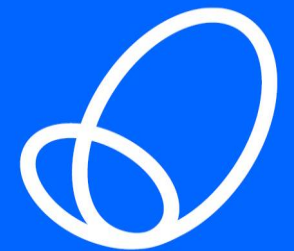


2019/20 BOARD ELECTIONS CANDIDATE PROFILES

Voting open 18 February – 15 March 2019



engineering
new zealand
Institute of Engineering Professionals

Voting is being managed by our independent election provider electionz.com.

On 18 February, financial members will receive an email from electionz.com with an invitation to vote. This email will come from the address iro@electionz.com. If the email is not received, please email hello@engineeringz.org and let us know.



Voting is now open for the Engineering New Zealand Board elections. This is your chance to have your say on how your professional body will be run.

ELECTED UNOPPOSED

PRESIDENT



Ben Holland
FEngNZ

I'm an experienced Civil Engineer who is proud of the difference our profession makes to the everyday life of New Zealanders. For the past 21 years I've worked for WSP Opus (formerly Opus), mainly in New Zealand, and my current role is Head of Commercial and Major Projects. Prior to that I worked with Mott MacDonald for five years in the United Kingdom.

I'm a Fellow of Engineering New Zealand and joined the Board in 2012, where I am currently Deputy President. I have served on various committees including Audit Risk and Finance, Performance and Remuneration, Competence Assessment, Engineering Heritage and various project steering committees. I became a practice area assessor in 2015, and I'm on the Open Polytechnic Engineering and Built Environment Advisory committees and on an industry award committee.

My focus on the Board has been on driving a more inclusive organisation by appealing to a wider and more diverse group of engineering professionals and disciplines. This allows Engineering New Zealand to represent a broader slice of the profession and hence bring a louder and more forceful voice. I enjoy representing Engineering New Zealand and all it means to be an engineer in the 21st century.

DEPUTY PRESIDENT



Colin Crampton
FEngNZ

Greetings, my name is Colin Crampton. I am currently the Chief Executive of Wellington Water. Prior to my current role, I led a team who operated and managed the New Zealand State Highway Network.

I am a big supporter of the new direction of Engineering New Zealand. I think the engineering profession does some amazing things; things which are essential for the ongoing prosperity of Kiwis and the communities we live in. I like the way Engineering New Zealand is promoting the outcomes we collectively deliver as a sector. By making it clear what our customers receive from our toils, we will be appreciated more, as will the interesting challenges we deal with every day.

I bring energy and a "results focus" to the Board of Engineering New Zealand. As a Chief Executive I can provide the thought leadership the sector needs, and provide the right governance support to achieve an efficiently run organisation.

VICE PRESIDENT



Rosalind Archer
FEngNZ

I'm a Professor at the University of Auckland, and have been Head of the Department of Engineering Science for the past six years. I hold a BE in Engineering Science from the University of Auckland. My MS and PhD degrees are in Petroleum Engineering from Stanford University. My work involves frequent engagement with industry (locally and internationally), and with government (for example, leading multiple New Zealand Aid programme projects in New Zealand, Asia and Africa).

I've served as a non-executive director of NZ Oil & Gas since 2014 (with 2013 as a consultant to the board). I chair the board's Nomination and Remuneration Committee. I enjoy the challenges of governance and undertake professional development as a director through the Institute of Directors. I will soon complete the Institute's Chartered Member process.

My service to Engineering New Zealand includes being on the membership pathway working group, and being on local and national award committees. I was happy to champion the University of Auckland becoming a founding partner of the Diversity Agenda.

As a member of the Board, my aim will be to support Engineering New Zealand's work to provide thought leadership that is broadly accessible, and to engage with and support a broad range of engineers.

WHO CAN YOU VOTE FOR?

CANDIDATES FOR BOARD MEMBER

25 members have been nominated to fill the 2 vacant Board member roles on the Engineering New Zealand Board. You can cast a maximum of two votes. The two highest polling candidates will be elected for three-year terms.



[Aaron Isaacs](#)



[Carron Blom](#)



[Jan Evans-Freeman](#)



[Mahabub Chowdhury](#)



[Robert Potter](#)



[Aidan Cooper](#)



[Colin Wyatt](#)



[John Burden](#)



[Manjit Devgun](#)



[Roelof de Haan](#)



[Brandon Ducharme](#)



[David Langford](#)



[Kevin Brown](#)



[Michael Kerr](#)



[Sisira Jayanatha](#)



[Brian Anderson](#)



[Evan Giles](#)



[Liam Coleman](#)



[Murray Robertson](#)



[Steve Raynor](#)



[Bryan Leyland](#)



[Geof Stewart](#)



[Luke Reeves](#)



[Peter Spies](#)



[Tony Fairclough](#)

BOARD MEMBER



Aaron Isaacs
CMEngNZ

I am a Chartered Professional Engineer and Chartered Member of Engineering New Zealand with over 18 years' civil engineering experience working for many different clients across the Asia Pacific region. I am currently the Lead Transportation Designer and a Senior Transportation Engineer based in Stantec's Dunedin office. I have specialised in transportation engineering and transportation design for the last 13 years.

I would bring small office/big company experience and insights, together with a perspective from mainland New Zealand to the board table.



Aidan Cooper
CMEngNZ

I am a Chartered Professional Engineer, environmental, and have served Engineering New Zealand since returning to New Zealand in 2010. From 2010 to 2016 I was heavily involved with the Auckland Branch as a committee member, where I focussed on celebrating engineering success in the region through all stages of an engineer's career. Recognising the importance of student membership in the region, I established various social and networking events and re-established the GT Murray student awards. I helped celebrate the stages of the region's professional membership by working with the Branch committee to develop the Auckland Branch awards evening and establish the Luminary Award. I served as an Engineering New Zealand Board member from 2016 to 2017 through the transition phase of rebranding and adjusting our membership structure and Code of Ethical Conduct. Since then I've continued to contribute to the Engineering Practise Advisory Committee (EPAC), where I have been working with Water New Zealand and the New Zealand Insurance Council to strengthen our organisation's connections to work together to achieve mutual goals of risk management, sustainability and safety.

While on the Board I would aim to strengthen our connection with professional groups outside of Engineering New Zealand and increase our positive standing and exposure to the New Zealand public.



Brandon Ducharme
CMEngNZ

I am honoured to be nominated and excited to represent the engineering community as a member of the Board. The pillars upon which I aspire to drive change in Engineering New Zealand as an energetic and motivated leader are focused around how we as an association can strengthen the profession and continue to protect the public in our professional practice.

I am an experienced infrastructure engineering project manager, based in Queenstown and working with WSP Opus, serving the Central Otago and Southern regions with a vision to build New Zealand's infrastructure and engineering association toward a sustainable future.

I have a special interest in the Kea, and currently assist as a volunteer project manager with the Kea Conservation Trust. I previously volunteered as President of the Waterstone Pier Strata (BCS 1965) Council in Vancouver Canada.

As an experienced and strategic leader and seasoned engineering professional, I care to see Engineering New Zealand grow by the work of my hands to its full potential and to best represent our members in the public, empowering and fostering a world-class engineering licensure and professional body.

I welcome and encourage you to browse my [LinkedIn](#) for further details on my professional background.



Brian Anderson
CMEngNZ

I have been a committed member of Engineering New Zealand from the early 1980s, since graduating from Canterbury. Five years ago I started the mechanical and electrical engineering consultancy, Bryn Martin Ltd. I have spent much of my working life overseas, returning to New Zealand in 2006. Throughout the 1990s I was a member of IPENZ UK, towards the end responsible for professional interviews.

The foundation and core of my life has been engineering, but the engineer's skill and mind sets equipped me to follow the "less trodden path", whenever the interest and opportunity arose, in technical operations, facilities, and business management – even for a time into local politics and performing arts management!

It is with this background that I am standing for the Board of Engineering New Zealand. Large corporate and institutional organisations are well represented, but not the individuals, those engineers running their own businesses, the lone engineer in an organisation, those overseas, or whose careers have taken them away from "core" engineering. We are still engineers, but have needs, concerns, priorities, and issues that are different, evidenced by the large numbers who choose not to be a part of Engineering New Zealand. We must become more inclusive if Engineering New Zealand is to be properly representative of the entire New Zealand engineering profession.



Bryan Leyland
DistFEngNZ

I have over 60 years' experience in the power engineering industry in New Zealand and in more than 30 countries overseas. I now work part time in New Zealand and overseas.

I am concerned about the direction and philosophies of Engineering New Zealand. It no longer provides a forum for engineers to exchange information on their successes and failures and discuss and debate important issues. It seems to be more interested in public relations than in supporting engineering and technology and sharing technical information.

I believe that Engineering New Zealand should stop taking a firm position on engineering-related matters. Open debate is urgently needed on power supply, renewable energy, earthquakes, sea level rise, man-made made global warming and many other subjects. Science is never settled.

Instead of recommending specific policies it should aim to provide accurate, unbiased technical information to the government on the implications of a range of policies.

Engineering New Zealand does not invite engineers to write articles for EG, publish letters to the editor or share their views. Although "Engineering a Better New Zealand" was written largely by in-house journalists and is riddled with errors, Engineering New Zealand is not willing to publish a critique.

My objective is to change this.



Carron Blom
FEngNZ

Engineering remains ever-relevant to how we respond to our societal challenges and opportunities. This has been a significant factor for my involvement in the Institution over the years, so I am keen to add my skills to that of the existing board.

I am the Director/owner of Anguillid Consulting, recently served a term as Deputy Commissioner of the Environment Court of New Zealand, and concurrently completed a PhD (on strategic intent and the management of infrastructure systems) to investigate issues with – and the means of improving – infrastructure outcomes. Previously I was a Technical Director of a large engineering consultancy.

My involvement in Engineering New Zealand spans many years: I have been involved in awards judging since 2001 (Environmental, NZEE Practice/Individual, Arthur Mead, Turner awards) including as convenor; I have been a member of the Standing Committee on Sustainability/New Zealand Society for Sustainability in Engineering and Science; I am a member of the University Accreditation Panel; I have also sat on several investigating/disciplinary matters for the Institution since 2012. In 2005, I was awarded the title Young Engineer of the Year. I am an active industry mentor, and have previously served on the board of Water New Zealand.



Colin Wyatt
MEngNZ

I am a mechanical engineering director who has been working for over 25 years in the fields of engineering consultancy, commercial property development and corporate real estate, in various countries around the world and in New Zealand since 2015.

I feel I have a very broad view of our profession and the various levels of technical and professional competence around the world and am keen to apply this knowledge to help with the governance of Engineering New Zealand.

In my current role with global consultancy firm AECOM, I am responsible for the development of key client relationships for our Building Engineering practice in New Zealand; and I am Market Sector Leader for our Mission Critical practice in Australia and New Zealand. These dual roles allow me to see the delivery of professional engineering services from the joint perspective of our clients and our technical delivery teams.

I think I would bring this global/local experience and client/industry view to a role on the board of Engineering New Zealand and hope to be given the opportunity to help shape the future direction of our Institute for the years to come.



David Langford
CMEngNZ (Engineering Technologist)

I am a civil engineer with 15 years' experience working for contractors and client organisations. My current role is the Infrastructure Manager for New Plymouth District Council (NPDC), leading the teams for three waters, transportation, solid waste, parks, major projects and asset management.

With my current role within the local government, I advocate for strong client leadership in the engineering sector. I am leading a step change in how NPDC procures engineering services, with a strategic focus on ethical and sustainable contracting, sector workforce capability development, and health and safety.

I'm currently working as part of the Roding Efficiency Group (REG), a cross-sector collaboration with the aims of promoting sector excellence across the areas of asset management, procurement and sector capability.

Previously I have been a board member of the Taranaki Rural Fire Authority and sat on their remuneration sub-committee. Currently I am a trustee of Besafe Taranaki, an organisation that aims to drive health and safety improvement in the Taranaki regional engineering sector.

As a board member of Engineering New Zealand, I will have a focus on the engineering sector's long-term capability and capacity, ensuring we have a robust talent pipeline developing the next generation of engineering professionals.



Evan Giles
CMEngNZ

My current role with WSP-Opus is Work Group Manager, Geotechnics and Tunnelling (Auckland), as well as Technical Executive. I have a passion for geotechnics and the underground, enjoying dissecting what nature presents, understanding processes and interactions and developing sound, possibly novel, solutions to meet requirements. This fascination with what lies below the surface led me to pioneer a New Zealand chapter of the Australasian Tunnelling Society in 2005, growing the embryonic interest group to a position where the first international tunnelling conference in New Zealand was held (the 14th Triennial ATS conference) in Auckland in 2011. Under the current chairmanship of Bill Newns, our technical group has developed into a full country membership of the ITA, operating as the NZ Tunnelling Society.

If my candidacy is successful, some of the interest areas I would enjoy devoting energy to are promoting engineering as a career amongst the youth, contributing to the enhancement of Engineering New Zealand and the full realisation of its vision and participation in refining the goals behind competency assessment and life-long continuing professional development.



Geof Stewart
CMEngNZ

I am a Chartered Professional Engineer with 30 years' experience within the power and water industries, specialising in strategic planning, asset management and resilience planning. I have held senior leadership positions within Watercare, where I was influential in its water and wastewater strategic initiatives, including its commitment to UN's Sustainable Development Goals, resource recovery and energy neutrality targets and the development of its climate change mitigation and adaptation strategies.

I have been an Auckland Branch Committee member from 2015 to 2018 and last year was the Chair of the Auckland Branch for its Centennial year. I am a strong advocate for the profession and through the Auckland Branch have reintroduced the mentoring programme, supported the introduction of the Diversity Agenda and the Wonder Project, to encourage school age students to look at engineering as a career choice, and provided leadership within the Auckland region with a record number of high-profile events organised as the Branch Chair.

My proven industry leadership and commitment to the Auckland Branch will be beneficial to the Board of Engineering New Zealand, where I will continue to be a strong advocate for the engineering profession and all of its members.



Jan Evans-Freeman
FEngNZ

I am a current Board member of Engineering New Zealand who is seeking re-election. I am also a member of the Performance and Remuneration Committee, and was previously a member of the Audit, Risk and Finance Committee of Engineering New Zealand.

I am the Pro-Vice-Chancellor of Engineering at the University of Canterbury, one of the two largest engineering colleges in New Zealand. As such, I bring a direct connection between future engineers who are currently studying and the professional engineering body, and I bring awareness of the professional relevance of Engineering New Zealand to students and academics.

I keep my academic colleagues informed of Engineering New Zealand developments, such as the Diversity Agenda of which the University of Canterbury is a Founding Partner. I am also a key governance connection between the Washington Accord degree accreditation processes, which Engineering New Zealand implements, and university partners.

I am a Director of Transpower and serve on the governing boards of several national government-funded research projects. I am a Chartered member of the Institute of Directors, and have held several other governance roles over the past few years. I have worked in universities for 30 years, 20 of them in electronic engineering departments. I was made a Fellow of Engineering New in 2010.



John Burden
FEngNZ

I have valued serving on the Engineering New Zealand's Board over the past two years, including on the Competence Assessment Board. I'm driven to influence the positive contribution that we, as engineers, make to New Zealand's development and prosperity.

As Executive GM of Downer's Infrastructure Projects business, I provide governance on project boards including CRL1, CRL2, Wynyard Edge Alliance (America's Cup Infrastructure), North Canterbury Transport Infrastructure Recovery (NCTIR) and Auckland's Downtown Infrastructure Rebuild Programme. These roles draw on the skills and experience I have gained in leading large complex projects such as the Waterview Connection and Victoria Park Tunnel.

I have a particular interest in increasing public confidence and recognition of the expertise of engineers involved in critical life safety engineering activities. The proposed licensing model will assist with this.

I am also acutely aware of the challenges we face to meet the capacity and capability demands of planned infrastructure development. Achieving greater diversity and inclusivity will help to achieve this: in my experience, a diverse team is a strong team.

I'm keen to continue to influence and progress opportunities in these areas to fully realise the benefits of a highly skilled, diverse profession, to keep our nation's growth on track.



Kevin Brown
CMEngNZ

I am currently a Director of Lautrec Technology Group, civil, structural, facade and environmental engineers. Outside engineering I have been on the committee of “Water for Survival”, an initiative of New Zealand engineers (now part of Oxfam) that our business is still involved in. I have been active in the wider community, including sports clubs and organisations: formally President of NZIODA (sailing), Commodore of Murrays Bay Sailing, and am currently Chair of a successful sailing trust providing funding for the development of young sailors.

Professionally I have been in many project director roles on complex projects in the health, education and transport sectors and was a project manager, then CEO, for the inaugural transport organisation ARTNL. I am still involved in project feasibility, procurement and delivery at a governance level and am very comfortable in a board environment.

I have a passion for the engineering profession, particularly in the aspects of management and governance, and the wider development and mentoring of young engineers and designers. I encourage the training and mentoring of engineers to enhance not only the technical aspects of their profession, but to include people, management and commercial awareness and skills that are essential and valuable for our profession within and beyond our industry. I would offer a composed, broad-minded contribution to the future of Engineering New Zealand.



Liam Coleman
CMEngNZ

I am a Chartered structural engineer with a passion for solving structural and asset management problems. I have over 16 years’ experience working in Ireland, the United Kingdom and New Zealand on the client, consultant and contracting sides of the railway and highway industries. From the onset of my engineering career I was empowered and given the freedom of my peers to push the boundaries, through innovative solutions, using advanced analysis techniques and working with tertiary and research bodies to test and better understand the behaviour of structures. Examples ranged from strengthening 180 year old aging railway viaducts using first of their kind solutions to designing modern motorway bridges.

As a board member I would like to influence this free thinking and encourage the next generation of engineers to think outside the square, though embracing new technology and advanced analysis all founded on the fundamentals of engineering principals, while maintaining our professional standards. I currently work for the New Zealand Transport Agency national team as a Principal Structures Engineer, responsible for the development and application of operational policy and technical standards of highway bridges. Though this work I directly influence the bridge and structural discipline, by becoming a board member it will give me the opportunity to interact and hopefully influence the wider engineering discipline in New Zealand.



Luke Reeves
MEngNZ

I want to support, recognise and represent you on the Engineering New Zealand Board in 2019-20.

Since graduating from Canterbury University as a civil engineer, I have had the opportunity to gain a vast range of experiences, working in both the public and private sectors as a Project Manager for the Transport Agency and Jacobs. Having now moved to the West Coast, and created a Project Management Office for Westland Milk Products, I am continuing my professional development in a now stainless world as Senior Project Manager. Leading projects and teams has made me a well-rounded, collaborative engineer. This diversity and being a part of the Transportation group and the West Coast branch shows that I am no stranger to learning unknown and challenging environments. Check out my [LinkedIn](#) page.

Like Board members before me, I will continue to bring passion and knowledge, with the addition of my youthfulness in bringing the Engineering New Zealand strategy to life, albeit from the wild West Coast. I want to ensure that we creating a resilient future for today and generations to come.

Let me be the best to help you be the best engineer you can at every career stage!



Mahabub Chowdhury
CMEngNZ

I have been working as a Principal Engineer with Thomas Consultants, based in Auckland, and currently seconded to Auckland Council's Development Engineering Team. I am a civil engineer with over 40 years' experience providing leadership, management and technical guidance in various fields in the water industry in New Zealand, Australia and Asia Pacific region. I am also supporting Engineering New Zealand as an engineering practice area assessor.

I am a Chartered Professional Engineer of Engineering New Zealand and Registered Professional Engineer of Queensland.

I managed the Department of Water and Sewer while working as a chief engineer with the Pohnpei Utilities Corporation, in the Federated States of Micronesia, near Guam. I used to coordinate with the US Department of Interior, Army Corps of Engineers, and Asian Development Bank for any funding assistance for projects. I moved to New Zealand in 2002 with my family. From 2003 to 2014, I worked with the Franklin District Council, Metrowater, Watercare, and also Mackay Regional Council, Australia as a Senior Engineer

In the 80s, I was elected as a Committee Member of Chittagong Centre, Institution of Bangladesh, and General Secretary of Chittagong WASA (Water Supply and Sewerage Authority) Engineers Association.

If I am selected as a Board member, I would like to promote chartered engineers to take up more leadership roles in the engineering industry. In my view, chartered engineers should be given more opportunities in both technical and team/group management.



Manjit Devgun
CMEngNZ

My association with Engineering New Zealand began soon after I arrived in New Zealand in 1992. As an immigrant with overseas experience and qualifications, I needed to put in extra effort to fulfil requirements for getting a full professional membership of what was then IPENZ. However, my own journey to obtain professional membership and later become a Chartered Professional Engineer helped me to get passionately involved with helping the organisation and the engineering profession.

As an external staff assessor, I assessed many CPEng applicants and used this experience to mentor and guide many other engineers in their journey towards becoming Chartered engineers. For the last two years, I have been volunteering as a committee member on the Waikato Branch of Engineering New Zealand. I also volunteered as a director and board member for Engineers Without Borders for over two years, further broadening my management and governance experience.

Over the last 26 years in New Zealand, I have worked in water, roading and electricity sectors and currently I am employed by Hamilton City Council as Infrastructure Planning Engineer, responsible for planning strategic three-waters infrastructure.

My professional qualifications include Master's degrees in engineering (ME Civil) and management (MBA and PMP). With my diverse experience in engineering, management and governance, and diverse cultural and ethnic background, I believe I can add significant value to the Board.



Michael Kerr
CMEngNZ

For the last 12 years I have been the Central Regional Manager for Beca. As a consultant, I have nearly 30 years' experience working in a number of engineering disciplines, on projects ranging from water and wastewater, to highways and commercial buildings projects. I started my career as an environmental engineer working in public health, and in more recent times I have been in project leadership and governance roles.

I have a strong sense of pride in our industry, in particular encouraging youth into engineering professions. I also have a clear view that, as a profession, we have a responsibility to our communities that we must take very seriously and feel a personal accountability for.

I have supported our profession in a number of roles over the years including: Board Member and President of ACENZ, Board Member of the NZ Board of Engineering Diplomas, initiator of the Week of Engineering programme, as well as encouraging engagement with Engineering New Zealand programmes such as Futureintech. More recently I have taken on the Chief Engineer role for MBIE for a term to help influence the direction of our Building Code, critical legislation for our communities' safety. I am actively supporting the Diversity Agenda programme.



Murray Robertson
FEngNZ

I am a proactive engineering manager with a focus on developing innovative team solutions. As a civil contractor I strongly advocate for professional engineering membership and encourage the graduates of Downer to develop interesting and balanced careers based on the Engineering New Zealand framework for Chartered membership. I am a role model for many graduates in the company and I enjoy seeing people become excited by their chosen careers. I take a strong position on developing gender diversity and bringing females into the engineering profession. I recently had one of my team featured in the Diversity Agenda and I am now supporting her to become Chartered.

In my role as a General Manager, I am responsible for managing the health, safety and well-being of a large workforce while ensuring we deliver high quality engineering solutions for our clients. I am a director of Emulco Limited, which is a joint venture between Downer and Isaac, and last year I cemented my knowledge of governance in becoming a Chartered director with the Institute of Directors.



Peter Spies
FEngNZ

I am a civil engineer with over 30 years' experience working in South Africa, the United Kingdom and, since 1998, in New Zealand. I joined IPENZ (now Engineering New Zealand) in 1998 and was elected a Fellow in 2012.

As Chief Advisor Engineering for the New Zealand Transport Agency, I have been fortunate to have been involved with a number of iconic projects, including the recent Waterview Tunnels and the NCTIR (Kaikoura earthquake rebuild) Alliance, which won the 2018 ICE People's choice award. These and the other major projects I have been involved with have highlighted to me the importance of our industry in both creating sustainable employment for large workforces but also how what we do makes a difference for communities and New Zealand's economic wellbeing. I have proven leadership skills through my governance roles within NZTA and also on the many Project Management and Alliance Boards that I have served on. My passion for making New Zealand a better place includes voluntary work as a School Board of Trustees member at a Decile 1 school.

I would consider it an honour to be an Engineering New Zealand Board member advocating for our profession and those that benefit from infrastructure development and sustainable asset management in New Zealand.



Robert Potter
CMEngNZ

I am a Chartered Member of Engineering New Zealand with significant global experience in design and construction management.

I am currently a Project Engineer with Downer NZ, working on the Waikato Expressway 4-laning Auckland to Hamilton. My experience spans the successful completion of large projects in Dubai, Australasia and remote Pacific Islands that required creative problem solving and managing local workforces. Undertaking ambitious and challenging construction projects excites me – some of my past projects include runway construction in Tuvalu for the World Bank, major infrastructure builds in American Samoa, and emergency road works following the M7.8 Kaikoura earthquake.

I am excited to run for the Board to enhance Engineering New Zealand's governance by incorporating the perspectives of 1) younger engineers, and 2) the construction industry – both of which are currently under-represented at a board-level.

I am deeply passionate about imbuing the next generation of engineers with sound practices, and ensuring that the challenges of the construction industry are addressed via board governance.

I will contribute to the Board my global engineering expertise, experience managing foreign workforces, mentoring young engineers, and deep understanding of the construction industry. I presently serve on the Board of the Downer National Graduate Development Group. My wife and I enjoy travelling in our spare time, and have journeyed in all seven continents of the globe.



Roelof de Haan
CMEngNZ

Nelson-based with WSP-Opus, I am Technical Principal (Water & Wastewater), Associate, and Project Director for infrastructure projects. My 32 years of international experience includes both project leadership and governance of technical delivery.

As a Branch Committee and Rivers Group member, I'm motivated to be on the Board because of my desire to influence sustainable engineering expertise delivery. I see that we should better represent the smaller regions, embrace a diverse membership and function as a vital organisation for members.

After our Centenary Subcommittee initiated profile-building events, culminating in a formal branch dinner, I joined the Heritage Chapter as advocate for top of the south heritage.

As accredited Practice Area Assessor, I reflect a strong interest in registration, assessment and professional practice. I'm passionate about supporting the technical development of engineers and graduates and raising our public perception. My Engineering New Zealand Foundation scholarship evaluation input aided school-leavers in choosing engineering as career.

My private life exhibits a governance bent in that I am a Pistol Club Committee Member and South Island Chair of SAMVOA (South African Military Veterans Organisation of Australasia). As a kidney donor, I am registered on ANZDATA, a donor follow-up programme. I am member of Unashamedly Ethical, IPWEA, NZWWA, and ACENZ.

Feel free to peruse my [LinkedIn](#) profile.



Sisira Jayanatha
CMEngNZ

I am a CMEngNZ, CPEng and IntPE with over 25 years of experience in water infrastructure design, engineering and construction. Since 1999 I have acted as a Civil and Environmental Practice Area Assessor. From 1998 to 2016, I was heavily involved in the then-IPENZ Wellington Branch activities, and held both Secretary and Treasurer positions.

Over the past 25 years in New Zealand, I have worked in both local government and private entities in the capacity of Engineering Lead, Engineer to Contract, Project Manager, Project Director and Business Manager. I have worked in the capacity of client, consultant, and contractor.

I am currently a Senior Associate at Robert Bird Group. I am responsible for delivery of infrastructure projects in New Zealand, identifying new business, and developing and mentoring civil engineers within our business.

My previous roles include a construction management role with CPB Contractors, in which I was responsible for utility relocation works enabling the Transmission Gully Highway project. Prior to this I worked for AECOM as an Associate Director managing the water infrastructure business in Wellington, while leading the water infrastructure design group.

Throughout my career, I have proven that my proactive attitude makes things happen. I have been building relationships and driving numerous negotiations with stakeholders.

As a strategic thinker with the ability to translate the vision into operation, my aim is to contribute to the engineering community by championing diversity and social responsibility.



Steve Raynor
CMEngNZ

I am proud to be an engineer and a believer in engineers being those that apply science for the benefit of society, or in other words taking research and turning it into action – we are good at action.

My career spans academia and consulting in eight countries. I have achieved Chartership in three countries and have been both a “user” and “producer” of engineers. This as a unique and diverse frame through which I hope to contribute to Engineering New Zealand.

One of my interests is to see New Zealand engineers more positively recognised on the international stage. Internationally I have observed the vastly differing concepts of qualification, chartership and PD and would like to achieve a better fit for both New Zealand engineers and expat engineers coming to New Zealand.

As a university lecturer, I crafted courses to prepare young people for an engineering career. Students are our future professionals, and working with them provides understanding of where Engineering New Zealand’s opportunities will come from.

I am convinced that curiosity and lifelong learning is an essential state of the most effective engineers and am currently pursuing a PhD in resilience

Currently I am secretary of the Bay of Plenty branch of Engineering New Zealand and Resilience Specialist for Tauranga City.



Tony Fairclough

CMEngNZ

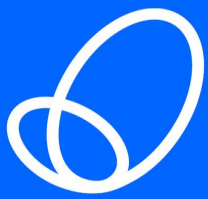
I am a Christchurch-based geotechnical engineer with approximately 30 years of practical experience. I hold a MEngSt and BE from the University of Auckland; an NZCE from Carrington Technical Institute and a DipMEEC from the New Zealand Institute of Management. I am also a Chartered Professional Engineer.

During my career I have worked throughout New Zealand and the Asia Pacific region and have lived in Auckland, Hong Kong, Kuala Lumpur and Christchurch. I am currently employed by Tonkin & Taylor.

I have been a member of the New Zealand Geotechnical Society (NZGS) Management Committee since 2011 and Chair of this fine organisation for the 2017 to 2019 term.

I feel that I am at a stage in my career that I can make a valuable contribution to Engineering New Zealand and ensure that this organisation continues to grow and benefit the wider engineering profession.

I believe that I have a good understanding of the needs and issues across a wide section of the membership due to my past employment by small, medium and large companies, my local-based experience in the North and South Islands of New Zealand, and my key roles with NZGS over the past eight years.



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