

# William (Bill) J. Haskett

Managing Director

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Bill is Founder and Managing Director of the Haskett Consulting International companies in Canada and the US., and is the former Chairman and Sr. Principal for Energy Strategy at Decision Strategies, Inc. He is the proud recipient of the **SPE International Technical Award for Management and Information**, as well as the **INFORMS Decision Analysis Society Practice Award** for his thought leadership and career's work in uncertainty management and decision support, including ground-breaking work in conventional and unconventional decision management. He is the only person to have won both awards. Most recently he was awarded the **2020 SPE International Award for Public Service** and **Distinguished Member** status.

Bill's diverse experience, gained over forty years in the Energy Industry, includes exploration and development engineering, project risk management, geoscience, development planning, organizational efficiency and change management, planning, project risk management, logistics, mining, environment, and decision support. He has been used repeatedly in multi-stakeholder and Joint Venture projects to guide, mediate, and facilitate successful outcomes.

An Industry recognised expert and thought-leader in conventional and unconventional opportunity assessment who has taught dozens of courses in Project Evaluation, Uncertainty Management, and Unconventional Assessment. Bill is in demand for clients around the world. He is a trusted advisor of IOC, NOC, and government entities for all phases of the Exploration and Development process including Risk Management and infrastructure planning.

## Thought Leadership and Mentoring

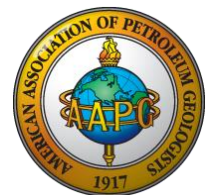
- Trained and coached thousands of professionals across several industries, world-wide, in decision-based risk and uncertainty management techniques resulting in documented improvements in performance, particularly in association with Shale Resource activity
- Featured instructor in special event and convention related courses including URTEC and events in several Middle Eastern nations
- Instructor in decision and uncertainty management for negotiations produced by the Association of International Petroleum Negotiators
- Led teams in all phases of projects from inception through infrastructure construction and development
- Developed a method for business decision-based evaluation of unconventional that became the industry standard
- Process, project evaluation, and decision coach for multiple mid-sized international diverse firms
- Industry recognized instructor of numerous courses including Risk and Uncertainty Management, Uncertainty and Decision Management for Unconventional Opportunities, Advanced Risk Analysis, Portfolio Analysis and Management, Decision Management in Global Gas: Exploration through LNG, Simulation, Economics, and Opportunity Evaluation
- Author of numerous papers on development efficiency, resource assessment, portfolio methodology, stochastic forecasting, Value of Information, discovery and pilot efficiency, and decision support. He is the primary author of the benchmark paper on unconventional evaluation



*International Management and Information Technical Award, International Public Service Award, Distinguished Member*



*Decision Analysis Practice Award*



*Past Chair of Committee on Reserves Evaluation (CORE), Workshop Instructor*



*Past Chair of Reserves Committee*

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## **Decision Process, Strategy, & Project Evaluation**

- Extensive experience in development planning and external review of Deepwater exploration and development opportunities including Joint Venture partner facilitation for over 20 years.
- An industry acknowledged thought leader for competitive positioning, play entry strategy, and opportunity assessment for conventional and unconventional projects, including strategies for play entry in frontier basins globally
- Deepwater technical project advisor for several larger companies including Shell, Chevron (including Unocal and Texaco), Oxy, Hess, Pan Canadian, BP, and Apache, providing review and assessment for key projects as well as entire portfolios
- Technical risk assessment and infrastructure planning onshore/offshore/deep-water in major petroleum production basins globally with particular emphasis on Nigeria, Angola, Brazil, Australia, Suriname. and the Gulf of Mexico
- Guided several companies (IOC and NOC) in the implementation of best practice exploration evaluation and decision strategy, including portfolio risk, project management, and decision supported project risk management for investment and infrastructure planning
- Management of global portfolio risk assessments for many years in a mid-sized international energy company. This included Sr. Executive liaison and acting as the primary consultant/coach/instructor for portfolio allocation, management, new basin development planning, and competitive positioning for companies in Africa, South America, Australia, Europe, US, and Asia

## **Natural Gas Infrastructure Projects**

- Long-term advisory on development schedule and infrastructure options, gas supply logistics, Government/Partner negotiation support, and competitive positioning to achieve optimal operations across 300 Tcf of onshore, offshore, and deep-water development projects feeding 12-15 West Africa LNG trains in a \$50B portfolio project for a major international O&G Joint Venture.
- Developed a resource exploitation strategy and provided extensive structured decision coaching, JV partner decision facilitation, and decision support for a predominantly associated-gas-sourced multi-partner, \$5B Central African LNG facility
- Called in to help rescue a super-project that was far behind schedule and greatly over budget. Triaged and remediated issues in project cost and schedule forecast, risk exposure, emergency planning, logistics, fleet utilization, and port management, ultimately leading to multi-billion dollar improvements in the capital cost and timing for a +\$56B multi-train infrastructure development in Asia-Pacific

## **Partner Alignment, Portfolio Based Asset Rationalization, & Negotiation Strategy**

- Facilitated a major strategy and 300 project portfolio prioritization initiative for the decline phase of a giant North American field for a consortium of companies. Created the means to achieve full partner alignment and over \$2B value over the original production plan
- Pre-deal strategic planning and real-time negotiation support for a large multinational.

## **Education & Other Credentials**

M.B.A. University of Calgary (Finance and Organizational Development), Calgary, Alberta, Canada  
Geology (Neutron Activation of AU-bearing Komatiites), McMaster University, Hamilton, Ontario, Canada

## **Professional Certification and Organizations**

Certified Petroleum Geologist

Member of SPE, AAPG, CSPG, DAAG, Society of Decision Professionals, and INFORMS

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## Partial List of Publications

- Practical Decision Support in Logistics and Project Management, W.J. Haskett, Decision Analysis Affinity Group annual meeting, 2015.
- Evaluation, Entry, Efficiency, and Materiality Strategies for Energy and Infrastructure Projects, WJ Haskett, Canadian Operations Research Society, June 2016
- The Myth of Sweet Spot Exploration, W.J. Haskett, SPE 170960, Oct. 2014
- Reining in the Data Junkies -- Having the Guts Not to Appraise, P.O. Burdett and W.J. Haskett, SPE 162903, SPEE Calgary, Sept. 2012
- The Materiality Question, W.J. Haskett, Decision Strategies white paper, March 2012
- Unconventional Type Curves: Useful, or Sirens of Destruction?, W.J. Haskett, SPE-147059, SPE ATCE, Denver, CO, Nov. 2011
- Pitfalls in the Evaluation of Unconventional Resources, W.J. Haskett and P.J. Brown, SPE-135208, SPE ATCE, Florence, Italy, Sept. 2010.
- Steam and Glean: Planning to Learn in a Potential World-Class Heavy Oil Project, C. Bynum, M. Weller, C.D. McManus, and W.J. Haskett, SPE 137483
- Pain and Regret, W.J. Haskett, SPE 116773, October 2008
- Evaluation of Unconventional Resource Plays, W.J. Haskett and P.J. Brown, SPE 96879, Oct '05
- Practical Optimization: Working with the Realities of Decision Management, W.J. Haskett, M. Better and J. April (OptTek Systems Inc.), SPE 90947, October 2004
- Optimal Appraisal Well Location Through Efficient Uncertainty Reduction and Value of Information Techniques, W.J. Haskett, SPE 84241, October 2003.
- Real-time Negotiation Based Decision Analysis, W.J. Haskett, Decision Analysis Affinity Group annual meeting, Feb., 2002, Las Vegas.
- How To Kill Off Your Company Using Portfolio Management, W.J. Haskett, Decision Analysis Affinity Group annual meeting, San Francisco, April, 1998.

## Course Instruction History

### Professional Organization Continuing Education Program Support

- Association of International Petroleum Negotiators – Economic Evaluation Decision Analysis – Mexico City 2019
- American Association of Petroleum Geologists
  - Over a decade of Unconventional Assessment and Decision Management courses – Houston, Tulsa, San Antonio
  - Decision and Uncertainty Management for Gas and LNG
  - Beyond Lognormal – Advanced Risk Analysis
- Society of Decision Professionals – Decision Analysis Affinity Group - Project Management: Cost and Schedule Estimation
- SPE – Unconventional Evaluation – Delft
- URTEC – Featured Course – Evaluation of Unconventional Resources
- 20th Middle East Petroleum and Gas Conference – Bahrain featured course – Evaluation of Unconventional Resources

## Awards

- 2020 Society of Petroleum Engineers International Public Service Award – Career-long volunteer service in science education, victim assistance, professional society leadership, emergency medicine, disaster response, medical and firefighting instruction, firefighting, with international service in Canada, USA, and Haiti.
  - 2012 Society of Petroleum Engineers International Management and Information Technical Award – Development and teaching of industry leading methods of resource assessment and development methods for Unconventional Resource projects
  - AAPG Merit Award – Financial advisory and facilitation
  - Canada 125 Medal – Service to Country and Community
  - Solicitor General's Crime Prevention Award – Leadership and coordination of a Victim's Assistance service in a major city.
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