

NAME: Brian Leslie FAULKNER
YEAR OF BIRTH: 1958
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PROFESSION: Consultant Engineering Hydrologist
POSITION: Independent Consultant
SPECIALISATION: Application of Hydraulic, Hydrological and Economic Techniques for Water Resources Management, River Engineering, Flood Defence and Catchment Planning Purposes

EDUCATIONAL AND PROFESSIONAL STATUS

BA (Hons. 2:1) Physical Geography and Economics, University of London
MSc Agricultural Engineering, Silsoe College, Cranfield Institute of Technology
FCIWEM Fellow of the Chartered Institution of Water and Environmental Management
FConsE Fellow of the Association of Consulting Engineers
DipEM Diploma in Engineering Management, Joint Board for Engineering Management
MIMgt Member of the Chartered Institute of Management

PRINCIPAL AREAS OF TECHNICAL EXPERTISE

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| Water Resources Engineering | Rainfall-Runoff Modelling, Reservoir Planning and Yield Analysis, Crop Water Use and Irrigation Supply, Catchment Water Planning, Geo. Information Systems |
| River and Floodplain Management | River Hydraulic Analysis, Bridge and Culvert Hydraulic Design, Urban-Rural Drainage Interactions, Catchment Hydrological Modelling, Flood Risk Assessments, Environmental Appraisal |
| Urban Drainage Systems | Sewer and Culvert Design, Balancing Pond Design, Flow Survey Planning and Supervision, Sewerage Modelling, Water Pollution Control |
| Economic Evaluation of Projects | Project Planning and Management, Multivariate Statistical Analysis, Linear Programming, Risk Assessment, Cost-Benefit and Investment Appraisal |

BRIAN LESLIE FAULKNER: EXPERIENCE AND EMPLOYMENT

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| <p>1996 - Present</p> | <p>INDEPENDENT CONSULTANT Brian Faulkner undertakes freelance consultancy and contract work both in the UK and overseas. Clients include Consulting Engineers, national regulatory authorities and international funding agencies.</p> <p>Short to medium term assignments are preferred. This is particularly useful to firms requiring technical expertise in water resources planning and river management studies, where projects are of limited duration or where the client requires specialist technical staff at short notice.</p> |
| <p>1994 - 1996</p> | <p>PARKMAN CONSULTING ENGINEERS Associate Director responsible for all aspects of the business of the water division at the Bristol office, including technical direction, financial management and appointment of staff. A key function was to maintain the profitability of the division and to identify new business opportunities.</p> |
| <p>1991 - 1994</p> | <p>PARKMAN CONSULTING ENGINEERS Principal Engineer, engaged on technical management of water engineering and catchment planning schemes for major private and public sector clients. Key tasks included team management of up to ten engineers/technicians with multi-professional backgrounds, engineering problem solving, project scheduling and job cost control.</p> |
| <p>1989 - 1991</p> | <p>NATIONAL RIVERS AUTHORITY, UK Senior Engineer in the Flood Defence function of the Wessex Region, working on Flood Risk Assessments, catchment planning studies and operational duties. Key tasks included river mathematical modelling, use of statistical techniques, practical problem solving and technical report writing.</p> |
| <p>1986 - 1989</p> | <p>WATER RESEARCH CENTRE (WRc), UK Engaged on commercial fee earning projects in the field of Drainage Area Planning for UK Water Authorities. Daily tasks included field investigations, engineering scheme appraisal and design, project cost control, client liaison and technical report writing.</p> |
| <p>1983 - 1986</p> | <p>DEPARTMENT OF WATER AFFAIRS, SOUTH AFRICA The department is the national body responsible for the planning and management of the country's water resources. Engaged on water resource planning studies, particularly with regard to reservoir supplies to irrigated areas. Daily tasks included field studies, river and catchment modelling, statistical analysis and technical report writing.</p> |

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