I. Record Nr. Autore Titolo	UNINA9910818879503321 Krichene Noureddine Crude Oil Prices : : Trends and Forecast / / Noureddine Krichene
Pubbl/distr/stampa	Washington, D.C. : , : International Monetary Fund, , 2008
ISBN	1-4623-9010-2 1-4519-9637-3 1-282-84085-1 1-4518-6992-4 9786612840852
Edizione	[1st ed.]
Descrizione fisica	1 online resource (25 pages) : illustrations
Collana	IMF Working Papers
Collana	IMF working paper ; ; WP/08/133
Disciplina	338.232820112
Soggetti	Petroleum products - Prices - Forecasting
	Investments: Energy
	Inflation
	Macroeconomics
	Energy: Demand and Supply
	Prices
	Price Level
	Deflation
	Energy: General
	Commodity Markets
	Investment & securities
	Oil prices Asset prices
	Oil
	Commodity prices
	Petroleum industry and trade
	United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

Nota di contenuto	Intro Contents I. Introduction II. Recent Evolution of Oil Prices III. Modeling Oil Prices as Levy Process IV. Oil Price Process as Normal Inverse Gaussian Process V. Estimation of Oil Price Process as a Normal Inverse Gaussian Process VI. Market Incompleteness and Esscher Transform VII. Density Forecast of Crude Oil Prices: The Inverse Problem VIII. Conclusions Tables 1. Descriptive Statistics for Oil Price Returns 2. Oil Price as Normal Inverse Distribution, Parameterization 3. Oil Price as Normal Inverse Distribution, Parameterization Figures 1. Oil Daily Futures Prices, January 2000-October 2007 2a. Empirical Distribution of Oil Price Returns 2000M1-2003M4 2b. Empirical Distribution of Oil Price Returns, 2003M5-2007M10 3. Oil Price Returns GARCH(1.1) Volatility, January 2000-October 2007 References.
Sommario/riassunto	Following record low interest rates and fast depreciating U.S. dollar, crude oil prices became under rising pressure and seemed boundless. Oil price process parameters changed drastically in 2003M5-2007M10 toward consistently rising prices. Short-term forecasting would imply persistence of observed trends, as market fundamentals and underlying monetary policies were supportive of these trends. Market expectations derived from option prices anticipated further surge in oil prices and allowed significant probability for right tail events. Given explosive trends in other commodities prices, depreciating currencies, and weakening financial conditions, recent trends in oil prices might not persist further without triggering world economic recession, regressive oil supply, as oil producers became wary about inflation. Restoring stable oil markets, through restraining monetary policy, is essential for durable growth and price stability.