

Dr Stuart Carmichael

PhD, MSc, BArch (Hons), BSc (Hons), PGCert, FCIQB, MAE, QDR,



Forensic Delay & Disruption Expert | Accredited Expert Witness & Expert Determiner

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EDUCATION

PhD: Collaborative Contracts and Risk, University of Salford, United Kingdom (2002)

MSc: Construction Project Management, University of South Bank, United Kingdom (1994)

BArch (Hons): Architecture, University of Dundee, United Kingdom (1992)

BSc (Hons): Architecture, University of East London, United Kingdom (1988)

PGCert (Merit): Construction Law, University of Central Lancashire, United Kingdom (2008)

LANGUAGES

English – Native

Spanish – Intermediate

GEOGRAPHIC EXPERIENCE

United Kingdom, Europe, Middle East, Asia Pacific, and The Americas.

KEY QUALIFICATIONS (LICENSES, REGISTRATIONS/MEMBERSHIPS, CERTIFICATIONS)

Fellow – Chartered Institute of Building (FCIQB)

Qualified Dispute Resolver – The Academy of Experts (QDR), Accredited Expert Determiner

Member – The Academy of Experts (MAE)

Associate – Chartered Institute of Arbitrators (ACI Arb)

Member – Society of Construction Law

CAREER HIGHLIGHTS & EXPERIENCE

Dr Stuart Carmichael is an internationally experienced Forensic Delay & Disruption Expert, Accredited Expert Witness and Accredited Expert Determiner, with over 35 years' experience in the construction industry and more than 20 years working on international projects and disputes.

His principal expertise lies in forensic delay and disruption analysis, extensions of time, concurrency, construction claims and dispute resolution. With academic and professional backgrounds spanning architecture, construction project management, construction law and collaborative contracting, he brings a broad understanding of the technical, contractual and commercial issues that arise on complex construction and infrastructure projects.

Stuart has undertaken numerous appointments as an independent delay and planning expert and has prepared expert evidence for ICC, DIAC, ACA, AIAC and ad hoc arbitrations across multiple jurisdictions. His work has included the preparation of

independent expert reports, reply reports and joint statements, participation in expert meetings, and the presentation of oral evidence under cross-examination.

In addition to his Expert Witness work, Stuart is an Accredited Expert Determiner with The Academy of Experts and is included on the Academy's Register of Qualified Dispute Resolvers. This complements his wider experience in dispute avoidance and resolution, including the independent assessment of claims, negotiated settlement of multimillion-dollar disputes, and advisory work aimed at resolving issues before they escalate into formal proceedings.

Stuart also advises clients on delayed and distressed projects, including programme review, recovery strategy, mitigation and acceleration, and the development of formal acceleration and supplementary agreements. His experience enables him to consider delay and claims issues not simply as matters of programme analysis, but within the wider context of project delivery, contractual entitlement and commercial resolution.

He has contributed to high-profile UK Government-funded research into construction and project delivery and has extensive experience in professional training, lecturing and the delivery of workshops in project management, planning, delay analysis and dispute-related subjects.

Stuart is a Fellow of the Chartered Institute of Building, a Member of The Academy of Experts, an Associate of the Chartered Institute of Arbitrators, and a qualified dispute resolver specialising in Expert Determination.

PROJECT EXPERIENCE

The following selected projects represent a cross-section of Dr Carmichael's experience in forensic delay analysis, dispute resolution, and project advisory services across multiple sectors and jurisdictions.

Period: 2024-Ongoing | 4Sight International

Project: Port Expansion Project – Oman | Role: Independent Delay Expert Witness at Arbitration

Appointed as Expert Witness on delay for an ad hoc Arbitration in relation to a large port expansion project in Oman (Case ongoing).

Responsibilities/Tasks:

- Analysed key delay events such as late dredging, quay wall completion, or design approvals.
- Assessed zoning and access constraints affecting sequencing between marine and land-side works.
- Reviewed baseline and update programmes for logic, interfaces, and marine work windows.
- Quantified critical delays using as-planned vs as-built delay analysis method.
- Produced an initial independent report on delay.

Period: 2024-2025 | 4Sight International

Project: Large Apartment Complex - Penang | Role: Independent Delay Expert Witness at Arbitration

Appointed as Expert Witness on delay for an ad hoc Arbitration in relation to a prestigious apartment building in Penang, Malaysia. Production of Expert Reports and cross-examination at the hearing.

Responsibilities/Tasks:

- Reviewed design and construction programmes to assess sequencing of structure, façade, and fit-out works.
- Analysed delay events including late access to site, unforeseen ground conditions, late design information, material shortages, and access restrictions between floors and zones.
- Quantified critical path impact using as-planned vs as-built method with S-curve analysis.
- Produced main delay report, reply report, joint statement and provided expert testimony at the arbitration hearing.

Period: 2023-2024 | 4Sight International

Project: Residential Tower – Kuala Lumpur | Role: Independent Delay Expert Witness at Arbitration

Appointed as Expert Witness on delay for an ad hoc Arbitration in relation to a two-tower and podium project in Kuala Lumpur. Production of Expert Report for adjudication.

Responsibilities/Tasks:

- Reviewed programme logic to assess sequencing and interdependencies between the two towers and podium works.
- Analysed progress data to identify which tower drove the overall project critical path.
- Examined access, crane locations, and shared resources affecting concurrent work fronts.
- Performed forensic delay analysis to isolate and quantify tower-specific delays.
- Produced an initial independent report on delay (Case settled after adjudication).

Period: 2024-2025 | 4Sight International

Project: New Gas Supply System – Oman | Role: Independent Delay Expert Witness at Arbitration

Appointed as Expert Witness on delay for an ad hoc Arbitration in relation to a project for the provision of a new gas supply system in Oman. Review of claim produced by the Contractor.

Responsibilities/Tasks:

- Reviewed EPC schedules covering pipeline, compressor station, and terminal interface.

- Analysed delay events including late permits, right-of-way access, and material and equipment delivery.
- Quantified critical delays aligned with contractual milestones.
- Produced initial delay report. Case subsequently settled.

Period: January 2019-March 2022 | FTI Consulting (Middle East)

Project: 5-Star Hotel Developments – Dubai, UAE | Role: Independent Expert (Employer's Advisor)

Three luxury hotel projects forming part of a major waterfront leisure complex. Appointed as independent forensic planner and advisor to review baseline and update programmes, analyse EoT submissions, and advise on concurrency and entitlement.

Responsibilities/Tasks:

- Reviewed programmes and records for three separate hotel projects for the same Client.
- Analysed delay events including late MEP coordination, air-conditioning and chilled-water installation issues, and interior fit-out delays.
- Performed forensic delay analysis to determine entitlement and quantify time impacts.
- Reviewed Contractor's claims, drafted Engineer's assessments and independent Expert Reports.
- Supported Employer's planning team to strengthen project controls.

Period: 2019-2020 | FTI Consulting (Middle East)

Project: Mixed-Use Waterfront Tower – Belgrade, Serbia | Role: Forensic Delay Analyst

High-rise tower development comprising residential, retail, and leisure facilities. Undertook independent forensic analysis to determine historical delays and prepare documentation for claim settlement.

Responsibilities/Tasks:

- Audited baseline and monthly programmes for accuracy.
- Reconstructed as-built logic and quantified critical delays.
- Prepared supporting delay analysis for commercial negotiation.
- All historic delay claims were settled with a supplementary agreement to the contract.

Period: 2020-2021 | FTI Consulting (Middle East)

Project: Villa & Apartment Complex – Dubai, UAE | Role: Forensic Planning Expert (DIAC Arbitration)

Large-scale residential project consisting of hundreds of villas, apartment blocks, and shared recreational facilities subject to DIAC arbitration. Provided expert opinion on delay and concurrency between Employer and Contractor.

Responsibilities/Tasks:

- Reviewed master programme and zone schedules and analysed sequencing and access constraints between construction zones and shared infrastructure.
- Identified delay events including late utility connections, material shortages, and interface issues between Contractors.
- Reconstructed schedules records and conducted S-curve and as-built critical path analysis.
- Undertook forensic delay analysis to determine which zones and facilities drove the critical path.
- Prepared expert and joint reports and gave oral testimony under cross-examination.

Period: 2020-2021 | FTI Consulting (Middle East)

Project: Power & Water Desalination Facility – Qatar | Role: Forensic Planning Expert (ICC Arbitration)

Major EPC facility combining power generation and water treatment. Appointed as expert to evaluate acceleration and disruption claims under ICC arbitration proceedings.

Responsibilities/Tasks:

- Reconstruction of schedules from hardcopy documents and compilation of an as-built schedule.
- Completion of S-curve analysis to confirm the critical path.
- Full expert evaluation on the cause and effect of the delays.
- Validated and corrected logic errors in Primavera P6 programmes.
- Applied as-planned vs as-built methodology.
- Produced joint and independent Expert Reports and presented oral evidence during the hearing.

Period: 2020 | FTI Consulting

Project: Wastewater Collection, Treatment & Reuse Scheme – Oman | Role: Forensic Delay Expert (Ad-hoc Arbitration)

Multi-site wastewater treatment programme analysed under an ad-hoc arbitration. Evaluated causation and concurrency to determine entitlement to EoT.

Responsibilities/Tasks:

- Reviewed Contractor's schedules for consistency.
- Applied as-planned vs as-built methodology to define delay causation.
- Amendments made to the submitted Contractor's schedules to correct logic errors.
- Full expert evaluation provided on the cause and effect of the delays.

- Produced joint and independent Expert Reports and presented oral evidence during the hearing.

Period: 2020 | FTI Consulting

Project: Air Separation Plant, India | Role: Forensic Planning Expert (ACA Arbitration)

Industrial gas facility requiring reconstruction of schedules and analysis of delay and disruption. Appointed as expert under ACA arbitration.

Responsibilities/Tasks:

- Used Time Impact in Windows methodology.
- Corrected logic and resource data errors.
- Delivered expert and joint reports, and oral testimony.

Period: 2017-2018 | Independent Consultant

Project: Sewage Network & Vacuum Stations, Middle East | Role: Forensic Planning Expert (ad hoc Arbitration)

Large wastewater collection and pumping system. Appointed as expert to assess delays and produce reports for ad hoc arbitration proceedings.

Responsibilities/Tasks:

- Applied Adjusted Impacted As-Planned analysis.
- Quantified delays and assessed concurrent events.
- Prepared expert and joint reports and testified at hearing.

Period: 2017-2018 | Independent Consultant

Project: Oil & Gas Processing Facility, India | Role: Forensic Planning Expert (ACA Arbitration)

Dual-contract EPC processing plant project. Engaged as expert to evaluate delay and disruption issues and provide evidence under ACA arbitration.

Responsibilities/Tasks:

- Reviewed Contractor's schedules for consistency.
- Applied as-planned vs as-built methodology to define delay causation.
- Produced joint and Expert Reports for arbitration.

Period: 2018 | Independent Consultant

Project: Residential Tower – UAE | Role: Planning Advisor

High-rise residential tower dispute under DIAC arbitration. Provided independent expert opinion on causes and extent of delay.

Responsibilities/Tasks:

- Reconstructed as-built schedule.

- Determined critical delays and sequence changes.
- Produced expert and joint reports; gave oral testimony.

Period: 2018 | Independent Consultant

Project: Pan-American Games Venues, Lima, Peru | Role: Forensic Planning Expert (DIAC Arbitration)

Design-and-build delivery of international sports venues under NEC contracts. Assisted Contractor in developing NEC-compliant CPM master schedules and reporting.

Responsibilities/Tasks:

- Developed master and sub-schedules in Primavera P6.
- Established prospective delay analysis procedures.
- Implemented consistent progress-update process.

Period: 2014-2018 | Independent Consultant

Project: North Terminal Port Modernisation, Callao, Peru | Role: Forensic Planning Expert / Advisor

Large port re-development spanning seven different site areas. Works consisted of extensive demolitions of buildings, structures and quays, and re-construction of new quays (piling and decks), administrative, workshop and technical buildings, site wide services networks, external pavements, and associated infrastructure.

Responsibilities/Tasks:

- Preparation of an initial delay, prolongation and disruption claim for the consortium initially commissioned to undertake retrospective delay analysis. Multiple events such as access delays, unforeseen ground conditions, delayed information, and numerous variations which affected one or more of the five contractual milestones.
- Assisted in refining the existing planning and progress monitoring function. Delay analysis was updated throughout the remainder of the project.
- Assisted with the verification and integrity checks of monthly update programmes and prepared monthly variance schedules.
- Identification of potential delays and notification to the Engineer as required.
- Oversight on the preparation of recovery and acceleration schedules.
- Contributed to the production of a formal acceleration agreement.
- Expert Appointment - Dispute Adjudication Board (DAB). After successful resolution of extension of time matters, produced Expert Reports for prolongation, concurrency, and disruption.
- Conducted retrospective delay analysis and EoT claims.
- Verified monthly update programmes and recovery schedules.
- Prepared Expert Reports and provided evidence at DAB hearing.

Period: 2014-2016 | Independent Consultant

Project: Hydro Power Project – Panama | Role: Forensic Planning Expert / Advisor

Dam and power station development under FIDIC 1999 Contract. Works consisted of dam construction, head race canal and two power stations. Contract Addendum. Project had undergone considerable variations and change in scope. Provided integrity checks and delay assessments following major scope variation.

Responsibilities/Tasks:

- Integrity checks of the CPM programmes (MSP) and required modifications made.
- Assessment of existing EoT claims.
- Submission of new EoT claims (Analysis and reports).
- Disruption assessments.
- Recovery planning.
- Provision of schedule analysis reviews for negotiation.

Period: 2015-2016 | Critical Path LLC (Middle East)

Project: FEED Modification Project, Abu Dhabi | Role: Forensic Planning Expert /Advisor

Front-End Engineering Design modification for a major national oil company. Reviewed CPM schedules and developed detailed extension-of-time claim.

Responsibilities/Tasks:

- Verified resourced Primavera P6 programmes.
- Prepared analytical delay reports and claim submissions.
- Supported Contractor negotiations with Client.

Period: 2014-2016 | Critical Path LLC (Middle East)

Project: Hotel Project, Abu Dhabi | Role: Forensic Planning Expert /Advisor

A large-scale international hotel project. The project suffered initial delays due to problems with unforeseen ground conditions.

Responsibilities/Tasks:

- Undertook schedule integrity checks.
- Assisted with P6 schedule updates and progress reporting. Production of variance schedules and notification of delay events identified.
- Produced EoT claims for negotiation.
- Supported Contractor negotiations with Client.

Period: 2013 | Critical Path LLC (Middle East)

Project: Oil Refinery, Siberia, Russia | Role: Forensic Delay Expert (ICC Arbitration)

Bespoke EPC Contract. Works consisted of the construction of numerous buildings, infrastructure, and extensive mechanical works. Dispute involved a contract termination of a Subcontractor due to alleged poor performance and progress. Appointed as Expert (forensic planning) for ICC Arbitration.

Responsibilities/Tasks:

- Review and opinion of the effects of events alleged by Sub-Contractor (Referring Party) such as late issue/ approval of drawings, reduction in labour, late deliveries, late handover of site areas and winter working.
- Assessment of multiple resource loaded schedules with required amendments to determine the true critical path.
- Assessed the Subcontractor's actual rate of progress to establish if termination was justifiable.
- Prepared Expert Reports and provided oral evidence and expert opinion at the arbitration hearing in Geneva.

Period: 2013 | Critical Path LTD (UK)

Project: Thermal Power Plant, Serbia | Role: Forensic Delay Expert (ICC Arbitration)

Expert Appointment: ICC Arbitration. Review of claim produced by the Contractor leading to the Appointment as Expert (forensic planning) for ICC Arbitration. Case settled before the hearing.

Responsibilities/Tasks:

- Meetings with lawyers.
- Assessment of documents and data.
- Produced an as-built programme from the available records.
- Produced initial expert opinion for negotiations.

Period: 2012 | Critical Path LTD (UK)

Project: Alstom Power/ Nuclear Power Station – Mexico | Role: Forensic Planning Expert /Advisor

Assessments of delay and disruption regarding two delayed unit outages required for the refurbishment of generators, turbines, and associated equipment. Main delays were to do with design problems and ineffective planning of the refurbishment process during the tight outage timescales. Analysis undertaken at the site in Vera Cruz, Mexico and interviewing the project team.

Responsibilities/Tasks:

- Identifying the cause and effect of the delays.
- Reconstructing the as-built schedule.

- Schedule audits and corrections required.
- Produced an as-built programme from the available records.
- Production of independent reports for both units.

Period: 2012 | Critical Path LTD (UK)

Project: Waste Recycling Centre- UK | Role: Forensic Planning Expert /Advisor

Preparation of EoT and prolongation claim documents for a main Sub-Contractor relating to Air Cooled Condensers.

Responsibilities/Tasks:

- Identifying the cause and effect of the delays.
- Reconstructing the as-built schedule.
- Produced an as-built programme from the available records.
- Production of independent report for negotiation.

Period: 2008-2013 | Critical Path LTD (UK)

Project: Cross-Border Road and Rail Bridge - Vidin (Bulgaria)-Calafat (Romania) | Role: Forensic Planning Expert /Advisor

Contract value EUR 200Mn Euros, Claims value EUR 90Mn. Contracts were FIDIC Yellow book and FIDIC Red book. Works consisted of two Contracts, one for a 1.8 Km single structure bridge (segment construction) and the other for the associated infrastructure works (road and rail). Involvement on the project from commencement until completion dealing with planning support and time and cost claims.

Responsibilities/Tasks:

- Project planning oversight including preparation of monthly update and variance schedules.
- Delay notifications.
- Preparation of monthly delay reports and contemporaneous analysis as part of ongoing submissions and negotiations for time and money claims.
- Provided delay and disruption claim submissions (for both Contracts).
- Produced a Design Claim which considered the impact of design changes and delays in submissions and responses by both parties.
- Provision of project control support for cost monitoring.
- Also commissioned to undertake a full retrospective delay analysis for the bridge which required detailed analysis of delay and disruption events such as late site access, winter weather, extreme hydrological conditions as well as geotechnical and embankment design issues.
- Collaborated with the Engineer to agree a revised schedule with agreed as-built dates, progress, and winter weather parameters to negotiate and agree time and cost claims.

Period: 2007-2008 | Critical Path LTD (UK)

Project: Coal-Fired Power Station FGD, Rugeley B, Staffordshire, UK | Role: Forensic Planning Expert /Advisor

The project involved the construction of FGD (desulphurisation) plants using limestone flue gas de-sulphurisation. A contract was announced in late 2005 to deliver two FGD plants. Appointed as Expert (forensic planning) for an Adjudication.

Responsibilities/Tasks:

- Detailed assessments of current delay.
- Assessment of progress. Planned productivity and claimed disruption.
- Provision of Expert reports for adjudication and assisted lawyers in the adjudication hearing.

Period: 2007-2008 | Critical Path LTD (UK)

Project: Apartment Project, Manchester, UK | Role: Forensic Planning Expert /Advisor

A large apartment complex in Manchester was substantially delayed due to design changes. Appointed as Expert (forensic planning) for an ICC Arbitration. Case settled prior to hearing.

Responsibilities/Tasks:

- Assessment of design delays, review of drawings and other documents.
- Production of initial report.
- Case negotiated after first report was issued.

Period: 2006 | Critical Path LTD (UK)

Project: Training to Romanian Ministry of Transport | Role: Forensic Planning Expert /Advisor

Delivery of 2-week Training Programme for the European Commission Delegation in Bucharest, Romania entitled "*Provision of FIDIC expert for training delivery to RO authorities responsible for implementation of transport measures*". Modules consisted of best practice project planning, scheduling software tuition, and instruction on methods of contemporaneous and retrospective delay analysis.

Responsibilities/Tasks:

- Developed overall training course in compliance with EU requirements.
- Delivery of all modules to Romanian Ministry of Transport staff in Bucharest.
- Subsequently reviewed Romanian Ministry of Transport claims.

Other Notable Projects, Period: 2006-2011 | Critical Path LTD (UK)

Role: Forensic Planning Expert /Advisor

- Offshore oil field project, Abu Dhabi. Provision of EoT submissions and acceleration analysis.

- Coal Fired Power Station, UK: Disruption claim for Sub-Contractor.
- Highway Project, Eastern Europe. Review of Contractor EoT submission for Employer.
- Road bypass projects Romania. Production of EoT claims for Contractor on three road projects.
- Assessment and production of EoT applications for Contractor on a UK Railway station.
- Programme audit and production of an acceleration programme for a desulphurisation plant.
- Further College Education: Programme review and delay analysis. Determination of EoT entitlement.
- Polyethylene Plant, UK: Advisor to Sub-Contractor in delay and disruption claim preparation.
- Police Custody Unit: Programme review and delay analysis. Determination of potential EoT entitlement.
- Biomass Plant: Delay analysis for Contractor. Programme review and assessment of EoT.
- Programme audits and recovery programmes for the development of a petrochemical plant in the UAE.

Period: 2005-2006 | Driver Consult Plc, Manchester, UK

Project: Multiple | Role: Senior Consultant/ Delay Analyst

Responsibilities/Tasks:

Undertook schedule reconstructions, retrospective delay analysis, and EoT report preparation on the following projects:

- Power station (coal) (UK).
- Large residential building (UK).
- Mixed residential and commercial building (UK).
- PFI hospital (UK)

Period: 2003-2005 | Freelance, Manchester/ London, UK

Project: Multiple | Role: Delay Analyst/ Researcher

Responsibilities/Tasks:

Undertook schedule reconstructions, retrospective delay analysis, and report preparation on the following projects:

- Production of delay analysis on a major hydro-power project for the Water & Power Development Agency (Pakistan).

- Assessment of delay to groundworks on a Power station (UK).
- Concurrent work with the 6-star research rated Centre for Construction Research and Innovation at University of Salford (UK) on UK Government and Private Sector Research Initiatives.
 - Member of NAO core team for 'Modern Methods of Construction' study for the Office of the Deputy Prime Minister.
 - Developed comparative analysis of time and cost across house-building methods.

Period: 2002-2003 | Knowles Management Ltd, UK

Project: National Health Service (NHS) | Role: Senior Consultant

Responsibilities/Tasks:

Procurement planning and strategic business advice. Design of training modules for NHS (National Health Service) ProCure21 Partnering Framework Agreement and assistance in the development of the Government Framework partnering strategy and ProCure21 Programme. Delivered numerous seminars. Module subjects included the use of the NEC contract in the NHS ProCure21 Process, best value & value management, risk management, and performance management. Also developed a web-based project management process demonstrator.

Period: 2001-2002 | Pickavance Consulting Ltd, UK

Project: Multiple | Role: Delay Analyst

Responsibilities/Tasks:

Working on arbitration and adjudication case as an Expert Assistant. Projects worked on include:

- Expert Assistant on Arbitration for a new oil pipeline working for the Claimant (Contractor).
- Chip board production facility. Working for Defendant (Contractor). Delays and rework caused by poor Sub-Contractor performance and errors associated with installation of critical plant.
- Notable publicly funded library working with Claimant (Contractor). Numerous delaying events attributed to Contractor errors and Client changes.
- Secondary School. Inadequate design of roof leading to redesign and additional work. Working for Claimant (Sub-Contractor).
- International Bank. Computer data communications centre, working for Client. Fast track investigation of poor workmanship and assessment of key delaying factors.
- Shopping centre. Working for Claimant (Client).

Period: 1999-2001 | P3 Knowledge Technology Ltd, UK

Project: Multiple | Role: Co-founder/ Director

Responsibilities/Tasks:

Providing project management and control services to the construction industry specialising in process mapping, partnering and project modelling. Responsible for a two-year implementation project with major UK Contractor undertaken on behalf of the DETR (Department of Trade & Industry), which assessed the benefits of using a 'Generic Design and Construction Process Protocol.' Also provided various modelling services to local authorities, architects, and developers such as validated visualisations for planning applications and tenders. Design of modular business unit for Manchester University.

Period: 1996-1999 | University of Salford, UK

Project: Partnering in Construction | Role: Researcher Fellow

Responsibilities/Tasks:

Responsible for researching best practice partnering in manufacturing and the development of industry guidelines for partnering centered procurement in construction as part of the EPSRC / IMI research initiative 'Construction as a Manufacturing Process.' Author of main publications consisting of Best Practice Partnering Guidelines, academic reports and papers and final marketing material.

- Co-ordinated the development of a partnering policy document for AMEC Civil Engineering.
- Developed a 'zero defects' software application for George & Harding construction managers.
- Assessed impact of formal partnering arrangements on the design of the 'Generic Design and Construction Process Protocol', second phase of Government EPSRC research project.

Period: 1994-1995 | University of Central Lancashire, UK

Project: Teaching and Course Development | Role: Lecturer

Responsibilities/Tasks:

Lecturing second and final year degree students in construction and project management classes such as project scheduling, procurement, project resource planning, architectural technology, and management information systems. Production of course programmes, examination papers, and student assessment.

Early Career Prior To Postgraduate Study

Period: 1989-1990 | Hickey & Thomson Architects, Glasgow, UK

Project: Multiple | Role: Assistant Architect

Responsibilities/Tasks:

Detailed design work on a large university hall of residence as well as scheme designs for tenement conversions and individual houses. Also responsible for the introduction and set up of office CAD system.

Period: 1988-1989 | (PSA) Property Services Agency, London, UK

Project: Multiple | Role: Assistant Architect

Responsibilities/Tasks:

Full conceptual design of County Court (Dartford) including responsibility for the feasibility report including initial costings. Detailed design work undertaken on a Safety Equipment Section for the R.A.F at RAF Northolt.

RECENT PROFESSIONAL TRAINING & ACCREDITATION

Accredited Expert Determiner – The Academy of Experts, 2026

Successfully completed The Academy of Experts' Expert Determination assessment and admitted to the Register of Qualified Dispute Resolvers as an Expert Determiner (QDR).

Expert Determination Training – The Academy of Experts, 9–10 December 2025

Completed specialist training in Expert Determination covering appointment, procedure, jurisdiction, evidence, natural justice, decision-making and preparation of the Determination.

RECENT PUBLICATIONS & RESEARCH

Carmichael, S. (2026), "AI and the Delay Expert: Turning Professional Guidance into Defensible Practice."

Independent research paper developing professional AI guidance into practical, construction-specific protocols for forensic delay analysis and expert-witness work.

<https://www.stuartcarmichael.com/papers/ai-and-the-delay-expert>

AI-Assisted Expert-Witness Research (2026–ongoing)

Collaborative research with an AI technology specialist into secure, human-supervised AI systems designed to improve the efficiency of document review, claims analysis, forensic investigation and expert reporting.