Petroleum Project Economics And Risk Analysis Workshop

TIPS & TRICKS for Excel-Based Financial Modeling, Volume II
Project Economics and Decision Analysis

Country Risk Analysis

The Oil Curse

Petroleum Economics and Risk Analysis

Upstream Petroleum Fiscal and Valuation Modeling in Excel

International Handbook on the Economics of Energy/Engineering Economy in Upstream Oil & Gas Field Development

The Owner's Role in Project Engineering and Economics

OIL PRICES and the Global Economy/Project Management in the Oil and Gas Industry

Petroleum and Marine Technology

Information Guide: A Study of Business Decisions Under Uncertainty Oil and Gas Property Valuation and Economics

Project Finance for the International Petroleum Industry

Politicalseekers

Policy and Investment Risk in the International Oil and Gas Industry

Petroleum Resources with Emphasis on Offshore Fields Oil and Gas Exploration and Production

HYDROCARBON ACCOUNTING

PETROLEUM ECONOMICS and INVESTMENT DECISIONS

Decision Analysis for Petroleum Exploration

Balancing Petroleum Policy

Handbook for Integrating Risk Analysis in the Economic Decision Making Process

Investment Risk in the International Oil and Gas Industry

Petroleum Project Economics and Risk Analysis

Tips & Tricks for Excel-Based Financial Modeling, Volume II

Project Economics and Decision Analysis

Probabilistic modelsRelevant trends in exploration, exploitation and processing of petroleum resources

The Future of Ocean Governance and Capacity Development
The importance of inter alia for venture analysts to understand how to model oil and gas terms and the potential impacts of the disclosed government payments on future oil and gas company profitability. Due to the heavy use of graphics and cross references used in this particular text, some readers might find that the printed book offers a more optimal reading experience than certain e-formats.
accounting, reserves classifications, bonuses, rents, royalty trust, cost and full accounting, royalties, concessionary fiscal systems, chargeable profit, chargeable tax, assessable tax, disallowed deductions, and profit and production splits as they affect exaction, drilling and production. While the hydrocarbon project accountant performs their duties, the Petroleum Economists assist and enhance investment decision making by analyzing these and other factors including exploration and well drilling data, whether or not the development of an entire gas production project should proceed. Their inputs are critical in Production Sharing Contracts negotiations and oil and gas block (properties) purchase. They are inevitably involved in the evaluation and management of the operational, technical, financial, geological, technical, land, and other aspects of oil and gas projects. Their roles also includes the financial analysis of oil and gas production as well as the forecasting of cash flow, oil and gas development assessment, economic indicators, risk analysis, the analysis and the effects of taxation of Petroleum Economists advise company management on the economic viability and attractiveness of petroleum ventures and operations, as they have the knowledge and skills required to quantify all forms of uncertainties such as revenue, gas prices, development costs, payment determinations and the organization in the award of oil and gas leases. Using profitability analysis, they prepare guidelines for the selection of the best alternative development options. They participate in oil and gas field development design, field acquisition, methods of production that influence production rate, and ultimate recovery, including planned change in development. Also, they re-evaluate priorities in investment funds allocation by the application of investment decision analysis methods discussed are NPV, IRR, NPV, DPP/OL, IRR, EMM, Decision Trees, Monte Carlo Simulations, amongst others. These main Input questions are addressed as such as "What is the cost of the proposed E&P venture?" "What are the absolute economic value and relative cost of the E & P venture?" "How profitable is the venture when compared to alternative available investment opportunities?"

This paper presents a simple macroeconomic model of the oil market. The model incorporates features of oil supply such as depletion, endogenous oil exploration and extraction, as well as features of oil demand such as the secular increase in demand from emerging-market economies, usage efficiency, and demand-reduction responses. The model provides, inter alia, a useful analytical framework to explore the effects of a change in world GDP growth; a change in the efficiency of oil usage; and a change in the supply of oil. Notwithstanding that shale oil production today is more responsive to prices than conventional oil, our analysis suggests that an era of prolonged low oil prices is likely to be followed by a period where oil prices overshoot their long-term upward trend.

Rural Electrification poses solutions to the insurmountable modern challenge of providing 247 electricity for populations, housing and territory located outside towns and cities. The book reviews the historical development of rural energy systems, their status quo, and the role of renewable and fossil fuelled solutions in delivering electricity. It addresses core issues of energy source typologies, resource deployment, fundamental challenges and limitations, the burgeoning threat of climate change, and the role of the renewable energy transition. Chapters account for almost all forms of fuel solutions, with a focus on electrification economics, planning, and policy using the most cost-effective fuels and systems available. Novel approaches to address the challenges of rural electrification, including distributed generation systems, new management and ownership models, off-grid systems, and future energy technologies are thoroughly explored. The work concludes with a chapter on future perspectives of rural electrification. This book offers a comprehensive rural electrification. Provides a suite of new approaches to deliver and expand electrification across challenging rural environments Describes optimal economics, planning, and policy for electrification where there is no access to electricity Reviews how practitioners can achieve cost reductions for rural energy supply using existing technologies Addresses routes to power rural electrification within a transitioning energy economy while simultaneously accounting for climate change considerations

First published in 1981 as the Offshore Information Guide this guide to information sources has been hailed internationally as an indispensable handbook for the oil, gas and marine industries.

Thought leaders and experts offer the most current information and insights into energy finance Energy Finance and Economics offers the most up-to-date information and compelling insights into the finance and economics of energy. With contributions from today’s thought leaders who are experts in various areas of energy finance and economics, the book provides an overview of the energy industry and addresses issues concerning energy finance and economics. Whether you are a student or a professional, you will find this a comprehensive text that provides an in-depth understanding of the energy sector.

The International Handbook on the Economics of Energy presents a comprehensive overview of the state-of-the-art research making it an indispensable reference for researchers, advanced students, practitioners and policy-makers alike.

The steps that lead to the production of oil and gas are diverse, complex and costly. They are diverse because the detection of oil and gas involves input from many specialties, ranging from geology to reservoir engineering. They are complex, as shown by the development of the job of the petroleum architect, who coordinates all the operations. They are costly, as the investments for exploration and production represent more than half of all investments in the oil and gas sector. Moreover, exploration is a risky activity, both from the technical and financial viewpoint: only one well in five produces marketable oil. Meanwhile, the areas for exploration and production are spread throughout the world.

The recent worldwide boom in industrial construction and the corresponding billions of dollars spent every year in industrial, oil, gas, and petrochemical and power generation project, has created opportunities to transform hydrocarbons that exist in underground, to valuable products that can be sold and delivered. It is intended for practitioners, policy-makers, and students alike.

As an essential component for economic growth, energy has a significant impact on the global economy. The need to meet growing energy demand has prompted cutting-edge innovation in clean technologies, such as solar, wind, and hydropower. The Handbook offers a comprehensive review of the economics of energy, including contributions from a distinguished array of international specialists. It provides a thorough discussion of the major research issues in this topical field of economics. Addressed include the theory of energy supply, demand and policy, empirical modelling of energy demand, holistic energy models, an analysis of coal, gas, electricity, oil and the markets within which they operate. The handbook also incorporates recent energy policy issues. The topics of pricing, transmission, regulation, security, energy efficiency, new technologies and climate change are also discussed.

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The International Ocean Institute - Canada has compiled more than 80 insightful essays on the future of ocean governance and capacity development, based largely on themes of its Training Program at Dalhousie University in Canada, to honor the work of Elisabeth Maun Borge (1918-2002).

In today’s financial market, portfolio and risk management are facing an array of challenges. This is due to increasing levels of knowledge and data that are being made available that have caused a multitude of different investment models to be explored and implemented. Professionals and researchers in this field are in need of up-to-date research that analyzes these contemporary models of practice and keeps pace with the advancements being made within financial risk modelling and portfolio control.

Recent Applications of Financial Risk Modelling and Portfolio Management is a pivotal reference source that provides vital research on the use of modern array of challenges. This handbook presents the most current research on portfolio management and risk capital allocation to the oil and gas industry as well as addressing issues of unconventional, renewable, and alternative energy. A timely compendium of information and insights centering on topics related to energy finance Written by Betty and Russell Simkins, two experts on the topic of the economics of energy, this book offers a comprehensive overview of the state-of-the-art research making it an indispensable reference for researchers, advanced students, practitioners and policy-makers alike.

The book on the Petroleum Resources addresses the challenges of transforming hydrocarbons that exist in underground, to valuable products that can be sold and delivered. It is intended for practitioners, policy-makers, and students alike.

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