

Eur Ing JAMES SNEDDON DOW
INTERNATIONAL ENGINEERING & MANAGEMENT CONSULTANT
APPROVED FIDIC DISPUTE ADJUDICATOR

CURRICULUM VITAE

1. **Family Name** Dow
2. **First Names:** James Sneddon
3. **Birth:** Blantyre, Scotland 19 November 1946
4. **Nationality:** British
5. **Civil Status:** Married
6. **Contact Details**
Address: 06 Chantinghall Road, Hamilton Lanarkshire ML3 8PN, United Kingdom
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7. Education:

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Strathclyde University September 1964 to July 1968	BSc (Honours) Degree in Civil Engineering
Glasgow University September 1975 to July 1978	MEng Degree in Soils and Structures
Robert Gordon University September 2008 to May 2011	LLM Degree in Construction Law and Arbitration

8. Language skills : Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Romanian	4	5	4

9. Membership of professional bodies:

Chartered Engineer
Chartered Water and Environmental Manager
Fellow, Institution of Civil Engineers.
Fellow, Chartered Institute of Arbitrators
Fellow, Institution of Engineers & Shipbuilders in Scotland
Member, Chartered Institution of Water and Environmental Managers.
European Engineer (FEANI)
Member Society of Construction Law

Member Adjudication Society
Approved FIDIC Dispute Adjudicator – President’s List
Panel Member UK Adjudicators
Expert on DRF Key Panel

10. **Other skills (e.g. computer literacy, etc.):** Word processing, spreadsheet packages, highway and structural design, MS Project
11. **Present position:** International Engineering & Management Consultant, Adjudicator and Arbitrator
12. **Key qualifications**
 - Over fifty years specialised experience in major infrastructure projects, including detailed bridge and highway design and construction supervision comprising 12 years experience on, major bridge and highway projects in the United Kingdom, and thirty seven years residential international experience on major projects in Romania, Turkey, Africa, India, Pakistan, Middle East and Far East. Extensive experience of management, design and execution of water and waste-water projects within the Middle East.
 - Over thirty years specialised experience in the administration of FIDIC Contracts.
 - Fellow of the Institution of Civil Engineers.
 - Member of the Chartered Institution of Water and Environmental Management
 - Fellow of the Institution of Engineers and Shipbuilders in Scotland.
 - Member of FEANI (European Federation of National Engineering Associations)
 - Fellow of the Chartered Institute of Arbitrators specialising in FIDIC Contracts.
 - Member of the Society for Construction Law and Adjudication Society
 - Passed the written examinations for appointment to President of FIDIC panel of Adjudicators -2003
 - Approved FIDIC Dispute Adjudicator
 - Expert on FIDIC Contracts and highly experienced in contract claim preparation and assessment under FIDIC forms of contract, contract law, claims, adjudication and arbitration procedures.
 - Direct experience of adjudication and arbitration of contract disputes in Europe and Far East.
 - Direct experience of mediation of contract disputes in Middle East.
 - Translations of the FIDIC Forms of Contract into Romanian under the authority of FIDIC.
 - Listed Reviewer for ICE Journals on Civil Engineering; Bridge Engineering; Forensic Engineering; Management, Procurement and Law; Engineering History and Heritage; Buildings and Structures
 - Lectures and training on the use of the FIDIC form of contract to Employers, Contractors and Consultants.
 - Highly experienced as a Resident Project Manager/Senior Resident Engineer for contracts under the FIDIC form of contract for construction of major bridge, motorways and major highway projects including significant structural works in both steel and concrete.
 - Highly experienced in writing and production of highway Specification; BoQ, Tender and Contract Documents under the FIDIC and ICE forms of contract in the UK, Continental Europe, Middle East and Far East.
 - Extensive experience in construction contract management including preparation and assessment of project planning scheduling and Time Impact Analysis.
 - Total Works contract values undertaken in excess of 2Billion Euro.
 - 17 years direct experience of working on EU funded, FIDIC based highway projects for the Romanian National Company of Motorways and National Roads (RNCMNR).
 - Highly experienced as Team Leader and FIDIC Expert.
 - Completed entrance training for Commercial Attorney, Scotland.

13. **Key Experience in Arbitration, Adjudication and Dispute Resolution Expertise**

In general, all of the services provided for the contracts indicated below, with the exception of the DRE work, include:

- Appointment as co-arbitrator for FIDIC based contract;
- Appointment as FIDIC Dispute Adjudicator, sole member and board member;
- Appointment as counsel in Adjudication and ICC Arbitration
- Review and analysis of all documents relevant to the referral;
- Review and investigation of delay claims and the associated time impact analysis, including any alleged acceleration measures, delayed access to site;
- Investigation of delays and justification for valid entitlement to additional time/payment;
- Evaluation of permanent works executed; Variation Orders and Addenda to the contract;
- Evaluation of justifiable additional time and/or payment including confirmation of contractual instructions issued by the Engineer, and analysis of any alleged instructions;
- Review of Engineer's Determinations;
- Review of resource and indirect costs including analysis of site diaries;
- Investigation of proof of delay v speculated delay and costs by claim mechanisms;
- Demonstrate where contractor's adopted procedure for time and cost analysis fails to complement the actual situation on the contract.
- Investigation of involvement, effect validity of subcontractor claims;
- Review of concurrent delay generated by contractor/subcontractor
- Review of allocation of percentages for Overheads and Profit;
- Review of contract payment schedules;
- Analysis of claimed additional time and payment based on timeline analysis, As-Planned v As-Built, Measured Mile Concept etc.

Key Experience in Arbitration (ICC Rules)

Currently, Arbitrator on three member Tribunal for Contract under the FIDIC Pink Book 2006.

1. Roads Contract in Moldova – ICC Rules

Provision of professional services to the Employer/Respondent: Romanian National Company of Motorways and National Roads [RNCMNR]

Services ranging from counsel for Party to provision of expertise on quantum and project scheduling

Contracts executed under the FIDIC Red Book

2. Contract 4R11, National Road DN6, Craiova to Dobreta,
3. Contract 4R12, National Road DN6, Craiova to Dobreta,
4. Contract BP02, Sibiu Bypass Motorway (Dispute with Consultant
5. Contract 5R8 and 5R9, National Road DN1, Brasov to Sibiu,
6. Contract 4R15, Rehabilitation of National Road DN6, Drobeta Turnu Severin – Bahna

Contracts executed under the FIDIC Yellow Book

7. Contract Motorway A2, Cernavoda to Medgidia,
8. Contract Motorway A2, Medgidia – Constanta
9. Contract 6R1, National Road DN79, Arad to Oradea
10. Contract Constanta Bypass
11. Contract Motorway A1, Lugoj – Deva 1

Contracts executed under the FIDIC 1989, Revised 1992 Edition

12. Contract 4R2, National Road DN66, Petrosan to Sebes
13. Contract 4R5, National Road DN1C, Cluj to Dej

Contracts executed under the FIDIC 1999, Yellow Book

14. Contract Constanta Bypass
15. Contract Cernavoda-Constanta Motorway, Medgidia-Constanta Motorway

Provision of professional services to the Employer/Respondent: Romanian National Railway Company.

Contracts executed under the FIDIC 1999, Red Book

16. Campina-Predeal Rehabilitation Contract

Key Experience in Adjudication

Appointed as FIDIC Dispute Sole Adjudicator for the following Yellow Book contracts (ongoing):

1. Design and Build Motorway A3 București – Brașov, Secțiunea București – Ploiești, Sector 1
2. Design and Build Motorway A3 Sebes – Turda Lot 2
3. Water Supply & Environmental Protection of Lake Shkodra. Albania

Appointed as member of three member Dispute Board

4. Water Contracts in Mesta and Anaklia in Georgia

Provision of professional services to the Employer/Respondent: Romanian National Company of Motorways and National Roads [RNCMNR] including preparation of Party's submissions, presentation at hearings and acting as counsel for Party.

Contracts executed under the FIDIC Red Book

5. Contract 4R11, National Road DN6, Craiova to Dobreta, Lot 1,
6. Contract 4R12, National Road DN6, Craiova to Dobreta, Lot 2
7. Contract 4R13, National Road DN6, Craiova to Dobreta, Lot 3
8. Contract 4R14, National Road DN5, Bucharest to Giurgiu,
9. Contract 4R15, National Road DN6, Dobreta to Lugoj, Lot 1,
10. Contract 4R16, National Road DN6, Dobreta to Lugoj, Lot 2
11. Contract 4R17, National Road DN6, Dobreta to Lugoj, Lot 3
12. Contract 4R18, National Road DN6, Dobreta to Lugoj Lot 4,
13. Contract 4R19, National Road DN6, Dobreta to Lugoj Lot 5,
14. Contract Lugoj Bypass

Contracts executed under the FIDIC Yellow Book

15. Bucharest – Ploiesti Motorway – Section 1
16. Sebes - Turda Motorway – Lot 2
17. Contract 6R1, National Road DN79, Arad to Oradea
18. Contract 6R13, National Road DN18, Baia Mare – Iacobeni
19. Contract Constanta Bypass
20. Contract Motorway, Lugoj - Deva Lot 3
21. Contract Motorway Nadlac Arad Lot 1
22. Contract Motorway Sibiu – Orastie Lot 1, km0+000 to km24+110
23. Contract Motorway A2, Medgidia to Constanta

Provision of professional services to the Employer/Respondent: Romanian National Railway Company [CFR]

Contracts executed under the FIDIC Red Book

24. Rehabilitation of Railway Bucharest – Constanta, Section 1 Bucharest-Baneasa – Fundulea.

Adjudication under Malaysian Contract Conditions

25. Appointed Adjudicator for 17 No disputes between contracting parties on major highway construction projects in Malaysia.

Dispute Adjudication Board Appointment

26. Appointed as Sole DAB Member for Sebes Turda Motorway, Lot 2
 27. Appointed as Sole DAB Member for Bucharest-Ploiest Motorway, Lot 3
 28. Appointed as member of three member Dispute Board for Water Contracts in Georgia
 29. Appointed as Sole DAB Member for Water Supply & Environmental Protection of Lake Shkodra in Albania

Key Experience in Dispute Resolution Expertise (DRE)

Provision of professional services to the Employer: Romanian National Company of Motorways and National Roads [RNCMNR]

Contracts executed under the FIDIC Red Book

1. Contracts 5R1, 5R2, 5R3, National Road DN66

Contracts executed under the FIDIC 1989, Revised 1992 Edition

2. Contract 4R6A, National Road DN17
 3. Contract 4R10

14. Professional Experience:

Date from -to	Location	Company	Position	Description
2015 to 2019	Romania Moldova Georgia Albania	Ascot Engineering Services Hamlyn Consultanta Aerlift Ltd	Internation'l Engineering Management Consultant, Adjudicator, Arbitrator	See detailed experience in adjudication, arbitration and DRE itemised on previous pages. Acting as counsel in various Arbitration and Adjudication Hearings. Approved FIDIC dispute adjudicator involved in a number of infrastructure contracts Independent Expert for major building contract in Bucharest, Romania. Independent Expert for Arbitration on International Railway Contract, Romania. Provision of consultancy services to Romanian National Company of Motorways and National Road; the Romanian Railway Company, OMV Petrom and a number of infrastructure contractors. Services included:
2007 to 2015	Romania Ukraine	Ascot Albany Hamlyn Aerlift Ltd	Internation'l Engineering Management Consultant	Technical Assistance for: Romanian National Company for Motorways and National Roads (Client) for Road Rehabilitation Expert Witness in Arbitration. Claims Manager and Engineer for: OMV-Petrom 5No Tank Farm projects; 2No Bio-Remediation/Landfill projects. Claims Consultant for Contractors in Ukraine. Contracts Advisor for DB Int'l.
2000 to 2007	Romania	Hyder Consulting Ltd	Country Manager/ Contract Advisor	Romania Translation of FIDIC Forms of Contract. Romania and Eastern Europe Lectures on use of FIDIC Form Romania DN6 Craiova to Drobeta Turnu Severin Romania DN5 Bucharest to Giurgiu Expressway R1 Expressway Rudno & Hronom to Zarnovica Slovakia. Filiaisi to Petrosani DN66 Romania Romania Pan-European Corridors IV and IX:- Supervision of Rehabilitation Works for Roads DN1, DN2, including Contracts C402A, C402B, C403 and C403A. Slovakia Romania Pre-Investment Study and Design of Road DN55, Romania Adunatii Copaceni By-Pass for Road DN5.

1985 2007	Slovakia Malaysia Qatar Kuwait United Arab Emirates India Pakistan Turkey UK	Hyder Consulting Ltd	Senior/Chief Resident Engineer Country Manager.	Malaysia-Singapore Second Crossing at Johor Bahru. Chief Resident Engineer. Qatar Resident Manager, Kuwait Resident Manager. UAE Investigation and study of 52 bridges. UAE Deputy Resident Manager and Projects Manager. Pakistan Third Highway Project, Lahore Chief Resident Engineer. Turkey Izmir - Urla - Cesme Motorway - Phase 1. Kuwait Jahra Motorway Contract 3. Kuwait Fahaheel Expressway. Kuwait Mirghab Motorway, Surra Link Bridge. Assafar Motorway, Ahmadi and Kuwait Bayan Palace Interchanges. Kuwait Third Urban Motorway Project. Kuwait Damage Assessment of GETCO Paint Factory. UK Royal Navy Armaments Depot, Coulport, Scotland.
1984	Malawi	Cowie Consult	Res. Eng	Lirangwe - Mwanza Highway,
1980 1983	Iraq	SORB	Res. Eng	State Expressway No. 1 - Section 9.
1979 1980	Saudia A	DarAlHandasa	Team Leader	Sharafiah Viaduct. New Jeddah International Airport Interchange
1972 1979	UK	Strathclyde RC	Resident Engineer	East Kilbride Expressway, Phases 2,3,4; Clydeford Bridge; Carmyle Avenue. New Bothwell Brdge; S Calder Brdg
1969 1972	UK	Crouch & Hogg	Assistant Engineer	Kessock Bridge; Beaully Bridge; Cromarty Crossing; Caledonian Canal Bridge Investigation; Bonar Bridge; Custom House Quay; Merrison - White Cart Viaduct; River Leven Barrage.
1967 1969	UK	Sir William Arrol & Co	Assistant Engineer	M74 - 4 Composite Bridges, Liverpool Docks, Swing Bridge, Lock Gates and Caissons; Penstock Gates - Rosyth Naval Dockyard; Turbo-block for Dounreay Prototype Fast Reactor Dry-dock gate for Harland and Wolf, Belfast

15. Publications and lectures.

- ❖ “The East Kilbride Expressway”, The Institution of Municipal Engineers. 1978. Joint paper presented in conjunction with A Elder and A MacArthur.
- ❖ “Fusion Bonded Epoxy Coated Reinforcement”. In-house monograph prepared in conjunction with G Wright. 1992.
- ❖ “Reinforced Earth Retaining Walls”. In-house monograph prepared in conjunction with D Munro 1992.
- ❖ “Particularities of Reinforced Concrete in the Middle East”. Presented at Qatar University. 1993.
- ❖ “Civil Engineering in Public Works”. Presented at Qatar University. 1994.
- ❖ Examples of Multiple Uses of Geotextiles in Construction, Geosint 2002, Romanian Association of Geosynthetics, Bucharest University of Technology & Construction, 2002
- ❖ ICE and FIDIC Forms of Contract and Workshops – IESIS January 2014
- ❖ History of Wind Loading and Design Standards (In preparation)
- ❖ “How Stands the Engineer in Europe?” presented to the XXVIII Annual Conference of AICPS in Cluj Romania, May 2018
- ❖ “Best Practice for Engineering Contract Documents”, IESIS Journal 2018.

Reviewer for ICE Journals: Civil Engineering; Bridge Engineering; Forensic Engineering; Management , Procurement and Law; Engineering History and Heritage; Buildings and Structures

Speaker at seminars and conferences on various topics concerned with Engineering, FIDIC form of contract, construction law and dispute resolution.