisor must be identified, and will advise the candidate and provide feedback on their thesis work. This relationship will be highly collaborative and provides a valuable opportunity for your staff to develop strong links into ARIES research organisations as well as developing their research skills and gaining a PhD qualification.

PhD Case Studies

The following examples of PhD studentships serve to illustrate the potential breadth and depth of research, and relationships to non-academic partners, that is accessible via Postgraduate Doctoral Training Partnerships.



ARIES Case Study

Ryan Gilchrist

PhD Title: Dynamics and Impacts of Deep Sea Oil Spills in the Faroe- Shetland Channel (FSC)

University of East Anglia (awarding Institute); Centre for Environmental, Fisheries and Aquaculture Science (Cefas, partner institute)

Length of PhD: 48 Months (funding from 1 October 2015 until 1 Oct 2019). End date has now been extended to January 2020, as a result of taking an internship with Gardline.

Primary Discovery: The hydrodynamic model (FOAM AMM7) commonly used as part of oil spill response modelling is poor at representing reality in the FSC. Same-depth temperature differences of up to 7oC can be observed, and the strength and depth of the density gradient considerably differs. By investigating the parameter space between model and observations, we see that near-field oil plume dynamics (and, by extension, the fate and trajectory of a pollutant in the far-field) is sensitive to these differences.

Impact: The FSC is the primary location for offshore oil and gas exploration in the UK over the next decade. This research will help reduce the economic cost and uncertainty involved with producing pollution emergency plans in the area. Better forecasting the location of a slick will also help us to plan in advance, which will help to mitigate environmental impact.

Publications: The plan is to begin turning my third chapter into a paper in the coming months. This paper would be the only one of its kind, in that deep-sea modelling specific to density profiles within the FSC will be investigated.

Presentations and Engagement: Presentations have included winning two poster awards (CEEDA conference 2016, envEXPO 2017), and presenting in both an academic (European Geosciences Union, UEA Atmosphere, Ocean and Climate seminar series) and industrial (Cefas, international Technical Advisory Committee) setting. Additionally, I assisted in running an oil spill response team-building activity during the EnvEast winter retreat, as well as for the NERC Oil and Gas CDT.

Research and Professional Skills: I have previously participated in a 30-day cruise in the Bay of Bengal (www.bobble.ac.uk/), and at the time of writing am in the North Sea participating in a 10-day cruise. Both of these experiences have been second-to-none for building teamwork and communication skills. I also completed a three-month internship in 2017 with Gardline, developing my programming abilities to help better automate quality control procedures for MetOcean data.

End User Involvement: Cefas have given me invaluable supervision, as well as supplementing my research grant and stipend. I have access to visiting the Lowestoft site to work, in addition to seminar series and an annual student conference. Oil Spill Response (OSRL) have also been paramount in helping me apply research to the industrial sector, and have invited me to observe a spill exercise, and attend numerous seminars.

Subsequent Career Path: Upon completion of my PhD, I have an open mind but am preferably looking for a data analyst or scientific role within industry. This could be directly relevant to my degree (oil spills, coastal/ocean modelling, energy engineering), or simply relevant to the array of transferable skills this PhD program has allowed me to enjoy developing!

ARIES Case Study

Fiona Thompson

PhD Title: Changing Flood Frequency in Scotland: Implications for Channel Geomorphology, Ecology and Management

University of Plymouth (awarding Institute); Scottish National Heritage (SNH) and the Scottish Environmental Protection Agency (SEPA).

Length of PhD: I started my PhD in October 2010 and submitted it September 2016. I worked on it part-time for the final four years.

Primary Discovery: An increase in future flood magnitude and frequency is likely to occur with climate change leading to a greater number of bedload disturbances events. An increase in the number of disturbance events could negatively affect conservation efforts for the freshwater pearl mussel.

Impact: Further highlights the importance of conserving and protecting the physical habitat of rivers to reduce the negative impact of climate change on the freshwater pearl mussels.

Publications: *Thompson, F., Gilvear, D., Tree, A., and Jeffries, R. (2016) Quantification of Freshwater Pearl Mussel Entrainment Velocities and Controlling Factors; a Flume Study. River Res. Applic., 32: 1179–1186. doi: 10.1002/rra.2938.*

Presentations and Engagement: During my PhD, I did numerous presentations on topics ranging from the use of stream power thresholds to predict geomorphic adjustment in Scottish rivers, to understanding the vulnerability of freshwater pearl mussels to different high magnitude flood events. This presentation was given to a variety of audiences which included Stirling University Symposium, the Geography Department at the University of Plymouth, the Scottish Freshwater Group, SEPA Flood Risk and Hydromorphology Teams, SNH Freshwater Group and British Hydrological Society Early Careers event.

Research and Professional Skills: The completion of online ESRI courses in ArcMap's Spatial Analyst Toolbox, and using ArcHydro Tools and Model Builder during my PhD significantly improved my GIS skills and ability to use ArcMap to display and interrupt spatial data. Undertaking a course in the statistical programme R and the subsequent use of R to analysis and interrupt my field data greatly increased my statistical skills. Fieldwork required for data collection taught me how to survey channel adjustment using a dGPS, carry-out fluvial audits to assess river processes and sediment sampling using Wolmon pebble counts and bulk sampling.

End User Involvement: SEPA and SNH provided digital data sets and technical support which assisted in the development of the project.

Subsequent Career Path: UAfter completing my PhD I worked for a year in a regulatory role for the Scottish Environmental Protection Agency as a Senior Hydromorphologist. I currently work as a Geomorphologist for a small constancy firm called CBEC Eco-Engineering UK, who specialise (among other things) in geomorphology, river restoration and natural flood management.

ARIES Case Study

Amy Hinsley

PhD Title: Characterising the formation of international wildlife trade networks in the age of online communication

University of Kent (awarding Institute); Durrell Institute of Conservation and Ecology

Length of PhD: January 2012–September 2015 – 3 years 9 months

Primary Discovery: My PhD research found new information sources in social media on wildlife trade, and highlighted the often-ignored threat to orchids that illegal international trade poses.

Impact: Before my PhD, no work had focussed on the conservation implications of the global orchid trade, and my work served to raise awareness of this. It highlighted that the orchid trade is seriously overlooked, even though orchids comprise more than 70% of all CITES species. Towards the end of my PhD I was invited to chair the IUCN Orchid Specialist Group Global Trade Programme, as a result of which the IUCN OSG Global Trade Programme is developing research ideas to improves CITES implementation.

Publications: I have published all of the chapters from my PhD and from side projects developed during my time at Kent, including: *Hinsley, A. & Roberts, D.L. (2017) Assessing access and benefit sharing in wildlife trade using online surveys: lessons from the Southeast Asian Orchid Industry. Environ. Conservation. pp.1-8.*
Hinsley, A., Nuno, A., Ridout, M., F.A.V. St John, & Roberts, D.L. (2017) Estimating the Extent of CITES Noncompliance among Traders and End-Consumers; Lessons from the Global Orchid Trade. Conservation Letters 10(5), pp.602-609.
Hinsley, A., Verissimo, D., & Roberts, D.L. (2015). Heterogeneity in demand for orchids in international trade and the potential for the use of market research methods to study demand for wildlife. Biological Conservation. 190: 80-86.
Hinsley, A., King, E. and Sinovas, P. (2016) Tackling illegal wildlife trade by improving traceability: a case study of the potential for stable isotope analysis. In The Geography of Environmental Crime (pp. 91-119). Palgrave Macmillan, London.

Presentations and Engagement: *International Orchid Conservation Congress, Hong Kong, May 2016 'Orchid trade on social media' (student presentation award winner)*
International Congress for Conservation Biology, Montpellier, August 2015, 'Consumer demand for orchids in international trade' (award finalist)
World Orchid Conference, Johannesburg, September 2014, 'Traceability in the illegal wildlife trade' (invited)
Green Criminology Conference, London, July 2014, 'Using stable isotope analysis to improve traceability in wildlife trade'

Research and Professional Skills: I received training in stable isotope analysis, Nuclear Magnetic Resonance, consumer choice experiments, sensitive questioning techniques (e.g. Unmatched Count Technique) and network analysis

Subsequent Career Path: In September 2015 as soon as I finished my PhD I started work at UNEP World Conservation Monitoring Centre on Convention on the International Trade in Endangered Species. In 2017 I joined the Oxford Martin School, University of Oxford, where I continue to work on interactions between legal and illegal trade in relation to market supply and demand.

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Alternative co-developed research projects

It may be you have a research need in your organisation that will not fulfil the requirements for the award of a PhD. This may be a much smaller piece of research, capable of completion in a considerably shorter time frame. One of the key benefits of partnership with the ARIES DTP is the access it provides to the academic community and universities.

Students, at masters level, are typically required to undertake an independent research project within their degree. Similarly to PhD studentships, these can be co-developed and co-supervised with partner organisations, and include placements hosted by the partner organisation. Collaboration at this level can be an excellent way to access skilled graduates to undertake bespoke research projects of direct relevance to your organisation. If your research need does not fulfil the requirements of a PhD studentship, then as a partner in the ARIES DTP we can help to connect you to the relevant individuals to discuss these alternative opportunities.

Masters Projects

A Master of Science is a taught postgraduate science degree undertaken following successful completion and strong performance in an undergraduate (bachelor) degree. These typically include a compulsory independent research project, completed in 6-12 months alongside the taught elements of the degree. This project is submitted in the form of a dissertation and students will receive prior training in research skills in preparation for the project as part of their course.

An MSc research project will typically involve the analysis and interpretation of data and have defined specific aims. Initial analysis will be performed alongside data collection, so that further collection can be responsive to findings, guided by the hypothesis addressed by the project. The project will be written up into a dissertation of up to 15,000 words, including a literary review. The project must therefore be in a field in which primary research is accessible for the student. Projects must have scope for independent and responsive research while being feasible in a time-scale of 6 months. For organisations wishing to propose an MSc project, we advise contacting the host institution by August in any year, with a view to completion of the project within 12 months.

Training and Skills

The ARIES DTP has developed a multi-disciplinary, holistic training programme to equip students with the skills they will need, whether they pursue careers in academia and research, or embark on careers in industry, policy-making or civil society organisations. The training programme enriches a breadth of skills from science communication and data interrogation and analysis to computer programming and artificial intelligence. Partner organisations have a unique opportunity to both contribute to and participate in our first-class training programme. Contribution to the training programme is an excellent means of ensuring the next generation of scientists is fully equipped with the suite of skills necessary to work in your organisation. It will also raise your profile with a considerable cohort of high-calibre researchers and future employees. Participation in the training programme enables partner organisations to address skills needs within their organisation, enabling your organisation to keep abreast of rapidly evolving techniques and methods.

Examples of ARIES training courses:

- **Grand Challenges, co-designed with partner organisations, to address complex and important societal challenges (e.g. oil spill response).**
- **Infohackit: communicating research impact via infographics and animations.**
- **Scientific evidencing for policy making.**
- **Innovation and Enterprise Skills**
- **Advanced environmental geochemical techniques**
- **Modelling and data analysis in R**
- **Environmental genomics and advanced microbiological techniques**
- **Big data handling skills**
- **Advanced image analysis for environmental sciences**
- **Bioinformatics**
- **Earth observation for environmental scientists**
- **Python modelling and applications in environmental sciences**
- **ARIES 'Hackathon' on machine learning for analysis of environmental data**
- **And more.....**

Internships

Internships are an excellent, cost-effective way for organisations to recruit highly skilled researchers and/or students to undertake short to medium term project work. ARIES will seek to connect organisations interested in hosting internships with suitable candidates; these are generally administered through the Careers Office of the student's university of registration, providing access to a pool of motivated and independent students and early career researchers. ARIES interns will bring fresh ideas and perspectives, as well as outstanding research and analysis skills, to your organisation. The work an intern undertakes does not need to be in any way connected to their PhD research work; in fact we prefer that it would take them entirely out of their studies to provide a wholly new perspective that will help them widen their experience, skills and horizons.

ARIES will monitor and review the internships undertaken. We also hope to launch schemes in the near future where we would part-fund internships in particular areas. In the meantime we welcome partners offering to host an ARIES student from their own resources. The intern would work in an area chosen by the host, typically for 1-3 months in total, or possibly up to 6 months or more. This can be in one block of time, or for two or more shorter periods over the 3.5 years of the studentship. Interns are generally paid a living allowance commensurate with their studentships stipend. This is because they suspend their PhD ("stop the clock") for the period of the internship, and are therefore not is receipt of any stipend for this period. The host normally pays for any travel or subsistence required as well.

Note that we are referring here to 'stand-alone' internships. Organisations who are sponsoring a "CASE" studentship (see the earlier section on "PhD Studentships") will, by definition, be hosting a placement of the sponsored student at their premises for a minimum of 3 months over the duration of the studentship. In CASE awards the internship is, in contrast, very much part of the student's PhD research, and the student does not interrupt their studies, nor suspend their stipend.

"I UNDERTOOK A THREE-MONTH INTERNSHIP WITH GARDLINE (GREAT YARMOUTH), WHICH INVOLVED DEVELOPING NEW AUTOMATED WORKFLOW SYSTEMS FOR THE QUALITY CONTROL OF METEOROLOGICAL AND OCEANOGRAPHIC DATA. I HAD AMPLE OPPORTUNITY TO USE THE PROGRAMMING SKILLSET I'VE DEVELOPED THROUGH ACADEMIA IN A MORE OPERATIONAL CONTEXT. THE FASTER PROJECT PACE RELATIVE TO ACADEMIA ALSO ALLOWED ME TO DEVELOP NEW TEAMWORK AND TIME-MANAGEMENT SKILLS. THIS INTERNSHIP HAS ARGUABLY BEEN THE MOST VALUABLE THING I'VE DONE ALONGSIDE THE PHD, AS IT HAS SOLIDIFIED MY LONGER-TERM CAREER ASPIRATIONS." *– Ryan Gilchrist, intern with Gardline Marine*

NERC Research Experience Placement Scheme (REP)

Research Experience Placements (REPs) are paid summer internships for Home/EU undergraduates from any ARIES Host University, studying Mathematics, Physics, Chemistry, Engineering, Computing, or other quantitative disciplines, who wish to gain experience of research in the Environmental Sciences. Successful undergraduate applicants are paid a stipend of at least £200 per week for a placement of 8-10 weeks during the Universities' summer recess. Up to £500 funding is also available to supervisors to use for expenses incurred by the research project. Successful candidates will later be encouraged to apply for a NERC-funded PhD in the Environmental Sciences. The REPs scheme recognises that there is a shortage of individuals with quantitative skills coming into environmental science. REPs are aimed at addressing this shortage by offering funding for summer placements, which focus on encouraging undergraduate students who are studying quantitative disciplines to consider a career in environmental research. Partner organisations are invited to sponsor these placements, which are typically advertised in early spring each year, for a placement starting in June.

Undergraduate Industrial Placements

A Bachelor of Science undergraduate degree can usually include a Year in Industry or Professional Placement. These are designed to give students first-hand experience working in their chosen field, and enhance their employability by developing key workplace skills and knowledge as part of their degree. For partner organisations these placements can provide an excellent opportunity to recruit an ambitious and motivated high-quality student, bringing enthusiasm and fresh ideas into your organisation. Partner organisations are expected to pay a reasonable and fair salary to the student throughout their placement. Previous placement hosts recognise the fresh approach an undergraduate placement student brings, along with a willingness to try a wide variety of activities.

Knowledge Transfer Partnerships (KTPs)

The UK-wide Knowledge Transfer Partnerships programme is an excellent opportunity for partner organisations to improve their competitiveness and productivity, innovate and grow, by linking with an academic or research organisation. As an ARIES partner, you will strengthen your links with the academic and research community, paving the way for easier engagement in this initiative which is funded and managed by Innovate UK. Through this programme you can work with an ARIES host University to complete your KTP application. If successful the host University will be able to help to recruit a highly skilled graduate for placement in your organisation for a period of between 12 and 36 months. KTPs are part-funded by Innovate UK, with partner organisations contributing to the salary of the graduate and the cost of the academic supervisor.

Further information on the scheme is available at ***www.gov.uk/guidance/knowledge-transfer-partnerships-what-they-are-and-how-to-apply***

Consultancy

ARIES draws together a considerable number of academic experts spanning 11 departments in 5 leading UK Universities. These experts represent the breadth and depth of the environmental sciences, in terrestrial, marine, freshwater, science-based archaeology, atmospheric and polar sciences, and Earth observation. Our experts can provide practical independent advice to address specific issues or challenges facing your organisation. To enquire about commissioning consultancy at any of our partner universities please follow the links below:

University of East Anglia *– www.uea.ac.uk/business/consultancy*
University of Essex *– www.essex.ac.uk/staff/knowledge-exchange-and-commercialisation/academic-consultancy-with-external-organisations*
University of Kent *– www.kent.ac.uk/enterprise/practical-partnering/consultancy.html*
Plymouth University *– www.plymouth.ac.uk/research/support/uopel*
Royal Holloway University London *– www.royalholloway.ac.uk/about-us/more/business-and-industry/consultancy-and-laboratory-services/*

Innovation Events

The ARIES DTP offers numerous innovation events and partner networking opportunities each year, from large conferences to small sandpit and workshop events. These events offer opportunities for partner organisations across all sectors to network with a broad range of research staff and students, alongside other partners. These include a conference for research theme leaders and DTP partner organisations, where ARIES research priorities will be reappraised and refreshed. These research priorities will feed into studentship project development and inform funding priorities for the DTP, therefore representing a real opportunity for ARIES partners to influence the research strategy.

ARIES is also host to envEXPO, potentially the largest and most influential environmental innovation conference for the benefit of early-career researchers in the UK (details on the most recent envEXPO can be found at ***www.uea.ac.uk/envexpo***). envEXPO is co-designed and co-delivered with ARIES partner organisations, to develop innovative solutions to industry, policy and civil society challenges. It provides a unique opportunity to consider research in the context of commercial and policy needs.

Partner organisations will also be invited to participate in our regional Infohackit events (***www.infohackit.com***), bringing together researchers, partner organisations and creative communities to create professional quality research communication media and tools. Events will take place in cities around the UK and culminate in a Grand Finale at envEXPO.

Become a collaborative partner

The ARIES DTP has an ongoing commitment to existing as well as prospective and new collaborative partners. If you are interested in joining the Doctoral Training Partnership we would love to hear from you. We can discuss your precise research interests, and understand what your organisation would like to achieve from membership of the DTP. Our team will be happy to develop a mutually beneficial partnership that is tailored to the interests of your organisation. See below for our extensive list of partners.

Contact **ARIES.dtp@uea.ac.uk** to become a partner

To contact the ARIES DTP:

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www.aries-dtp.ac.uk

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