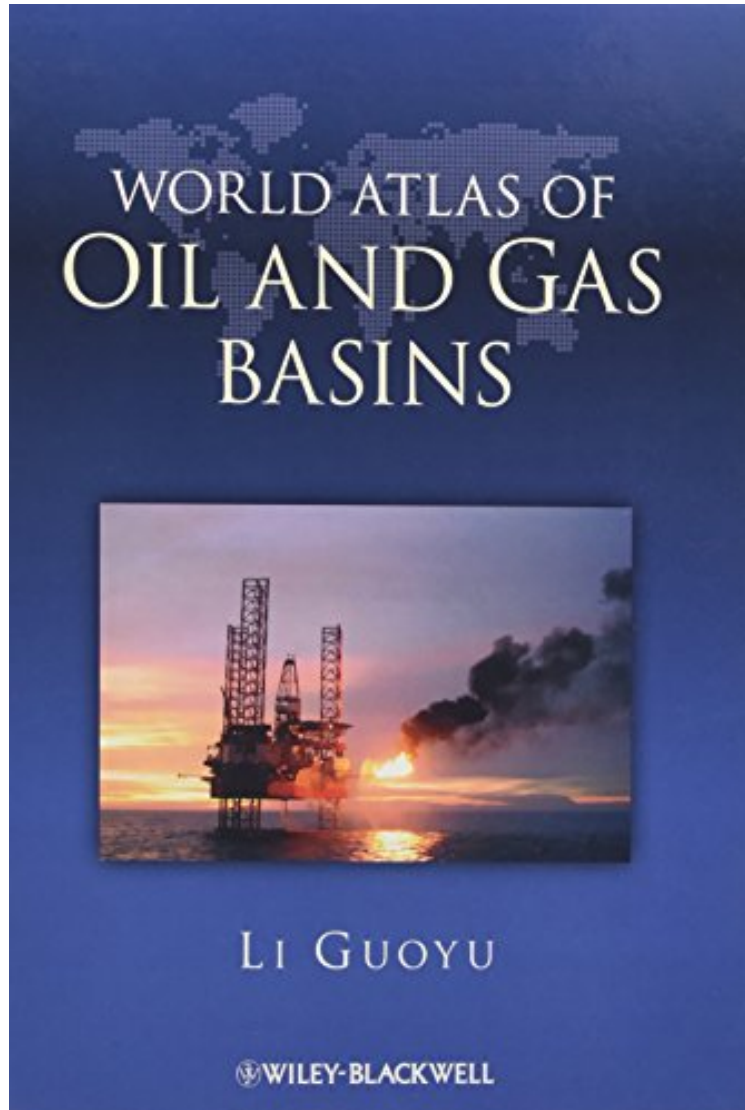


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World Atlas of Oil and Gas Basins

Guoyu Li

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0 of 2 people found the following review helpful. New one but the price is for used one By Chul Woo Rhee I am much puzzled at the price and condition of my ordered item. Appreciate the new one with used price tag. 5 of 5 people found the following review helpful. A Fascinating Resource on the World's Oil Resources By Jan Peczkis This work is nothing short of a one-volume encyclopedia. It begins with basic geology and relevant map symbols, data on the history of oil production and use, a table of major oil-producing nations, numerous tables with statistics on oil

production, and projections for the future. There is world geologic map, as well as a map that shows the world's best-known petroleum basins. Even those of Antarctica are included, even though they are covered by ice and almost nothing is known about them. Oil and gas basins are classified according to symmetry (or lack of it), and type of trap or occurrence (anticline, reef, fracture, overthrust, stratigraphic, etc.). Each of the major petroleum-bearing basins is elaborated in terms of nation or geographic region. The elaboration includes a colored cross-sectional diagram map showing geologic age, thickness, and cross-sectional distance. A series of descriptive paragraphs are provided for each basin, as is a table that gives basinal area, age, thickness, primary lithology, etc. An index in the back of this single volume lists all of the basins, while another index lists all the nations considered. Are we running out of petroleum? This book presents both views. One view is that most of the world's petroleum has already been found by the 1990's, and that critical shortages are not far in the future. The other view is that only a small percentage of available petroleum has been found, let alone exploited, thus far, and that significant petroleum exploitation is a likely reality for the next few centuries. (p. xvii). Poland has proven oil reserves of 13 million tons of petroleum and proven gas reserves of 164 billion cubic meters. (p. 268). Although the latter is half that of Hungary (p. 261) and the UK (p. 257), it is comparable to the proven gas reserves of Germany (175 billion cubic meters: p. 257), and is significantly greater than that of many European nations.

Professor Li's World Atlas of Oil and Gas Basins is a fresh and comprehensive treatise of the distribution of the world's hydrocarbon reserves. The Atlas highlights the geographical, sedimentary and geological features of the basins, using a combination of maps and stratigraphic diagrams to depict the history, prospectivity and commercial production capacity of the reserves on a continental and country-by-country basis. The Atlas is an essential reference source for petroleum geologists and reservoir engineers working in hydrocarbon exploration and production. It is also a valuable and original teaching aid for university graduate and postgraduate courses. The Atlas provides a welcome addition to the global database of the world's energy resources and is therefore an indispensable source of information for the formulation of future strategies to exploit oil and gas reserves. Written by one of China's foremost petroleum geologists, the Atlas provides a rare analysis of the industry from the perspective of the country whose demand for oil and gas is set to become the largest in the next few decades. It is an important and vital scholarly work.

It is also useful for teaching petroleum geology as the maps and cross-sections provide many good examples. I found the book very easy to use. The maps and cross-sections are easily understood. (Reference s, 2012) "Summing Up: Highly recommended. Lower-level undergraduates and above; general readers." (Choice, 1 August 2011) "This is a truly remarkable atlas . . . Therefore, the atlas is presented as an indispensable source of information for the development of future strategies to exploit oil and gas reserves . . . On the contrary, because of its global perspective and the links between geology and production history, the quick overview of the geological potential and the hydrocarbon industry of different countries or basins may be of great use to general managers, journalists, students, or the interested public." (Geologica Belgica, 1 September 2011) From the Back Cover Professor Li's World Atlas of Oil and Gas Basins is a fresh and comprehensive treatise of the distribution of the world's hydrocarbon reserves. The Atlas highlights the geographical, sedimentary and geological features of the basins, using a combination of maps and stratigraphic diagrams to depict the history, prospectivity and commercial production capacity of the reserves on a continental and country-by-country basis. The Atlas is an essential reference source for petroleum geologists and reservoir engineers working in hydrocarbon exploration and production. It is also a valuable and original teaching aid for university graduate and postgraduate courses. The Atlas provides a welcome addition to the global database of the world's energy resources and is therefore an indispensable source of information for the formulation of future strategies to exploit oil and gas reserves. Written by one of China's foremost petroleum geologists, the Atlas provides a rare analysis of the industry from the perspective of the country whose demand for oil and gas is set to become the largest in the next few decades. It is an important and vital scholarly work. About the Author Born in China's northern Gansu Province, Professor Li Guoyu was educated at Lanzhou University and Beijing Petroleum Geology College. He has written close to 70 books and more than 30 scholarly papers on petroleum geology and has spent many years developing a theory of Sedimentary Basins that portrays an optimistic prognosis of oil and gas reserves in the world. Li Guoyu has combined his academic research with industry experience working with China's largest petroleum company and the Chinese Ministry of Energy. He is an Honorary Academician with the Russian Academy of Natural Sciences. Li Guoyu is married with children and grandchildren and resides in Beijing.