

# CURRICULUM VITAE

## GRAHAM SENNHAUSER (NÉE RANKIN)

Experienced Ecologist, Ornithologist and Wildlife Biologist | Ecological Impact Assessment Specialist and Consultant



### Principal Ecologist - TETRIX Ecology

#### CAREER SUMMARY

Graham prides himself on being dynamic, commercially focused, and technically excellent having worked for 21 years in the fields of environmental consultancy and wildlife conservation. Graham has successfully managed the ecological and ornithological deliverables for a range of commercial, transport, renewable, mining and utility projects, including a number of 'high profile' projects, for example, the Tegout Copper / Molybdenum mine in Armenia and Forth Replacement Crossing in Scotland.

Through his previous project experience, Graham has gained valuable knowledge in field survey, report writing, mitigation development, monitoring and licensing, preparation of feasibility, scoping and fee proposals, and personnel co-ordination, logistics and team management of up to 15 ecologists and sub-contractors.

Graham has additional experience in the production of documents for public enquiry, in addition to reviewing and auditing internal and external reports and other documentation.

#### QUALIFICATIONS

- MSc Rural Resource Management: Conservation & Land Management, The University of Bangor (1999) (<http://www.bangor.ac.uk>).
- BSc (Hon) Biology, The University of Stirling (1996) ([www.stir.ac.uk](http://www.stir.ac.uk)).

#### AFFILIATIONS & MEMBERSHIPS

Available on request.

#### KEY ACHIEVEMENTS

- In-depth understanding and hands-on experience of a wide range of ecological and ornithological conservation / consultancy issues developed over a 21-year period as a practicing consultant ecologist / ornithologist.
- Experience and understanding of commercial, transport, renewable, mining and utility markets and associated environmental considerations.
- Management of large scale and complex projects, such as multi-site ecological and environmental assessments, and delivery within required timescales.
- Thorough in-depth understanding of UK and European wildlife and environmental impact assessment legislation.
- Strong project management, including client communication, financial and commercial control and reporting.
- Commercial awareness and understanding of clients' needs in environmental consultancy.

## UK DOMESTIC AND EUROPEAN PROTECTED SPECIES LICENSES

Available on request.

### SERVICE OFFERINGS

- Amphibian & Reptile Survey and Assessment
- Basic Tree Survey & Inspection
- Bird Hazard Assessment & Management Plans
- BREEAM
- Development & Survey Licenses
- Ecological Clerk of Works
- Ecological Due Diligence
- Ecological Impact Assessment
- Habitat & Species Management Plans
- Habitat Regulations Appraisal
- Invasive Species Survey & Assessment
- Marine Mammal Obs.
- Ornithological Surveys & Assessment
- Preliminary Ecological Appraisal
- Protected Species Surveys & Assessment
- Public Enquiry

### KEY RELEVANT EXPERIENCE

#### Local Development

Matthew Benians Landscape Architect, Dalrymple Mews (2017)

Graham completed an initial (ecology) site appraisal checklist in support of the proposed re-development of Dalrymple Mews, which is planning requirement under the current Glasgow City Development Plan: Policy CPD7 (Natural Environment) and SG7 (Natural Environment: Supplementary Guidance). In addition, Graham also provided the project with a supporting (ecological) statement, which presented an appraisal of the proposed development's limited ecological effects. Collectively, the two deliverables ensured the proposed development was compliant, not only with local planning policy, but also domestic and European wildlife legislation.

#### National Development

City Legacy Ltd, Commonwealth Games Athlete's Village (2011 - 2013)

Graham was appointed ecology project manager with the responsibility for producing and delivering two sustainability assessments as part of the BREEAM / EcoHomes schemes. In addition, Graham acted as Ecological Clerk of Works during site clearance and construction works, and was responsible for undertaking update protected species field surveys for badger and otter, in order to comply with the provisions of a project protected species license under domestic and European legislation. Web link: [www.glasgow2014.com](http://www.glasgow2014.com)

#### Transport

Transport Scotland, Forth Replacement Crossing (2008 - 2011)

Graham was appointed ecology project manager responsible for the production of the Ecological and Ornithological Impact Assessments and other project deliverables, including the development and delivery of a consultation strategy, delivery of a suite of terrestrial baseline surveys, development of mitigation and delivery of advanced works. Graham was additionally responsible for costing all of the ecology deliverables and control / tracking of ecological finances. Web link: [www.transportscotland.gov.uk/project/forth-replacement-crossing](http://www.transportscotland.gov.uk/project/forth-replacement-crossing)

Transport Scotland, Aberdeen City Council and Aberdeenshire Council, Aberdeen Western Peripheral Route (2004 - 2011)

Graham was appointed ecology project manager responsible for the production of three route-specific Ecological Impact Assessment reports, delivery of a series of terrestrial baseline surveys and development of a project-wide mitigation strategy. Graham was also responsible for scoping all of the ecology deliverables and control / tracking of ecological finances, in addition to providing expert witness support at the public enquiry, which entailed the preparation of briefing statements for the Queen's Council and provision of witness support during examination. Web link: [www.transportscotland.gov.uk/project/aberdeen-western-peripheral-route-balmedie-tipperty](http://www.transportscotland.gov.uk/project/aberdeen-western-peripheral-route-balmedie-tipperty)

## Renewables

Burcote Wind Ltd, 12 (No) Section 36 Wind Farm Sites (Scotland) (2011 - present)

Graham was appointed discipline lead with the ultimate responsibility for the delivery of a series of sequential Ecological and Ornithological Impact Assessments in support of twelve wind farm sites throughout Scotland. As part of the above role, Graham was responsible for scoping and delivering of a suite of ecological / ornithological surveys (birds, habitats and protected species), development of a site-wide mitigation strategy and production / review of the Ecological / Ornithological Impact Assessment reports. Published environmental statements from the portfolio include: Meikleton Wind Farm ([www.meikletonwindfarm.com](http://www.meikletonwindfarm.com)) (2012), Sandy Knowe Wind Farm ([www.sandyknowewindfarm.com](http://www.sandyknowewindfarm.com)) (2012), Longburn Wind Farm ([www.longburnwindfarm.com](http://www.longburnwindfarm.com)) (2013) and Creggan Wind Farm ([www.cregganwindfarm.com](http://www.cregganwindfarm.com)) (2013).

## Mining

Vallex Group (Armenia), Teghout Copper / Molybdenum Mine (2012 - 2013)

A review of the project and previous assessment work, which was undertaken by EKF ([www.ekf.dk](http://www.ekf.dk)) in March 2012 as part of their considerations for approving the financing of the project, identified a need to implement a number of ecological actions prior to financial closure. Graham was recruited as ecology discipline lead responsible for the production and implementation of an Ecology and Conservation Scoping and Implementation Report, which required a number of independent site visits to Armenia / the Teghout mine site. As part of the commission, Graham developed a close partnership with the National Academy of Science and Yerevan State University, in terms of financially scoping, agreeing and implementing a series of ecological and ornithological surveys, which generated baseline information to inform an update environmental report for the site. Web link: [www.teghout.am/en/](http://www.teghout.am/en/)

## Transmission / Utilities

SSE, Beaulieu Denny 400kV Replacement Overhead Transmission Line (2011 - 2013)

Graham was recruited as Environmental Clerk of Works for the Southern Section of this high profile electrical transmission project. As part of his role, Graham was responsible for liaising and coordinating between the construction contractor's environmental manager, the client (SSE) and Scottish government regulators. As part of the above role, Graham was additionally responsible for managing and coordinating a large team of environmental specialists (ecologists, ornithologists and archaeologists) to ensure compliance with planning permission conditions and project-wide environmental documentation, in addition to over-arching domestic and European legislation. Web link: [www.ssepd.co.uk/BeaulieuDenny/](http://www.ssepd.co.uk/BeaulieuDenny/)

## CONSULTANCY EMPLOYMENT HISTORY

- Principal Ecologist | Managing Director, TETRIX Ecology ([www.TETRIXecology.com](http://www.TETRIXecology.com)). January 2017 - date
- Head of Ecology, ITP Energised Limited ([www.itpenergised.com](http://www.itpenergised.com)). July 2013 - Dec 2016.
- Associate Ecologist, WSP Global Inc. ([www.wspgroup.com](http://www.wspgroup.com)). February 2011 - June 2013.
- Consultant, Senior and Principal Ecologist, Jacobs Engineering U.K. Ltd ([www.jacobs.com](http://www.jacobs.com)). September 2002 - February 2011.
- Contract Ecologist, Heritage Environmental Ltd ([www.heritage-environmental.co.uk](http://www.heritage-environmental.co.uk)). June - September 2002.
- Consultant Ecologist, EPCAD. March - September 2001.

## CONTACT DETAILS

Email: [graham@TETRIXecology.com](mailto:graham@TETRIXecology.com)

Tel: +44 (0)7771 617989

LinkedIn: <https://uk.linkedin.com/in/gsennhauser>