



(Photo: Warren while working with Governments of India & USA)

WARREN D. LADBROOK

Expert Engineer – Leader – Manager – Advisor

Warren has directed the planning, engineering, and construction of many large, complex international and inter-agency infrastructure projects, including large post-disaster recovery programs. He is astute in the diplomacy required in challenging situations and is skilled in the process of reconciling diverse requirements. Warren can effectively and respectfully conduct the orchestration of elegant solutions from apparent chaos. He is a visionary leader, well versed in the integration of multidiscipline expertise from a diverse or virtual workforce.

Warren is an **effective motivator and leader** who can create an exciting, vibrant, and continuous-improvement focused team of skilled professionals. Warren has concurrently led multiple operational business units and has proven experience in effective management of financial and staff resources. He is skilled in the development of business cases and capital program delivery, **with particular emphasis on recovery and resilience.**

Warren is highly motivated to deliver outcomes, and proactively **identifies and meets required objectives while building collaborative relationships** between key leaders. He exudes confidence and leadership built on proven success and a steadfast commitment to continuous improvement.

Warren has **proven credibility in directing the implementation of large-scale programs**, especially in regard to time-critical, inter-agency and evolving requirements. He understands both the technical, governance and delivery aspects of complex programmes, and is able to effectively identify the critical path to success within context of the overall vision.

Central to his success is his **emphasis on staff, project team, and stakeholder relationships**, with proven intent to deliver quality outcomes in a timely and fiscally responsible manner. Warren has led many teams into many remote and challenging locations. He is accustomed to **providing calm leadership within dynamic and dangerous environments.** He has the ability to **bring diverse people together to solve complex problems.**

QUALIFICATIONS:

BSc Engineering (Magna cum laude)

PE (Professional Engineer; GA, CO, TX & MO)

CPEng (Civil, Water)

IntPE (USA & New Zealand)

LEED AP - Neighbourhood Design

PMP (Project Management Professional)

BBCP (Better Business Case Practitioner)

ILM (Investment Logic Mapping) Trained

MSP (Managing Successful Programs)

ICW (Institute of Collaborative Working) Trained

PhD – In Progress

NOTABLE MEMBERSHIPS:

Tau Beta Pi (Engineering Honour Society)

Engineering New Zealand

Institute of Directors

Project Management Institute

Institute of Public Works Engineering Australasia

American Society of Civil Engineers (New Zealand Group President)

CITIZENSHIP:

New Zealand; United States

CONTACT DETAILS:

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AREAS OF TECHNICAL EXPERTISE:

- **Advisory** (*Trusted provision of client requirements, in many disciplines*)
- **Airports** (*Airside pavements, facilities, and infrastructure*)
- **Campus and Resort Planning** (*Leadership in Energy and Environmental Design - LEED*)
- **Civil Engineering** (*Full spectrum of design, permitting and construction*)
- **Construction Management** (*Procurement through completion*)
- **Contracting** (*Various forms of contract in various countries, including NZ*)
- **Disaster Recovery** (*Post-disaster prioritisation, implementation, and justification*)
- **Environmental Engineering** (*Contaminated land and water*)
- **Forensic Investigations** (*What went wrong, and what lessons can be learned?*)
- **Housing and Hotels** (*Residential, commercial and resort developments*)
- **Hydropower/Irrigation Feasibility** (*Dam hydraulics, environmental and economics*)
- **Land Development and Planning** (*Residential, commercial and military*)
- **Marine Works** (*Land reclamation, harbours, ocean outfall, former AB seaman*)
- **Military Master Planning** (*Facilities and infrastructure, planning and design*)
- **Resilience Engineering** (*Withstanding or quickly recovering from an event*)
- **Senior / Peer Review** (*Independent, objective, and constructive*)
- **Structural Engineering** (*Concrete and steel structures for civil engineering projects*)
- **Transportation** (*Roadways, public transport, ports, airports, rail and cycle*)
- **Wastewater Engineering** (*Collection, treatment and disposal*)
- **Water Resources Engineering** (*Including river and flood modelling, conveyance*)
- **Water systems** (*Intake, Treatment, Storage and distribution*)

'STRATEGIC LEADER'

'ASTUTE DIPLOMAT'

AREAS OF BUSINESS EXPERTISE:

- Better Business Case Development and **Government Funding**
- Business Development and Winning Work
- Business Unit **Leadership and Motivation**
- Change Implementation and Transformation
- Creating and Leading Virtual and High-Performance Teams
- Effective **Project and Program Management**
- Efficient Project Delivery and Profit
- Optimisation and Prioritization of Limited Resources
- **Strategic Thinking** and Proven 'Starter'
- Thought Leadership
- Vision for the Future, foresee Unintended Consequences

'VISIONARY LEADER'

'TRUSTED ADVISOR'

OTHER SKILLS OF INTEREST:

- Client relationship expert (including public relations)
- Computer technologies (including programming and modelling)
- Economic optimisation, including client-side Value-For-Money
- Excellent persuasive writing skills (and compelling graphics)
- Extemporaneous speaker (can speak to anyone, on any topic, at any time)
- Extensive work with translators (+ a knack for languages and foreign airports)
- Photoshop for a digital graphics online shop (my wife's business)
- Solving technically complex (and undefined) problems

'THOUGHT LEADER'

'DELIVERS OUTCOMES'

NOTEABLE AWARDS:

- Outstanding Federal Planning Program (American Planning Association, 2011) for Site Capacity Surveys for nine Iraqi Air Bases.
- Received commendation from General Anwar, Commander of the Iraqi Air Force, 2011
- Outstanding Federal Planning Project (American Planning Association, 2008) for work on the International Zone Master Plan, Baghdad.
- Received recognition for contribution to USACE Water Sector Reconstruction in Iraq, 2007
- Recognised for contribution to USAID Tsunami Reconstruction Program in Sri Lanka, 2006

'CREATES RESULTS'

CAREER ROLES – SINCE 2000:

- 2020 – Present Technical Director (Auxilium Ltd)
- 2015 – 2020 Technical Director – Business Unit Leader (x3) (Harrison Grierson)
- 2014 – 2015 Manager of Engineering Program – Infrastructure (Canterbury Earthquake Recovery Authority - **CERA**)
- 2012 – 2014 Technical Director – Program Manager, Principal (CH2M Beca Ltd - Seconded to **CERA** full time – Tier 3 Manager)
- 2005 – 2012 Project Manager (CH2M HILL, now Jacobs) Included Iraq role as Senior Program Manager (and other US Federal Government work in the Middle East); and Sri Lanka role as Engineering & Construction Manager (USAID)
- 2002 – 2005 Senior Environmental Engineer, Associate (URS, now AECOM)
- 2000 – 2002 Project Manager (Kimley Horn & Associates)
- 1999 – 2000 Director of Engineering (Silverleaf Resorts – Tier 3 Manager)
- Details can be provided, on request, for career details prior to 1999

'PROBLEM SOLVER'

'CHANGE MAKER'

'CONTRIBUTOR'

INTERESTS OUTSIDE OF WORK:

- Family
- Movies
- Travel
- Music
- Sports
- Humanitarian Aid
- Reading
- Church