

MARY LOUISE DAY

BEng (Hons) Acoustical Engineering | MBA Strategic Leadership | MIOA

+44 7540 570 840 | hello@soundconsulting.ltd | Hampshire, UK

PROFESSIONAL SUMMARY

Independent acoustic consultant specialising in environmental and building acoustics. ISVR-trained engineer (BEng Hons) with MBA in Strategic Leadership and over 15 years of industry experience. Member of the Institute of Acoustics (MIOA).

I combine technical acoustic expertise with strategic business thinking to deliver practical, cost-effective solutions for architects, developers, and building owners across the South of England.

Experienced in all aspects of acoustic consultancy including project management, liaison with architects, developers, local authorities, and planning consultants. Main areas: environmental, architectural, building services, planning, and industrial acoustics. Current with relevant British Standards including BS 4142:2014+A1:2019, BS 8233:2014, Building Regulations Approved Document E, ProPG (2017), and ISO 16283 series.

EMPLOYMENT

Owner & Managing Director | Principal Acoustic Consultant

Sound Consulting Limited | June 2017 – Present

Independent acoustic consultancy providing environmental and building acoustics services. Currently accepting selective projects with focus on architectural acoustics and strategic acoustic design for residential and commercial developments.

Senior Acoustic Consultant

Lee Cunningham Partnership (CAICE) | March 2017 – June 2017

Acoustic Consultant

Clarke Saunders Associates (formerly Alan Saunders Associates) | July 2007 – February 2017

Promoted from Assistant Consultant (2007-2011) to Acoustic Consultant (2011-2017).

EDUCATION

MBA (Merit) – Strategic Leadership

University of Portsmouth, Faculty of Business and Law | 2018-2020

Modules: Strategic Management, Financial Management, Corporate Communications, Innovation & Entrepreneurialism, Strategic Leadership & Change, Coaching for Leaders & Managers, Research Projects

BEng (Hons) 2:1 – Acoustical Engineering

Institute of Sound and Vibration Research (ISVR), University of Southampton | 2004-2007

Modules: Underwater Acoustics, Dynamics of Fluids, Control Systems, Signal Processing, Engineering Design, Human Effects & Regulations, Musical Instrument Acoustics, Research Project

MARY LOUISE DAY

BEng (Hons) Acoustical Engineering | MBA Strategic Leadership | MIOA

+44 7540 570 840 | hello@soundconsulting.ltd | Hampshire, UK

SELECTED EXPERIENCE

Environmental Acoustics

- Noise impact assessments for planning applications (BS4142, ProPG methodology)
- Transport noise modeling and assessment for residential developments
- Industrial and commercial noise sources across retail, leisure, and industrial sectors
- Specialist projects: wind turbines, motocross circuits, waste transfer facilities, grain drying operations
- Construction and demolition noise monitoring including baseline surveys and Section 61 applications
- Long-term monitoring systems for noise, vibration, and dust with alert threshold management

Architectural & Building Acoustics

- Internal and external building fabric review and specification for commercial, industrial, and residential developments
- Acoustic performance targeting: Building Regulations Part E, Code for Sustainable Homes, BB93, HTM08-01, BREEAM
- Room acoustics and speech privacy for lecture theatres, performance spaces, offices, and educational facilities
- Layout optimisation to minimise noise transfer between sensitive and non-sensitive spaces
- Building services acoustic review including plant installations in noise-sensitive areas
- Troubleshooting and diagnostic investigations for post-construction performance issues

Planning & Legal Support

- Planning applications and appeals with detailed survey work and noise impact assessments
- Change of use assessments and mitigation specifications
- Local Authority liaison and documentation review
- Noise modeling to inform building layouts for large-scale residential sites near transport routes
- Conflict resolution between residential and industrial/leisure uses
- Expert acoustical interpretation for legal proceedings

PROFESSIONAL SKILLS

Technical: CadnaA noise modeling software, SketchUp, Vectorworks, developing proficiency in BIM workflows

Software: MS Office suite, Windows environments, acoustic measurement and analysis software

Professional: Project management, client liaison, strategic planning (MBA-trained), technical report writing

Languages: Fluent in English and Welsh | Full clean UK driving license

INTERESTS

Musician: Violin (ABRSM Grade 7 Merit), piano, vocals | Singer and songwriter for heavy metal band (2 albums recorded) | Member of Welsh folk dancing group | Sustainable building and renewable energy technologies | DIY construction and property development | Cycling and walking