

Daniel Baird M.I. Soil Sci.

Managing Director of Daniel Baird Soil Consultancy Limited, trading as Baird Soil

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Professional Institution Membership

British Society of Soil Scientists – Full Member. M.I. Soil Sci.

Qualifications.

- MSc. Land Resource Management. Silsoe College, Cranfield University, 1997
- BSc. (Hons) Soil and Land Resources. University of Newcastle upon Tyne, 1991
- Environmental Impact Assessment: Procedures and Process. Oxford Brookes University School of Planning, 2002
- Soil and Water Management. BASIS 2017

Professional Experience – Soils and Agriculture Consultancy**Daniel Baird Soil Consultancy Ltd**

November 2015 to present

Specialist soil and agriculture consultancy to the planning and development sector.

Agricultural Land Classification survey and advise, Farming Circumstances assessment, Soil Resource appraisal and beneficial reuse, Soil Conservation and Management, Catchment Sensitive Farming.

Daniel Baird Soils and Land Quality

November 2012 to October 2015 and July 07 to April 08

As above.

CPM Environmental Planning and Design. (now Waterman)

August 1998 to February 2004.

Consultant Soil Scientist and EIA co-ordinator.

Soil and land resource survey, farm business appraisal, co-ordination of environmental impact assessments, proof or evidence for planning inquiries, Geological SSSI Condition Statements on Network Rail estate, farm business appraisals and project management.

ADAS Statutory (Now Natural England)

1992 - 1993

Agricultural Land Classification assessment for MAFF Land Use Planning.

**Professional Experience – Soils and Agriculture R&D Management
Biotechnology and Biological Sciences Research Council (BBSRC)**

November 2006 to July 2007

Programme Manager for BBSRC Swindon Office

Represented BBSRC on five Defra LINK Programme Management Committees co-funding novel research in the fields of food quality, manufacture, horticulture, livestock and arable science. Management of research grant applications and peer reviews. Assisting with the BBSRC Bioenergy Initiative.

Defra - Living Land and Seas Science Division

February 2004 to October 2006

Higher Scientific Officer.

Management of Defra R&D and evidence base for Soil Resources, Soil Protection and

Diffuse Nutrient Pollution from Agriculture programmes.

Professional Experience – other Environmental Planning

Wind Ventures (Aug 2010 to Nov 2012) and **Ecotricity** (April 2008 to Aug 2010)
Wind Farm Design, EIA and Planning

Brief

Daniel Baird is an experienced Agricultural Land Classification (ALC) surveyor having worked both in private consultancy and for the former Land Use Planning Unit of MAFF (as was). Since 1992 he has undertaken assessments of land quality at many sites across England and Wales. In addition to ALC assessment Daniel Baird also provides advice on the impact of development on Farm Businesses, and the conservation of soil resources. Notable recent projects include ALC survey, soil resource assessment and farming circumstances appraisal for the Sizewell C Power Station, and HS2 rail developments. In addition to field survey work Daniel also worked within HS2 overseeing the Soils and Agriculture topic for the Phase 2 EIA.

For the Defra role, as well as the management of R&D research projects across multiple research programs, responsibilities included organizing the review of the programs by external assessors, disseminating research findings and responding to Freedom of Information requests. As well as the management of Defra funded research, the post covered the management of co-funded projects with partners in industry, Research Councils, devolved authorities and other public bodies.

In the two wind power developer posts, the design and development of wind farms was taken from appraisal and prioritization of candidate sites, through EIA and on to obtaining planning consent and the discharge of planning conditions. As part of the EIA process Daniel regularly hosted public consultation meetings, gave presentations, was interviewed for local newspaper and radio, and responded to correspondence from members of the public. Interaction and negotiation with statutory consultees was also a part of this role, covering disciplines such as radar and aviation, telecommunications, noise, landscape, ornithology and transport.

Cadno Communications Ltd

Established in 2015, Cadno Communications offers strategic public affairs and stakeholder engagement advice to clients developing infrastructure projects, through planning and construction, including leading on statutory and non-statutory public consultation. Cadno has been involved in projects - consented, in planning, or in development - capable of generating more than 1GW of renewable electricity.

Cadno Communications Ltd is registered with the lobbying self-regulatory body [Public Affairs Board](#) of the Public Relations and Communications Association. In Wales we are members of [Public Affairs Cymru](#) (PAC) and a signatory to its code of conduct. Our political monitoring is supported by [Newsdirect](#). All team members take appropriate and proportionate steps to secure data. All electronic files are backed up using a third-party IT company, [Orbits IT](#).

Project experience

Garn Fach Wind Farm (EDF Renewables)
Awel y Môr Offshore Wind Farm (RWE Renewables)
Pen March Wind Farm (RWE Renewables)
Sutton Bridge Solar Farm (EDF Renewables)
Tye Lane Solar Farm (EDF Renewables)
Bloy's Grove Solar Farm (EDF Renewables)
Cadenham Solar Farm (EDF Renewables)
Glassthorpe Solar Farm (EDF Renewables)
Strategic advice to EDF Energy HPC
Strategic advice to Savills for one of their clients proposing projects in south Wales
Scruton Solar Farm (Lightrock Power)
Whinfield Solar Farm (Lightrock Power)
Mynydd y Gwair Wind Farm (RWE Renewables)
Brechfa Forest East (RWE Renewables)
Neuadd Goch Bank Wind Farm (RWE Renewables)

Angharad Davies – Director and Founder

Angharad Davies has over two decades worth of stakeholder management experience having worked in-house at senior levels for large corporations in the regulated sector, gaining experience of dealing with major structural change and significant infrastructure projects. Angharad worked with Westminster and European Parliament politicians before taking up policy and public affairs roles with organisations in the education and health sectors, to more recently managing political communications for Royal Mail Group in Wales and then as Head of UK Public affairs for BT Openreach. Angharad is the Chair of the RenewableUK Cymru communications group. She has a BA (Hons) (2:1) in Politics from Queen's University, Belfast, and an MA in European Integration from the University of Limerick.

Sarah Jones – Office and Account Manager

Sarah Jones has worked with Cadno since the beginning, bringing impeccable organisational skills to the work we do. Sarah has a strong project and office management background and has worked in the voluntary sector specialising in community engagement. Sarah supported public service organisations, including local authorities and health boards, by facilitating focus groups and workshops with the public as well as training staff and volunteers. Previously, Sarah was a project manager and trainer for a criminal justice charity, working with staff, volunteers, victims of crime and offenders, and worked as an office manager for the Ministry of Justice and HM Prison Service. Sarah has a BSc in Cognitive Science (2:2) from the University of Exeter, as well as a Diploma in Management from Oxford Brookes University, and the Prince2 Foundation qualification. She is registered on the Information Commissioner's Office register of data controllers.



1 Hydrology, Flood Risk and Drainage

The Hydrology, Flood Risk and Drainage chapter has been prepared by Wallingford HydroSolutions Ltd (WHS). WHS is well known throughout the UK as the developer of the hydrological tools and techniques used in environmental assessments and provides a range of consultancy services relating to flood risk and drainage. WHS has written specialist hydrology, hydrogeology and geology chapters for numerous applications for both solar and wind farm developments throughout the UK and Ireland. In total, we have provided input, at a variety of stages within the EIA process, to over 60 renewable energy projects.

The Hydrology Chapter has been prepared by Paul Blackman (Director), the Project Executive, Sam Pucknell (Consultant), the Project Manager, and Alex Garrett (Consultant). Experience of key personnel is outlined below:

Paul Blackman (MEng, CEng, MICE) Paul has overall responsibility for consultancy services at WHS and is a company Director. Paul has 27 years' experience as a civil engineer managing the delivery of multi-disciplinary projects, including many flood alleviation, fisheries and water resource projects for the Environment Agency, with construction values from £100k to £7M. Paul managed these projects from feasibility through to economic analysis and production of business cases to secure funding, detailed design and finally supervision of construction, and in 2019, was appointed by the Welsh Government to the Wales Flood and Coastal Erosion Committee. Paul has managed the production of FRAs and EIAs for several solar farms.

Sam Pucknell (MEng) Sam has experience of renewable projects across the UK. Including the undertaking of numerous FRA's to planning requirements including hydraulic modelling and preparing SuDS plans for solar and wind farm developments.

Alex Garratt (MSc, BSc) Alex has experience writing FRA's, outline drainage and environmental impact assessments for solar farm developments across the UK. He has prepared hydrology and hydrogeology chapters for solar farms and groundwater dependent terrestrial ecosystems chapters for wind farm developments.

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Claire Hewett
Engena Limited
The Old Stables
Bosmere Hall
CREETING ST MARY
IP6 8LL

2nd August 2021

Dear Claire,

On behalf of Tristan, please find the below text for inclusion in the ESIA chapter

The ecology chapter has been prepared by Tristan Evans BSc MSc MCIEEM of Turnstone Ecology Ltd. Tristan is a Director at Turnstone Ecology who are a multi-disciplined ecological consultancy specialising in renewable energy projects and ornithology. The Directors have over 45 years combined experience as consultants, working on projects throughout the UK, mainland Europe, Asia, Central and South America, the Middle East and Africa.

Turnstone Ecology Directors and staff have experience of designing and carrying out field surveys and impact assessment throughout the UK and worldwide, including on Wind and PV renewable energy projects as well as major infrastructure projects including airports, gas pipeline, power stations and large-scale transmission lines.

Desk based work has included input in to international and national guidelines, Habitats Regulations Assessments, Critical Habitats Assessments, designing mitigation and monitoring packages for EMMPs and due diligence and review of projects against international lending institution guidelines.

We have worked extensively with local authorities and stakeholders to secure planning consent along with the relevant permits and licences on UK based schemes, in addition we regularly carry out on site construction and post monitoring to ensure conditions of these consents are adhered to.

If you require any further information or have any questions please do not hesitate to contact Simon Parker on 07766 088846 or at sparker@turnstoneecology.co.uk.

Kind Regards,



Simon Parker
Principal Consultant



Services

Viento Environmental works in a range of market sectors and we offer the following services:

- Landscape and visual impact assessment
- Landscape characterisation
- Landscape design
- Landscape appraisal and feasibility studies
- Planning graphics
- Expert witness services

Landscape Characterisation including undertaking landscape character assessments as part of planning applications and environmental statements or environmental reports, and interpreting published landscape characterisations to provide advice to clients on aspects of site design, layout, site integration and improvements to landscape fabric.

Recent project examples include assisting a charity organisation in the Midlands with an application to Natural England to designate an area of landscape as an Area of Outstanding Natural Beauty national designation. This work has involved drawing historic, cultural and landscape information from a number of sources, landscape characterisation work in the field and inputting information into prescribed landscape character forms.

Landscape and Visual Impact Assessment across a range of development types including commercial developments, agricultural proposals such as dairy and poultry applications, and renewable energy developments.

Viento projects have included Lower Leighton Dairy Unit near Welshpool, for which we provided expert evidence at public inquiry, various poultry unit applications in Wales where issues assessed included cultural heritage matters, landscape character and visual amenity impacts. Our experience in renewable energy LVIAs extends to over 80 wind farms and single turbine applications as well as a number of solar farm and anaerobic digestion facilities across

the UK. Since 2015 we have also been undertaking LVIA's for numerous solar farm applications within Southern Ireland. Several have been permitted with a number of applications currently in the planning process – yet to be determined.

Landscape Design including advice at the site design stage, planting designs, advice on methods of soft landscaping for site integration, assisting compliance with planning conditions and management of landscape contracts.

As part of our design capabilities we have designed landscape areas at TFM Superstore in Stableford, Shropshire and several landscape areas for buildings used by HM Courts and Tribunals Service in South Wales. At Rusholme Wind Farm we assisted our client with the discharge of planning conditions relating to landscape matters.

Expert Witness services including giving evidence at public inquiries, public hearings and written representation appeals.

We have provided expert witness evidence on a number of appeals for a range of development types including over twenty renewable energy appeals and agricultural developments.

WELCOME

ABOUT

SERVICES

ENDORSEMENTS

CONTACT

CONTACT

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SOCIAL



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IAN IBBOTSON

32, Oak Street, Windermere, Cumbria LA23 1EN

Mobile: 07977 490007

Email: i.ibbotson1@btinternet.com

Date of Birth: 26th March 1962

Nationality: British

Marital Status: Married with two children

Profession: Chartered Landscape Architect

Qualifications: BA (HONS) Landscape Architecture - Class II.I
Graduate Diploma in Landscape Architecture

Professional Membership: Chartered Member of the Landscape Institute CMLI

Profile: I presently specialise in environmental visualisation work within my own company, New Visual Solutions, providing visualisation services for other multi-disciplinary planning and design practices throughout the UK. I produce professionally informed visualisations in a range of formats that are used in visual impact analysis and are tested at public inquiry. I have spent seven years as an Autodesk software developer, creating application tools for infrastructure and landscape visualisations and have provided training in CAD and 3D visualisation techniques for over 20 years.

I have also worked for a leading environmental planning and landscape architecture practice, Stephenson Halliday Ltd, managing and producing a diverse range of visualisation outputs for landscape design and LVIA projects. Whilst working for Stephenson Halliday I produced photomontages and cumulative studies for many wind farm proposals and was instrumental in developing interactive models for the proposed Llynfi Afan wind farm. I also produced an extensive series of animations showing how the proposed Moy wind farm, south of Inverness, would impact whilst driving along the A9.

Currently I am building on my past experience, continuing to develop visualisation techniques and tools and working in partnership with my clients to add value to their work.

Key Skills: Landscape Architecture
LVIA / LVIA support graphics
CAD (AutoCAD based)
Environmental Visualisation (3D Studio Max) / Interactive 3D Environments
Report Writing / Desk Top Publishing (Adobe InDesign)
Photomontaging (Adobe Photoshop)
Computer, DVD and Web based Presentations
Animation / Interactive 3D environments
Working in a Team
Team management

Work Experience:

- Apr 16-Present: NEW VISUAL SOLUTIONS LTD
3D Visualisation / Photomontage Specialist
- Uniting landscape architecture with an extensive visualisation skill-set and unique visualisation tools and techniques, I provide a diverse range of environmental visualisation services for multi-disciplinary practices. Examples of my work can be found on the company's website: www.newvsol.com and more specific examples can be shown on request.
- Sept 14-Apr 16: HOUGH TULLET LTD
Principal Landscape Architect
- Working part time alongside work for New Visual Solutions (Ref: May 16-Present, above) on a range of landscape design projects and producing landscape and visual impact appraisals for a range of development proposals. I also provided a full range of visualisation services, ZTV and support graphics.
- Jan 12-Sept 14: NEW VISUAL SOLUTIONS LTD
3D Visualisation / Photomontage Specialist (Ref April 16-Present, above)
- May 09-Jan 12: STEPHENSON HALLIDAY,
Principal Landscape Architect (Visualisation and Digital Media)
- Supported the minerals, wind energy and landscape architecture teams at Stephenson Halliday with modern visual impact and design visualisations. Ensured that accurate visual representations (AVR) for projects were professionally informed and high quality. Outputs included photomontages, detail design visualisation, animations and interactive 3D environments. Remit was to continually develop this capability and to offer clients the most up to date visualisation and digital media services.
- Feb 02-May 09: KEY 3D LTD
3D Visualisation Specialist / Developer
- Established Key 3D Ltd after five years experience of using 3D Studio MAX modelling and animation software for infrastructure and landscape projects. Developed 'Key 3D' Application Tools for 3D Studio Max (over 40 specialist landscape modelling tools in 9 toolsets), and provided software, support and training to over 50 UK based practices. The company was part of the Key Systems Group of Companies based in Redditch, supplying Autodesk software solutions for Highways, Geotechnical, Landscape, Land and Coastal and GIS.
- Apr 99-Feb 02: SUSTEC
Technical Landscape Consultant
- Sustec offered project support for environmental planners, designers and managers seeking new and integrated solutions to complex problems. Sustec delivered application tools in the form of methodologies, configuration, and software programs to help focus CAD / GIS and 3D software on environmental planning and design tasks. Sustec also offered training and knowledge management so that the technology itself could become sustainable.
- Mar 98-Apr 99: GROUNDWORK WEST CUMBRIA
Environmental Systems Manager
- CAD and GIS development support to the design team and other sections. Formation and management of the Groundwork Network (48 trusts nationwide) CAD User Forum including 20 workshops and supporting presentations. Consulting

landscape architect on the software application development for the 'Changing Places' programme ecological survey module (£52 million worth of derelict land survey work using state of the art GPS data collection and GIS display and report using AutoCAD Map). Production of NW cycleway strategy maps for Sustrans. Production of Groundwork cycleway planning, design and management methodology on computer.

Jan 94 -Mar 98: GROUNDWORK WEST CUMBRIA
Landscape Architect

Projects for which directly responsible included: Landscape Strategy for Whitehaven and Workington; A landscape appraisal and community refurbishment scheme for two housing estates in Allerdale; Design feasibility for the creation of Whitehaven Town Centre Cycleway Link; Design and Implementation of Whitehaven to Workington Cycleway; Community based environmental improvement schemes, conservation projects and interpretation.

Responsible for managing the installation and development of Groundwork West Cumbria's CAD and GIS system, mapping, and NBS for Windows programmes. Worked as part of a multi-disciplinary team, liaising with and presenting to all sectors of the community, local industry and borough councils.

Aug 91 - Aug 92: GROUNDWORK BLACKBURN
Assistant Landscape Architect (1 yr experience)

Responsibilities included: School grounds (environmental education); Community projects; Environmental improvements of business premises; Land use proposals for Heysham Power Station.

Sep 88 – Aug 91: LONSDALE LANDSCAPES, BURTON, CUMBRIA
Landscape Constructor

Worked as part of a construction team (self employed) creating gardens and frontages.

Jul 85 - Sep 88: MERCIA LANDSCAPES
Landscape Design and construction

Spent over three years designing and constructing small landscape projects for private clients: site survey, levelling, scheduling, sketch design, working drawings, costing and on-site solving of construction problems (portfolio available).

Jul 84 – Jul 85: LEEDS CITY COUNCIL Environmental Improvement Scheme,
Environment Officer

Designed and supervised the construction of many landscape projects within the urban fabric of Leeds using varied materials and planting strategies.

Interests: Hill Walking / Nordic Walking / Lakeland Trails / Golf / Conservation / The Natural Environment / Sustainable Landscapes

References: I am happy to supply these on request



The heritage chapter has been prepared by Rob Bourn BA MA MCIfA of Orion Heritage Ltd. Rob Bourn is Orion Heritage's Managing Director who is a leading expert on development and planning related heritage issues and has extensive private and public sector experience advising developers, planning consultants and landowners on a wide range of developments across the UK.

Orion Heritage is an archaeological and heritage consultancy with over 50 years collective experience. The company provides independent advice to the private sector aimed at resolving the often-conflicting demands of heritage conservation while also achieving profitable and sustainable development. The Directors bring with them a wealth of experience of providing advice to clients on all stages of the promotion and construction of proposed developments. This ranges from land acquisition/due diligence, through the design and planning application (both outline and detailed) process, to the eventual discharge of archaeological and historic building conditions. This work routinely involves the production of desk-based assessments and historic environment ES chapters, negotiations with local planning authorities, the costing and management of archaeological investigations, and expert witness at public inquiry. Each of Orion's EIA team have suitable academic qualifications and professional accreditation.



Ion Acoustics is an acoustic consultancy set up in 2007 which has built up extensive experience in a wide range of noise and vibration assessments including residential developments, industrial / commercial developments and architectural acoustics.

The principal author of the noise and vibration chapter was Mark Harrison, BSc (Hons), Senior Consultant at Ion Acoustics. Mark is a corporate member of the Institute of Acoustics (MIOA) and has over 12 years of experience in acoustic consultancy, working on a range of schemes from large, multi-disciplinary projects to smaller private developers. Recent years have seen Mark specialise in environmental noise and vibration covering, among other things, an increasing number of renewable energy projects including solar farms, wind farms, and battery energy storage facilities. Mark has visited several solar farms and carried out measurements of the noise-generating equipment for compliance purposes.



Statement of Authority

The Glint and Glare Chapter has been produced by Tom Saddington and Michael McGhee of Neo Environmental. Having completed a civil engineering degree in 2012, Michael has produced Glint and Glare assessments for over 1GW of solar farm developments across the UK and Ireland. Tom has an undergraduate degree in Bioengineering and graduated with an MSc in Environmental and Energy Engineering in January 2020. He has been working on various technical assessments including glint and glare reports for numerous solar farms in Ireland and the UK.