



Appendix 11- Consultant CV's

July 2024





FRANCES HORNE BA(Hons) PGDipLA PGDipUED CMLI DIRECTOR - ENVIRONMENT

AREAS OF EXPERTISE

- > LVIA
- > Expert Witness
- > Feasibility
- > Environmental Impact Assessment
- > Landscape Design
- > Masterplanning

SECTOR EXPERTISE

- > Energy, Minerals & Waste
- > Education
- > Health
- > Infrastructure, Logistics & Telecoms
- > Commercial & Regeneration
- > Residential

PROFILE

Frances spent the early part of her career working with house builders and developers in the south of England and as such has a good understanding of the aspirations of clients and local authorities.

Prior to joining Pegasus Group in 2017, Frances worked for a private landscape consultancy where, alongside her work in Landscape Design, she developed an aptitude for Landscape and Visual Impact Assessment, having undertaken appraisal and critique work for residential and renewable energy projects across England.

Frances aspires to deliver practical and sensitive landscape-led responses to sites; an attitude which has led her to be well regarded for her preparation of Landscape and Visual Impact Assessments and early advice on strategic approaches to site development.

Frances has been involved in landscape and visual appeal work for several years. Frances has acted as an expert landscape witness for a number of appeals including the Kintradwell Wind Farm public inquiry in the Highlands.

In addition, Frances has been an integral team member for a number of other public inquiries associated with large-scale renewable schemes throughout Scotland.

CONTACT

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Malcolm Spaven

Curriculum vitae

May 2024

I am an experienced planning, environment and aviation consultant, running my own company for more than 25 years on contract work mainly with the renewable energy, aviation and telecommunications industries. I have delivered successful outcomes for a wide variety of clients ranging from energy majors such as RWE, SSE, E.ON and Scottish Power, to airfield operators, individual farmers and community groups.

Employment

Director, Gladhouse Planning Ltd (March 2016 to present)

- Coriolis Energy, Kirkan wind farm, successful proposal for reduced lighting scheme
- Force 9 Energy, Clash Gour wind farm, successful proposal for reduced lighting scheme
- SSE, Viking wind farm, Shetland, successful challenge of MoD radar objection; development and first ever CAA approval of reduced lighting scheme
- Coriolis Energy, Glendye wind farm, Aberdeenshire, environmental impact assessment of aviation constraints and potential solutions
- Prism Planning, Harap Rd wind turbines, Co. Durham, assessment of impact on Fishburn airfield
- ABO Wind, Green Burn wind farm, Perthshire, environmental assessment of aviation and telecommunications impacts; development of solutions

Director, Aviatica Ltd (April 2011-March 2016)

Completion of more than 100 projects including:

- SSE, Bessy Bell wind farm extension, Northern Ireland, analysis of impacts on fixed and mobile telecommunications and television reception; presentation to planning inquiry, 2015
- Abbey Group, Carswell farm-scale wind turbines, Renfrewshire, analysis of impacts on NATS radar and negotiation of objection withdrawal, 2014-15
- DONG Energy, development of helicopter access options for Walney Offshore Wind Farm, 2013
- Vogt Solar, assessment of impact of Fareham Solar Park on operations at Lee-on-Solent airfield, Hampshire, 2012-13
- Lydd Airport Action Group, expert witness at planning inquiry into expansion of Lydd Airport, Kent, 2011-2013

Principal, Spaven Consulting (May 1994-April 2011)

Completion of more than 300 projects including:

- Umoya Energy, assessment of impact of Hopefield wind farm on Langebaanweg Air Base, South Africa, 2009-11
- Scottish Power Energy Networks, assessment of impact of South West Scotland grid extension on Prestwick Airport, 2009-10
- Group Five Infrastructure Investments, assessment of impact of Kalahari Solar Park on operations at Sishen airfield, South Africa, 2009-2010

Key skills 1: Expert witness

I have acted as an expert witness in over 30 planning inquiries in Scotland, England and Northern Ireland, with a high success rate.

My approach to planning inquiries is to focus on building the empirical evidence, sourcing and using the most rigorous data as the basis for constructing the case. In addition it is vital to deconstruct the opposition case by examining its empirical basis in detail and challenging claims through judicious use of documentation.

Planning inquiries are always conducted as part of a team. I have extensive experience of team working with other disciplines to develop a coherent and consistent case.

Key skills 2: Research-based analysis

I have a background in academic research and more than two decades experience of applying those skills to real-world problems.

I have worked in a diverse range of industries, ranging from defence and aviation to offshore safety, telecommunications and renewables. In all of these fields I have applied rigorous research techniques as a basis for analysis of the issues and development of solutions and mitigations.

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- RWE Npower, Gwynt y Mor offshore wind farm, analysis of impacts on helicopter access to Douglas offshore platform and development of solutions, 2006-8
- Banks Renewables Ltd, Hook Moor wind farm, assessment of impact on MoD radar systems, expert support to two planning inquiries and advice on development of planning conditions, 2007-2013

Project Manager, AUPEC Ltd, Aberdeen, 1998-99 (Health & Safety Executive Evaluation of the Offshore Safety Legislative Regime)

Project Manager, AURIS Ltd, Aberdeen, 1994-95 (Health & Safety Executive Review of the Offshore Installations (Safety Case) Regulations)

Research Fellow, University of Aberdeen, 1992 (Health & Safety Executive Review of the Offshore Safety Representatives Regulations)

Consultant to Innu Nation, Canada, 1989-2004 (environmental impact assessment of military low flying over Labrador/Quebec)

Research Fellow, University of Edinburgh, 1989-91 (analysis of environmental opposition to military low flying in the UK and West Germany)

Research Fellow, University of Sussex, 1983-89 (managing information unit on defence and disarmament)

Key skills 3: Community support

I have a breadth of experience of representing not just developers but also regulators, workforces and affected communities.

My recent experience includes addressing the planning impacts of quarrying and opencast extraction activities on behalf of community organisations, and supporting community groups in Midlothian to participate in the consultation processes for local and strategic development plans.

Other experience

- Member of Compliance & Monitoring Working Group, Scottish Government Coal Industry Task Force, 2014-15
- Planning Adviser, Moorfoot Community Council, Midlothian, 2014-2019
- Member of hydro energy development committee, Penicuik Community Development Trust, 2014-15
- Chair, Scottish Opencast Communities Alliance, 2013-2016
- Member of the Office of Nuclear Regulation Technical Advisory Panel on Accidental Aircraft Crash Hazard Assessment, 2012-2015
- Member of the Scottish Parliament Cross-Party Group on Aviation, 2012-14
- Member of the British Wind Energy Association Aviation Strategy Group, 2008-2011
- Chairman, Edinburgh Flying Club, 2007-2014
- Instrument approach chart auditor, gCAP Ltd, 2007-2011
- UK Agent for Phoebus Apollo Aviation, South Africa, 1998-2003
- Specialist Adviser to House of Commons Defence Committee, 1989-92

Education

M.Sc. Rural and Regional Resources Planning, University of Aberdeen, 1981

M.A. (Hons) Politics, University of Edinburgh, 1978

Other qualifications and training

Commercial Pilot's Licence with Night Rating, gained in 2000. 2,400 hours flying experience.

Flight Instructor (Aeroplanes) qualification. 2,000 hours experience as a flying instructor based at Edinburgh, Perth, Dundee and Fife Airports.

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Dr Claudia Garratt PhD BSc (Hons.)

Principal Ecologist

Education and Professional Qualifications

PhD Ecology
BSc (Hons.) Zoology

Professional Experience

Claudia started her career in consultancy on completion of her PhD at Newcastle University studying the ecology and conservation of kestrels on farmland. She joined Avian Ecology in 2021, and has over ten years' experience as a professional ecological consultant, specialising in onshore renewable energy developments. In this time, she has overseen, prepared and contributed to numerous impact assessments for large scale wind farm and infrastructure projects, including life extensions and repowers. She regularly undertakes consultation with statutory and non-statutory consultees, and believes in building strong relationships with stakeholders to provide the best possible outcomes for projects.

Claudia is an experienced project manager, and has managed the delivery of ecology and ornithology services for development, construction and operational phase projects, including client and stakeholder liaison, survey planning and logistics, managing budgets, technical reporting and QA. In addition to EIA, she is also experienced in Habitats Regulations Appraisal/Assessment and Appropriate Assessment, and has provided expert witness testimony relating to ornithology at public inquiry. Claudia is a strong research professional who demonstrates excellent attention to detail and a focus on quality, delivering projects which are robust yet proportionate to their scale, scope and likely impacts.

Claudia has extensive experience in the design and implementation of Habitat Management Plans and monitoring strategies for operational wind farms, including ongoing review and dynamic management based on up-to-date research evidence. She has also set up, co-ordinated and provided ecological advice to HMP steering groups comprising the client, NatureScot, RSPB and landowners. She has presented a talk on the subject of operational-phase ecological management plans at the International Conference on Wind Energy and Wildlife Impacts.

In addition to technical reporting for renewable energy developments, Claudia has written four peer reviewed scientific journal papers, and presented her research at national and international ornithological conferences. She has also peer reviewed others' scientific papers for publication.

Key Skills

Impact Assessment

- Working with project teams to identify and classify potential constraints, and provide advice on avoidance, mitigation, compensation and enhancement in line with the mitigation hierarchy and relevant policy and guidance.
- Undertaking ecology and ornithology impact assessment, in accordance with guidance and following the principles of proportionate EIA, and reviewing EIA undertaken by others.
- Habitat Regulations Appraisal: providing screening for Likely Significant Effects and information to inform Appropriate Assessment.



Communication Skills

- Liaison with landowners and stakeholders pre- and during ecological data collection.
- Written presentation of project progress, data and syntheses in the form of reports for funders and peer-reviewed scientific publications.
- Oral presentation of project progress and/or results at meetings and scientific conferences.

Ecological surveying

- Planning, coordinating and carrying out ecological data collection in the UK.
- Experienced in surveying terrestrial mammals (squirrel, badger, pine marten, otter, water vole and bats). Red squirrel, and pine marten and wildcat survey training courses attended.
- Bird survey work (Vantage Point, Brown & Shepherd breeding bird survey, breeding raptor nest watches).

General

- Excellent written skills.
- Proof-reading and formatting.
- Certified training in HRA & EclA.
- Expert witness.

Selected Projects

Claudia's recent project experience includes:

- **Lochluichart Extension II, Highland.** Claudia provided further environmental information and EclA in relation to ecological and ornithological interests for the consented Lochluichart Extension II.
- **Craig Watch, Moray/ Aberdeenshire.** Claudia carried out EIA and wrote the EIA-R chapter for ecology interests at Craig Watch Wind Farm, including HRA for the River Spey SAC.
- **Arbikie Green Hydrogen Development, Angus.** Claudia managed the ecology and ornithology elements for this consented single turbine application, located close to the Montrose Basin SPA. This included obtaining agreement from consultees to progressing the application without supporting ornithology surveys, and provision of Ecological Impact Assessment and information to inform HRA.
- **Ben Aketil Extension and Repower, Highland.** Claudia carried out EIA and wrote the EIA-R chapter for ecology interests for the currently in planning Ben Aketil Wind Farm, including the Habitat Management & Enhancement Plan.
- **Newlands Hill Wind Energy Hub, East Lothian.** Claudia carried out EIA and wrote the EIA-R chapter for ecology interests for the currently in planning Newlands Hill Wind Energy Hub, including the Habitat Management & Enhancement Plan, and FEI in relation to the AIL Route.
- **Scoping: Proposed Lynemore and Millennium East Wind Farms, Highland, and Corr Chnoc Wind Farm, Argyll and Bute.** Claudia produced the ornithology and/or ecology scoping sections for the in-Scoping Lynemore, Millennium East and Corr Chnoc proposed wind farms. She also project manages the day-to-day ecology and ornithology requirements including producing and reviewing health and safety documentation, overseeing survey work and liaising with the client and with statutory and non-statutory consultees.
- **Berry Burn Extension Wind Farm, Moray.** Claudia is overseeing the pre-construction discharge of ecology and ornithology planning conditions for the consented Berry Burn Extension in Moray.
- **Confidential: Wind Farm Development Sites in Aberdeenshire and Lanarkshire.** Claudia project manages the day-to-day ecology and ornithology requirements of two pre-scoping phase projects, including producing and reviewing health and safety documentation, overseeing survey work and liaising with the client and with statutory and non-statutory consultees.

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Rob Shepherd

Associate Director

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Rob Shepherd is an acoustic consultant and associate director at the Hayes McKenzie partnership, and manager of the Salisbury office. He graduated from the University of Southampton in 2005 with a Master of Engineering (MEng) degree in Acoustical Engineering from the Institute of Sound and Vibration Research. Rob has worked in the field of acoustical engineering for over 18 years, specialising in the field of noise from on-shore wind farms involving work on over 350 wind farm projects, and has appeared as an expert witness in the UK and Ireland.

In addition to work on wind farm projects, Rob regularly carries out assessments for other projects including assessing noise impacts using BS 4142 Methods for rating and assessing industrial and commercial sound, and assessing construction impacts using BS 5288 Code of practice for noise and vibration control on construction and open sites.

Rob is responsible for handling all aspects of project management including preparing quotations, carrying out noise modelling, data analysis, assessment, and reporting. As well as managing his own portfolio of projects, Rob oversees and carries out technical reviews of other consultants' analysis and reports, to ensure that all work is carried out to our high standards.

EXPERTISE

Environmental Impact Assessment (EIA)
Expert Witness
Technical review of assessment and planning conditions
Planning condition compliance measurements
Acoustic Wind Turbine Testing (IEC 61400-11)
Installation of SoDAR and 10 metre met masts

CREDENTIALS

M.Eng in Acoustical Engineering, University of Southampton
Member of the Institute of Acoustics
Member of BSI committee EH/1/3 on residential and industrial noise

EXPERIENCE HIGHLIGHTS

- Sole responsibility for 200 wind farm projects
- Involvement in over 400 wind farm projects
- Expert Witness at Public Inquiry
- Expert Witness at an Appeal Hearing and Appeal by Written Representation
- Assisting Andy McKenzie (Director and Principal Consultant at Hayes McKenzie Partnership Ltd.) at Public Inquiry
- Acoustic Wind Turbine test of an offshore wind turbine and other onshore wind turbines of varying sizes
- Carrying out noise and vibration assessment for a wide range of situations including BS4142 and BS 5288 assessments
- Noise nuisance investigations

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Rob Shepherd, Associate Director

Rob Shepherd is an acoustic consultant and associate director at the Hayes McKenzie Partnership, and manager of the Salisbury office. Rob has worked in the field of acoustical engineering for over 18 years, specialising in the field of noise from on-shore wind farms involving work on over 350 wind farm projects, and has appeared as an expert witness in the UK and Ireland. Rob is responsible for handling all aspects of project management, as well as carrying out noise modelling, data analysis, assessment, and reporting. As well as managing his own portfolio of projects, Rob oversees and carries out technical reviews of other consultants' analysis and reports, to ensure that all work is carried out to our high standards.



Edward Guy BSc AMIOA, Assistant Consultant & Equipment Technician

Edward Guy is a junior consultant working in our Salisbury office since 2019, after having graduated with Second Class Honours (Upper Division) in Acoustics with Music from the University of Southampton. Since joining Hayes McKenzie, Edward has continued developing his knowledge of acoustics, in addition to producing noise predictions, analysis and assessment as well as conducting noise survey equipment installation and maintenance



Amy Talbot Curriculum Vitae

Summary

Amy started her career as a commercial site archaeologist and moved across to renewable energy consulting in 2020. She has cross-disciplinary experience in GIS, Impact Assessment, Sustainability and Archaeological site management, alongside practical Cultural Heritage consultancy experience. Amy is an Associate member of the Chartered Institute for Archaeologists (CIfA) formerly sat on the CIfA Equality, Diversity and Inclusion committee, exploring how archaeology can tackle social barriers and inequality.

Since beginning work at Locogen in February 2023, Amy has written several desk-based and Impact Assessments for a range of renewable energy projects across England and Scotland as well as advising the design and build teams on heritage constraints. She is currently project managing the archaeology and cultural heritage for the proposed Balgray Wind Farm as well as a undertaking a programme of archaeological work on a Solar Farm portfolio across England.

Amy currently works as a Consenting Manager working across a range of sites and is experienced in using GIS alongside the development team.

Professional experience

2023 – present	Locogen Ltd	Consenting Manager and Cultural Heritage and Archaeology specialist
2022 – 2023	CFA Archaeology Ltd	Cultural Heritage and Archaeology Consultant
2020-2022	Arcus Consultancy Services Ltd	Cultural Heritage and Archaeology Consultant
2012 – 2020	Various contracting archaeological companies	Site specific excavation and reporting Archaeologist

Key projects and responsibilities include:

- Heritage team lead for proposed Balgray Wind Farm, Dumfries and Galloway;
- Archaeological wind farm works for consented wind farm at Melton Bottom Quarry, East Riding of Yorkshire;
- Archaeological Solar Farm works for the consented Glenniston Solar Farm, Fife;
- Archaeological Solar Farm portfolio for Aukera UK consisting of consented sites in County Durham, Shropshire and Kent;
- Archaeological and Project Management for a proposed Solar Farm for Eastleigh Borough Council, Hampshire;
- Archaeological and Project Management for a proposed Solar Farm for Renewco Power, County Durham;
- Archaeological and Project Management for a proposed turbine repowering in Cumbria;
- Project Management Turbine Repowering (South Lanarkshire);
- Project Management for consented Benthead Solar Farm (North Ayrshire);



- Project managing discharge of conditions for solar arrays in Pembrokeshire, Wales;
- Grid and site finding constraints and options assessments, working with the Locogen development and engineering teams;
- Process development and internal research for the Locogen Consultancy team; and
- Technical Services and report writing for multi wind and solar sites across the Locogen teams.

Cultural Heritage and Archaeology

Amy is the primary archaeological and Cultural Heritage consultant for Locogen. In this role she contributes to the pre-application and site finding aspects of Locogen, and has written impact statements for key Locogen sites including the consented Melton Bottom Quarry (OMYA) Wind Farm, Glenniston, West House and Ledwyche Solar Farms and has undertaken archaeological and cultural heritage works for a variety of renewable planning schemes.

Amy undertook the scoping works for the proposed Balgray Wind Farm for Fred Olsen Renewables Ltd (FORL) and is currently engaged in the archaeology and heritage planning works for this site. She also undertook the works brief for the Rothes III Wind Farm Section 36 Application.

Amy is the primary lead for engaging archaeological services where archaeological excavations are required by the Local Planning Authorities and is confident in lending her expertise to the technical and engineering teams for feasibility studies.

She is experienced in community consultation regarding archaeological accessibility and has been instrumental in the setup of industry accredited groups including the ClfA Neurodiversity and Accessibility Team and has experience of working in Qatar.

Project Management

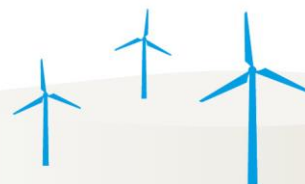
Amy is taking on further experience in Project Management, including of a proposed repowering scheme in Cumbria and South Lanarkshire and for solar farm portfolios. She has written several proposals for the discharge of conditions for the Locogen Consenting Team and overseen the successful Discharge of Conditions for a solar farm site in Pembrokeshire Wales.

Professional qualifications

Associate Chartered Member for Archaeologists (ClfA)
 First Aid Certified
 CSCS and Site Safety Supervisor Training Scheme Certification (expired)

Academic qualifications

2019-2020 University of Bradford: MA Archaeology Distinction
 2009-2012 University of Sheffield: BA Archaeology Honours (2:1)





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