

Teresa Coady
FRAIC, AIA, RI, LEED Fellow, ArchitectAIBC,

Career

Teresa Coady is a professional consultant and strategic business advisor. Ms. Coady was most recently the Chief Operating Officer, COO, of Kasian, a 300 person international design firm. In her roles at Kasian, Ms. Coady provided leadership to the staff and senior leadership team, and was responsible for the successful operation of the company, including profitability, vision, strategy, and high project performance. She provided overall BIM and Sustainability leadership, and helped to create a culture of creativity, excellence and success. She worked closely with multiple project teams involved in project management, and was involved in several high profile, successful projects, collectively worth over \$1B. Ms. Coady works closely with designers, engineers, contractors, owners, developers and user groups to effectively gain consensus, to achieve the successful completion of complex projects.

Prior to her role at Kasian, Ms. Coady was the president and founding partner of Bunting Coady, a 100 person Vancouver based design and planning firm. Ms. Coady built this firm with her partner from a start-up to one of Canada's most well recognized practices, and sold the firm to an international buyer, leaving the practice in 2012. During the twenty year period of growth and development, Ms. Coady provided exceptional leadership and engaged closely with the development industry stakeholders including public and private owners and developers, municipalities and communities, and others including first nations, provincial and federal government, health, education, traffic and environmental authorities. Ms. Coady was directly involved in the successful project management and leadership of over \$2B worth of construction and development during her time at Bunting Coady.

Ms. Coady began her career at Expo 86 and was the director of all the theatres shops and restaurants on site, managing a team of hundreds of professionals and construction workers through tight budget and schedule constraints. Ms. Coady was selected for this role by the Exposition Director upon the completion of her professional education, and was extremely successful in this position, earning a reputation for fairness and excellence.

Ms. Coady is a registered Architect in both Canada and the United States. Ms. Coady is a Fellow of the Royal Architectural Institute of Canada, a Fellow of the United States Green Building Council, and former Vice-President of the Architectural Institute of British Columbia.

Ms. Coady is internationally recognized for her innovative thinking and her leadership in sustainability and works closely with various agencies to continuously create new practices to benefit society. She is chair of the United Nations Environmental Program, Sustainable Built Climate Initiative Advisory Board (UNEP SBCI). Ms. Coady is responsible for pioneering, and first presenting, the Integrated Design Process (IDP) at the Globe 1998 Conference. The IDP successfully involves all stakeholders in all aspects of design and construction, revolutionized the industry by moving it from a competitive to a collaborative approach, and is now recognized as a LEED4 Pre-requisite. Ms. Coady worked to develop the City of Vancouver Action Plan and City Building Standards. Ms. Coady was the only Architect to serve on the British Columbia Provincial Government's Climate Action Team (CAT). Ms. Coady is also a former board member of Cascadia (US Green Building Council) and CaGBC (Canadian Green Building Council) and was appointed a LEED Fellow in 2012 by the USGBC. She has acted as an advisor to the British Columbia Energy Code and the National Energy Code. She currently sits on the Canadian team of the International Initiative for Sustainable Built Environment (iiSBE).

In 1999, Ms. Coady was awarded the YWCA Woman of Distinction Award; an award that honors women whose outstanding achievements contributed to the well-being and future of the community. Ms. Coady was named winner of the RBC Canadian Woman Entrepreneur Awards (CWEA) in 2008. Ms. Coady is the only architect to ever receive this honor. She was also included in the 10th Annual Profit W100 list of Canada's Top Women Entrepreneurs. Ms. Coady has over 50 publications, numerous television and video appearances, and is actively involved as a mentor for emerging businesses and as a professional lecturer.

BIOGRAPHY

Susheel Arora, M.A.Sc., P.Eng.

Susheel Arora is the Director of Wastewater & Stormwater Services for Halifax Water. He has been involved with water and wastewater treatment for over 20 years. Susheel is responsible for the overall operations of wastewater collection, treatment, and biosolids management for the Halifax region. He was the key member of the team for Halifax Harbour Solutions project and is highly skilled in overall life cycle and cost benefit analysis of wastewater treatment projects. He is an active member of Engineers Nova Scotia and has two Masters Degrees; one in Environmental Engineering and the other in Applied Sciences. Susheel is also a graduate of the General Management Program from Harvard Business School.

Susheel is a member of various water and wastewater professional organizations such as Water Environment Federation (WEF), American Water Works Association (AWWA), and the International Water Association (IWA). He has actively participated in various committees at a national level including InfraGuide Best Practices for Wastewater Treatment Plant optimization.

Susheel strives for effective and sustainable management of wastewater and biosolids in an environmentally friendly manner.

Robert T. Atkins, FRICS., Chartered Quantity Surveyor (Retired) Canadian
Citizen

Born and educated in Nottingham, England.

Attended Nottingham High School as a scholarship pupil and gained 6 "O" levels.

On leaving school at 16 I was engaged as a trainee quantity surveyor by Gleeds, Chartered Quantity Surveyors, Nottingham.

Attended Nottingham & District College of Technology (Now Trent University) – Day release and night courses in quantity surveying.

I was a student of the College of Estate Management – London – Correspondence courses and short residential course. Studying for RICS Professional qualification.

Qualifications:

- 1962 – Associate of the Royal Institution of Chartered Surveyors
- 1986 – Elected Fellow of the Royal Institution of Chartered Surveyors

Following qualification I held various positions at Gleeds in Nottingham culminating as Senior Surveyor responsible for Mechanical and Electrical Services and the introduction of New Management Techniques.

In 1975 I emigrated to Montreal, Canada to the position of General Manager, Construction Data Systems Ltd., (an affiliate of Hanscomb-Roy) responsible for compiling and editing "Yardsticks for Costing" – the Canadian Construction Price book published annually, and for introducing new techniques for project control.

Previous memberships in Canada – prior to retirement:

- Project Management Institute
- Association of American Cost Engineers
- Canadian Institute of Quantity Surveyors
- Economistes en Construction du Quebec

My whole career in England and Canada has been focussed on the planning, definition, administration and control of capital projects, large and small, in both the public and private sectors. I have held senior management positions in a range of organisations providing services to a very wide range of clients. In England I worked with major commercial clients and with Crown Corporations, Municipalities, Hospital Boards, Education Authorities and the like. In Canada I have provided services to Crown Corporations, Federal and Provincial Government Departments and major commercial companies, major financial institutions, large professional consultancies, property developers and to one of the world's largest engineering companies.

My responsibilities have included developing detailed capital budgets, cost planning through the design stages, preparing contract documents, analysing risk, reviewing and analysing bids, verifying interim payments, and formalising and implementing the control and reporting procedures necessary to ensure that no commitments were made outside the funding provision and that the work was completed as scheduled.

I have made presentations and given lectures to a wide variety of organisations and professional bodies predominantly in Canada on the subject of Capital Cost Management including to Architecture 422 and 423 at the University of British Columbia on the subjects of Cost Planning, Life Cycle Costing and Value Engineering and to Ryerson Polytechnic in Toronto on the subject of Cost Indexing. I have also made presentations on these and related subjects to government departments in Canada and the US.

In BC I was appointed Director of Capital Budget and Director of Management Services at EXPO86, the World Fair in Vancouver.

Currently I am retired from consulting engagements and available to provide support and expertise on challenging major capital projects.

**Roger S. Bailey, General Manager
Central Contra Costa Sanitary District**

Throughout his professional career, Roger S. Bailey has lead several major municipally owned operations across the US. He currently serves as the General Manager of the Central Contra Costa Sanitary District (CCCSD). Located in the East San Francisco Bay Area, CCCSD provides wastewater services to an area covering 146 square miles, including thirteen local jurisdictions which have a combined population of over 470,000.

Previously, he served as the head of the City of San Diego Public Utilities Department, one of the largest and most complex water and wastewater utilities in the country. Under his leadership, the San Diego Public Utilities Department (SDPUD) provided the highest quality and most cost effective utility services to over 1.5 million water customers, and over 2.2 million wastewater customers. In recognition of his many contributions to SDPUD, the City Council declared July 30th, 2013, “Roger S Bailey Day” in the City of San Diego.

Prior to joining the City of San Diego, he served as Interim Deputy City Manager and Utilities Director for the City of Glendale, Arizona. He also served as Utilities Director for the City of Royal Palm Beach, Florida; Assistant Utilities Director for the City of Valdosta, Georgia; and Senior Engineer with the City of Tallahassee Water Utilities Department. Under his leadership, San Diego and Glendale’s Utilities Department has won platinum awards for Utility Excellence from the Association of Metropolitan Water Agencies.

Mr. Bailey is a registered professional engineer in Arizona and Florida. His professional affiliations include the American Society of Civil Engineers, American Public Works Association, American Water Works Association, and Water Environmental Federation. His education includes M.S. and B.S. degrees in Civil Engineering from Florida A&M University. He also holds a B. S. degree in Physics and Mathematics from the University Of Winnipeg, Canada.

DR. BRUCE JANK'S EXPERIENCE RELATED TO UTILITY SERVICING FOR ENVIRONMENTALLY SUSTAINABLE COMMUNITIES

- Ph.D., Civil Engineering, University of Waterloo, 1971.
- Divisional Manager, Biological Processes, and Director of Environment Canada's Wastewater Technology Centre, Burlington Ontario over a 25 year period.
- Responsible for design, construction and 6 year operations contract for the Town of Banff's Wastewater Treatment Plant.
- As Technical Director, Unisphere Waste Conversion Inc., over a 5-year period developed the detailed design for a 100 ton per day tire pyrolysis plant which was to be located at the Port of Belledune, New Brunswick.
- Technical Advisor for the design, construction and performance evaluation of Wastewater Treatment Plants for the following communities:
 1. The Columbia Icefield information centre and hotel (seasonal operation);
 2. The Municipality of Jasper, AB;
 3. Town of Squamish, BC;
 4. The Britannia Copper Mine, Britannia, BC;
 5. The Town of Okotoks, AB;
 6. The Town of Taber, AB; and
 7. The Town of Strathmore, AB.
- Technical Advisor for the design, construction and performance evaluation of a Regional Water Treatment Plant constructed in the Town of Vulcan, AB.
- Provided conceptual and detailed designs for Utility Servicing for approximately ten off-the-grid residential development projects in Alberta and Ontario. Projects typically included the following components:
 1. aggressive potable water conservation;
 2. greywater, rainwater and stormwater harvesting;
 3. advanced wastewater treatment with water reuse or aquifer recharge;
 4. solid and liquid food waste aerobic or anaerobic composting;
 5. geoexchange systems for heating and cooling; and
 6. solar, wind or gas turbine systems for electricity generation.
- Hobby – Development and implementation of Integrated Resource Management strategies

Bruce Jank, Ph.D., P.Eng.(AB & ON)
CEO, Canadian Clean Water Technologies Inc.

Jeffrey Scott Snyder

BIO

Jeff has over 25 years of experience in Water and Waste Water Management. His diverse skills set include everything from environmental compliance, regional sales and development efforts, contract negotiations to system repair and maintenance. Jeff has worked with a number of waste disposal and utility companies which include Parkson Corporation, Synagro Technologies, American Water Services, AquaSource Utility and Culligan Operating Services.

Jeff was instrumental in the development of a Fluidized Bed Gasification System that processed Biosolids from Wastewater Treatment Plants as the sole feedstock to the gasifier. Jeff was responsible for the installation of the fluidized bed gasifier that was installed in Sanford FL. Jeff also led the commissioning and operation of the gasifier. The Sanford operation also included sludge dewatering and drying as components of the gasification operations that Jeff was responsible for.

In December 2013 Jeff was directly responsible for securing a Determination for USEPA that a Gasifier Operating on sewage sludge was not an incinerator.