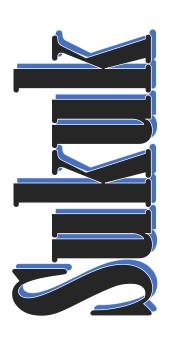
Readings in





# **Concept and Operation**

Compiled, Classified & Edited by **Professor Dr. S. M. Ali Akkas Dr. M Abdul Aziz** 



Bangladesh Institute of Islamic Finance (BIIF) বাংলাদেশ ইনস্টিটিউট অব ইসলামিক ফাইন্যান্স (বিআইআইএফ)

i

## LIST OF CONTRIBUTORS IN THE READING SERIES-6: SUKUK

Sl.	Contributor(s)	Position
1.	Mohammed Sawkat Hossain	Taylor's University
	Md Hamid Uddin	Taylor's University
	Sarkar Humayun Kabir	Coventry University
2.	Rafe Haneef	Managing Director of Fajr Capital plc. A Research Fellow of International Shari'ah Research Academy for Islamic Finance.
3.	Mohamed Ariff,	Department of Finance, University Drive, Bond University, Gold Coast, Australia
	Meysam Safari	Graduate School of Management, Universiti Putra Malaysia, Selangor, Malaysia
	Shamsher Mohamed	The Global University of Islamic Finance (INCEIF University), Lorong Universiti A, Kuala Lumpur, Malaysia
4.	Rafisah Mat Radz	School of Distance Education, Universiti Sains Malaysia
5.	Redha Al Ansari	Leads Islamic Capital Markets team in Thomson Reuters.
6.	Mohd Yahya Mohd Hussin Fidlizan Muhammad	Lecturer, Department of Economics, Faculty of Management & Economics, Universiti Pendidikan Sultan Idris, Tanjong Malim, Perak.
	Salwa Amirah Awang	Lecturer, Department of General Studies, Politeknik Sultan Azlan Shah, Behrang Stesen, Perak
	Ahmad Azam Sulaiman	Lecturer, Department of Syariah and Economics, Academy of Islamic Studies, Universiti Malaya, Kuala Lumpur
7.	Rafisah Mat Radzia	School of Distance Education, Universiti Sains Malaysia, Penang
	Nurul Aini Muhamed	Faculty of Economics and Muamalat, Universiti Sains Islam Malaysia, Negeri Sembilan
8.	Meysam Safari	SEGi University, Malaysia
9.	Mohamed Ariff	Bond University, Gold Coast, QLD 4229, Australia SEGi University
	Meysam Safari	Senior Lecturer, Taman Sains Selangor, Kota Damansara, PJU 5, Petaling Jaya,, Selangor 47810, Malaysia
	Shamsher Mohamad	International Centre for Education in Islamic Finance   INCEIF · GRADUATE STUDIES
10.	Mohamed Benaicha	Bachelor of Science, Institute of Islamic Banking and Finance (IIiBF), International Islamic University Malaysia (IIUM),
	Bandar Mohammed Saif Qasem	Master of Business Administration, Islamic Banking and Finance Institute, International Islamic University Malaysia
	Anas Abdulkadir Abubakar Kassim	Do
11.	Erisa Langari Zadeh,	Department of Finance, International Islamic University, Malaysia
12.	Awal Adam Sa'ad	Ph.D. Scholar, Faculty of Laws, International Islamic University Malaysia, E-mail: awwaltilde@yahoo.com

#### (Based on the Date of Publication of the Relevant Contribution)

Sl.	Contributor(s)	Position
13.	Abdullah Saeed	Professor A. Saeed is Sultan of Oman Professor of Arab and Islamic Studies and Director of the National Centre of Excellence for Islamic Studies, University of Melbourne, Australia.
	Omar Salah,	O. Salah, LLM, is lawyer (advocaat) at De Brauw Blackstone Westbroek N.V. in Amsterdam, PhD Candidate at Tilburg University, and Junior Fellow of the European Banking Center in the Netherlands
14.	Ibnu Qizam	Post-Graduate Program of Islamic Economics, Faculty of Islamic Economics and Business, State Islamic University (UIN) Sunan Kalijaga, Indonesia
	Michelle Fong	College of Business, Victoria University, Melbourne, Australia
15.	Siti Sarah Razak	Institute of Islamic Banking and Finance, International Islamic University Malaysia
	Buerhan Saiti	Istanbul Sabahattin Zaim University, Istanbul, Turkey
	Yusuf Dinc	Do
16.	Dr. Auwal Adam Sa''ad	Currently works as Assistant Professor, IIUM Institute of Islamic Banking and Finance (IIiBF), International Islamic University Malaysia.
	Dr. Uzaimah Bt Ibrahim, Jr.	She is a Member of Shariah Advisory Boards of Bank Islam Malaysia Berhad.
	Dr. Muhammad Deen Mohd Napiah	Currently serves as an Assistant Professor at Ahmad Ibrahim Kulliyyah of Laws at the International Islamic University Malaysia.
17.	Mohd Bahroddin Badri Dr. Said Adekunle Mikail	Islamic Shariah Research Academy (ISRA), Kuala Lumpur, Malaysia.
18.	Davood Manzoor	
	Majid Karimirizi	
	Ali Mostafavisani	
19.	Saiful Azhar Rosly	Dr Saiful Azhar Rosly is a supervising Professor for Islamic Economics, Islamic Finance, and Islamic Banking at INCEIF.
	Mahmood M. Sanusi	International Centre for Education in Islamic Finance (INCEIF), Kuala Lumpur, Malaysia
20.	Salman Syed Ali	Islamic Research and Training Institute, Islamic Development Bank
21.	Mohd Yahya Mohd Hussin Fidlizan Muhammad	Lecturer, Department of Economics, Faculty of Management & Economics, Universiti Pendidikan Sultan Idris, Tanjong Malim, Perak. Lecturer,
	Salwa Amirah Awang	Department of General Studies, Politeknik Sultan Azlan Shah, Behrang Stesen, Perak
	Ahmad Azam Sulaiman @Mohamad	Lecturer, Department of Syariah and Economics, Academy of Islamic Studies, Universiti Malaya, Kuala Lumpur
22.	Abdul Rahman Ateeyah Sharif	Institute of Islamic Banking and Finance (IIiBF), International Islamic University Malaysia IIUM, Malaysia
	Adam Abdullah, PhD	Associate Professor, Institute of Islamic Banking and Finance (IIiBF), International Islamic University Malaysia IIUM, Malaysia
23.	Remali Yusoff	Prof. Madya Dr. Remali Yusoff is Senior Lecturer, Faculty Business, Economics and Accountancy, Universiti Malaysia Sabah (UMS).
	Nor' Azurah Md. Kamdari	Senior Lecturer, Faculty of Business and Management, Universiti Teknologi Mara Cawangan Johor.
	Shaherah Abdul Malik,	Senior Lecturer, Faculty of Business and Management, Universiti Teknologi Mara Cawangan Johor.

SI.	Contributor(s)	Position
24.	Rafisah Mat Radzi,	Senior Lecturer, Universiti Sains Malaysia
	Amir Shaharuddin	Associate Professor, Universiti Sains Islam Malaysia
25.	Abdul Ghafar Ismail	Islamic Research and Training Institute, Islamic Development Bank, KSA
26.	Engku Rabiah Adawiah Engku Ali Syed Marwan Mujahid Syed Azman Nor Razinah Mohd Zain Rusni Hassan	All belong to: IIUM Institute of Islamic Banking and Finance, International Islamic University, Malaysia
	Salina Kassim,	
27.	Muhd Ramadhan Fitri Ellias	PhD (Law of Islamic Finance), Executive Vice President & Head of Shariah Management at Maybank Islamic Berhad, Malaysia.
	Muhamad Nasir Haron, Ahmad Firdaus Kadir and Nur Hidayah Salim	Researcher of Shariah Management at Maybank Islamic Berhad, Malaysia. Researcher of Shariah Management at Maybank Islamic Berhad, Malaysia. Manager of Corporate & Investment Banking at Maybank Islamic Berhad, Malaysia.
28.	Pegah Zolfaghari	PhD student in private law, Shahid Beheshti University of Iran, Visiting researcher at Uppsala University, Sweden in 2017, p_zolfaghari@sbu.ac.ir
S1.	Contributor(s)	Position
29.	Ahmed Abdirahman Herzi	Universiti Sains Islam Malaysia
30.	Sultan Emir Hidayat	?
31.	Monzer Kahf	Research Economist, Islamic Research and Training Institute, Islamic Development Bank, Jeddah, Kingdom of Saudi Arabia
32.	Andreas Jobst	World Bank
	Amadou N. R. Sy	International Monetary Fund
	Peter Kunzel	International Monetary Fund
	Paul S. Mills	Do
33.	Iraj Toutounchian	Associate Professor of Economics, Az-Zahra University & Senior Research Economist, Iran Banking Institute, Tehran, Iran.
34.	Fiona Lamari	School of Civil Engineering and Built Environment, Science and Engineering Faculty, Queensland University of Technology, Brisbane, 4000, Australia.
	Ayomi Dita Rarasati Meilia Evita	Civil Engineering Department, Faculty of Engineering, Universitas Indonesia, Depok, 16424, Indonesia
35.	Golzare Nabi	Bangladesh Bank, Central Bank of Bangladesh
	Md. Aminul Islam, PhD	Universiti Malaysia Perlis, Malaysia
	Rosni Bakar, PhD	Do
36.	Dian Handayani	Polytechnic of State Finance STAN, Ministry of Finance, Indonesia Polytechnic of
	Eko Nur Surachman	State Finance STAN, Ministry of Finance, Indonesia
37.	Omamah Ameen B Barqawi	?

SI.	Contributor(s)	Position
38.	Mohammed Waleed Alswaidan	University of Portsmouth
	Arief Daynes	Do
	Paraskevas Pasgas	Do
	Irni Yunita	Padjadjaran University
39.		
40.	Sajjad Jaheer	Amsterdam School of Economics, University of Amsterdam, The Netherlands
	Sweder Van Wigenberge	Amsterdam School of Economics, University of Amsterdam and Tinbergen Institute, The Netherlands
41	Abu Umar Faruq Ahmad	Assoc Prof, Islamic Economics Institute, King Abdulaziz University
	Aishath Muneeza	Professor, <u>International Centre for Education in Islamic Finance</u> , Kuala Lumpur, Malaysia
	Rashedul Hasan	Lecturer, School of Economics, Finance and Accounting, <u>Coventry University</u> , <u>Faculty</u> of <u>Business &amp; Law</u>
42.	Mostafa Mohd Hanefa	Universiti Sains Islam Malaysia
	AkhiroNoguchi	Nagoya University
	Muhammad Muda	Universiti Sains Islam Malaysia
4.3	Nader Naifar	Department of Finance and Investment, College of Economics and Administrative Sciences, Al Imam Mohammad Ibn Saud Islamic University, Saudi Arabia & Higher Institute of Business Administration of Sfax (ISAAS), University of Sfax, Tunisia.
	Shawkat Hammoudeh c,d	Lebow College of Business, Drexel University, Philadelphia, United States & IPAG LAB, IPAG Business School, Paris, France.
44.	Mohamed Benaicha Bandar Mohammed Saif Qasem Anas Abdulkadir Abubakar Kassim	International Islamic University Malaysia (IIUM)

# **Readings in Sukuk: Concept and Operation**

# **Table of Contents**

	Page
List of the Contributors	iii
Table of Contents	vii
Introduction	x

# PART I SUKUK: AN OVERVIEW

Cha	Chapter 1: An Introduction to Sukuk	
1.	Sukuk as a Financial Asset: A Review By Mohammed Sawkat Hossain	05-22
2.	From "Asset-backed" to "Asset-light" Structures By Rafe Haneef	23-36
3.	Sukuk Securities and Conventional Bonds: Evidence of Significant Differences <i>By</i> Mohamed Ariff, Meysam Safari and Shamsher Mohamed.	37-52

Chapter 2 Historical Development of Sukuk		53-84
	Evolution in the Sukuk (Islamic Bonds) Structure: How do Market Demands and Shariah	
1.	Solutions Shaped it By Rafisah Mat Radzi	55-66
2.	Sukuk Historical Development and Outlook	
	<i>By</i> Thomson Reuters	71-74
	Development of Sukuk Ijarah in Malaysia	
3.	By Mohd Yahya Mohd Hussin, Fidlizan Muhammad, Salwa Amirah Awang, Ahmad Azam	75-84
	Sulaiman@Mohamad	75 04

Chapter 3 Classification of Sukuk		85-142
1.	Are Sukuk Debt or Equity: A Classification of Sukuk by Regulatory Bodies	87-96
	By Rafisah Mat Radzia, Nurul Aini Muhamed Rafisah	
2.	Contractual Structures and Payoff Pattern of Sukuk Securities	97-120
	<i>By</i> Meysam Safari	
3.	Sukuk Securities, Definition, Classification and Pricing Issues	121-142
	By Mohamed Ariff, Meysam Safari and Shamsher Mohamad	

# PART II FRAMEWORK FOR SUKUK ISSUANCE

Ch	Chapter 4: Shariah Rules for Sukuk	
1.	Selected Shariah Issues in Sukuk Structures - A Comparative Approach <i>By</i> Muhamed Benaicha	147-160
2.	Shariah Issues Relating to An Islamic Security Sukuk (2016) Erisa Langari Zadeh	161-168
3.	Shariah Contracts Governing Debt Based Sukuk By Adam Awal Sa'ad	169-178
4.	Shariah Principles of Sukuk Structure in Islamic Capital Market By Norela Kamaluddin, Siti Khadijah Ab. Manan, Fadzlan Sufian, Shila Nu Nu Htay	179-186

Ch	Chapter 5: Framework for Sukuk Issuance	
1.	Development of Sukuk: Pragmatic and Idealist Approaches to Sukuk Structures <i>By</i> Abdullah Saeed & Omar Salah	189-208
2.	Developing financial disclosure quality in sukuk and bond market: Evidence from Malaysia, Indonesia and Australia <i>By</i> Ibnu Qizam, Michelle Fong	209-236
3.	Sukuk: A critical Assessment of the Contracts, Structures and Pricing Mechanisms <i>By</i> Siti Sarah Razak, Buerhan Saiti, Yusuf Dinc	237-256

# PART III STRUCTURING SUKUK BY SHARIAH CONTRACTS

Chapter 6: Sale-Based Sukuk		257-304
1.	Murabahah Sukuk Structure - The Shariah Challenges and the Way Forward	
	By Auwal Adam Sa"ad, Uzaimah Bt Ibrahim, and Muham	261-264
2.	Istisna Sukuk- A Preliminary Glimpse	
	Islamic Shariah Research Academy, ISRA	265-268
3.	Financing infrastructure projects based on risk sharing model - Istisna Sukuk	
	By Davood Manzoor, Majid Karimirizi, Ali Mostafavisani	269-280
4.	Sukuk al- Salam	281-286
	Dubai International Financial Centre	
5.	The Application of Bay' Al-'Inah and Bay' Aldayn In Malaysian Islamic Bonds An	
	Islamic Analysis	287-304
	By Saiful Azhar Rosly & Mahmood M. Sanus	

Cha	Chapter 7 Lease-Based Sukuk	
1.	Introduction to Ijarah Sukuk: Current Structures and Future Prospects	307-320
	By Salman Syed Ali, Extract from Salman Syed Ali	
2.	Development of Sukuk Ijarah in Malaysia	321-328
	<i>By</i> Mohd Yahya Mohd Hussin	
3.	Impact of Time Value of Money Theory in Ijarah Sukuk Genuinenes - The Case of	
	Bahrain and Malaysia	329-338
	By Abdul Rahman Ateeyah Sharif & Adam Abdullah	

Ch	Chapter 8 Partnership-Based Sukuk	
1.	The Contract of Sukuk Al-Musharakah and Sukuk Al-Mudharabah in Islamc Commercial Law - A Comparative and Applicaton Analysis for Waqf <i>By</i> Remali Yusoff, Nor' Azurah Md. Kamdari, Shaherah Abdul Malik	341-352
2.	The Idealization of Risk-Profit Sharing in Partnership -Based Sukuk (Islamic Bonds) 'Why' Sukuk Are Experiencing Default <i>By</i> Rafisah Mat Radzi, Amir Shaharuddin	353-366
3.	Public Private Partnerships - Lesson from Sukuk By Abdul Ghafar Ismail	367-382

33.

Chapter 9 Agency-Based Sukuk		383-400
1.	Potential Development of SRI Sukuk Models for Higher Learning Institutions in	
	Malaysia based on Wakalah and Waqf	385-400
	By Engku Rabiah Adawiah Engku Ali, Syed Marwan Mujahid Syed Azman, Nor Razinah Mohd	
	Zain, Rusni Hassan, Salina Kassim	

# PART IV:SUKUK STRUCTURING BASED ON COMMERCIAL AND TECHNICAL FEATURES

Chapter 10 Perpetual, Convertible and Exchangeable Sukuk		401-448
1.	Perpetual Sukuk: A Preliminary Shariah Assessment By Muhammad Ramadhan Fitri Ellias, Muhamad Nasir Haron, Ahmad Firdaus Kadir, Nur Hidayah Salim	405-426
2.	An Introduction to Islamic Securities with Special Reference to Hybrid, Convertible and Exchangeable Sukuk <i>By</i> Pegah Zolfaghari	427-448

Ch	Chapter 11 Asset-Based and Asset-Backed Sukuk	
1.	A Comparative Study of Asset Backed Sukuk from the Shariah Compliance Perspective <i>By</i> A A Herzi	451-458
2.	A Comparative Analysis between Asset-Based vs. Asset-Backed-Sukuk - Which One is More Shariah Compliant? <i>By</i> Sultan Emir Hidayat	459-466

# PART V SUKUK FOR GOVERMENT AND CORPORATE FINANCING

Chapter 12 Sovereign Sukuk		467-514
1.	The Use of Assets Ijara Bonds for Bridging the Budget Gap By Monzer Kahf	471-482
2.	Islamic Bond Issuance - What Sovereign Debts Managers should Know By Andreas Jobst, Peter Kunzel, Paul Mills, and Amadou Sy	483-496
3.	Resource Mobilization for Government Expenditures through Islamic Modes of Contract the Case of Iran <i>By</i> Iraj Toutounchian	497-514

Ch	Chapter 13 Corporate Sukuk	
1.	An Exploratory Study of Sukuk Utilisation for Transportation Infrastructure in Indonesia By Fiona Lamari, Ayomi Dita Rarasati, and Meilia Evita	517526
2.	Examinig Potentials of Sukuk in Financing Infrastructure Projects in Bangladesh <i>By</i> Golzare Nabi, Md. Aminul Islam, and Rosni Bakar	527-542
3.	Sukuk Negara as Financing Strategy for Renewable Energy Infrastructure Case Study of Muara Laboh Geothermal Power Project <i>By</i> Dian Handayani1, Eko Nur Surachman	543-558

### PART VI SUKUK MARKET RISK, DEFAULT AND THE WAY FORWARD

Ch	Chapter 14 Managing Risk with Sukuk	
1.	The risk of Sukuk (Islamic bonds) and conventional bonds comparative study <i>By</i> Omamah Ameen B Barqawi	563-582
2.	Understanding and evaluation of risk in Sukuk structures By Mohammed Waleed Alswaidan, Arief Daynes, Paraskevas Pasgas	583-598
3.	The Development, Scheme, Risk and Fair Market Value Model of Sukuk Ijarah and Mudharabah in Indonesia <i>By</i> Irni Yunita	599-610

Ch	Chapter 15 Sukuk Default and Restructuring	
1.	Sukuk Defaults: On Distress Resolution in Islamic Finance By Sweder Van Wigenbergen & Sajjad Jaheer	613-644
2.	Post-Default Sukuk Restructuring: An Appraisal of Shariah Issues By By Abu Umar Faruq Ahmed, Aishath Muneeza, Mohammad Omar Farooq and Rashedul Hasan, Management of Islamic Finance Principle	645-658

Chapter 16 Sukuk: Issues, Challenges and Future Direction		<b>659-</b> 720
1.	Sukuk, Global Issues and Challenges By Mostafa Mohd Hanefa, AkhiroNoguchi, Muhammad Muda	661-670
2.	Do global financial distress and uncertainties impact GCC and global sukuk return dynamics? <i>By</i> Nader Naifar, Shawkat Hammoudeh	671-688
3.	Sukuk in Focus: The Necessity for Global Common Practices By Deloitte Islamic Finance & ISRA	689-720

# Introduction

Innovations in Sukuk and their application, as the latest capital market instruments added to the policy dynamics of Islamic Economics and Finance, are of the origins dated back to Middle Age and reemerged and reintroduced in Nineties of the Twentieth Century. The last quarter of Twentieth and the first quarter of Twenty First Century have witnessed dreadful evidences of FC crash, Dot.com crisis and the longest ever recession of 2007-09 financial crisis ended with trillions of dollars of global GDP loss, massive bank failures and costly bailouts of the collapsed financial institutions from public exchequers being the global feature. Emergence of Islamic banking and financial institutions was thought to be a way out of the repeated collapse of interest-based conventional financial system. Development of sukuk provided an added ray of hope in coming out from theoretical and practical ramifications of conventional interest-based financial system. *Readings in Sukuk: Concept and Operation* attempts to present a structured thought and practices of the Islamic capital market instruments with a view to check their validities in terms of risk, rules, regulations and governance from the viewpoint of Shariah and its maqāşid.

Need for developing a reading series on Sukuk is justified with the same reasoning of developing other readings materials on Islamic economics and finance. However, compared to the body knowledge developed on Islamic economics and banking during more than half a century starting from 1950s, conceptualization and operation of sukuk was rapid raising debates on their Sharīah validity in some of the cases. The current readings series on Sukuk tries to address adequately as much as possible.

### A. Structure of the Readings Series-6

Previous series including this one are prepared following stylish standard syllabuses fit to the requirements of appropriate university level curricula particularly meant for undergraduate and graduate studies. The current series is comprised of sixteen chapters divided into six parts. Contents placed under each part and chapter vividly reflect depth and breadth, and structure of the reading series.

Readings in Sukuk: Concept and Operation, like other ones in the series, is a compilation of judiciously selected professional articles published in journals of international repute. While selecting the articles for a chapter from among host of similar articles, due attentions have been paid to authority of the author as well as standard and reputation of the journals in which these are published. An overview on the structure of the book below may provide instant sense of what the book is all about.

The book is consisted of six parts: Part I: Sukuk: An Overview; Part II: Framework of Sukuk Issuance; Part II: Structuring Sukuk by Shariah Contracts; Part IV: Sukuk Structuring Based on Commercial and Technical Features; Part V: Sukuk for Government and Corporate Financing, and Part VI: Sukuk: Market Risk, Default and The Way Forward.

#### **B. B. Contents Covered**

#### I. Sukuk: An Overview

Part-I, comprised of chapter 1& 2 of this Readings Series, starts with an introduction to sukuk and its historical development followed by classification of sukuk.

#### Introduction to sukuk

Obiyathulla Ismath Bacha (2002) explains that the Islamic Capital Market is formed and structured based on five main operational principles that is to prevent practice of usury, share risks, avoid events of speculation, equalize the *aqd* with the subjected contract and activities carried out must be legal from the Shariah perspective. In brief, Islamic capital market refers to a market in which activities are done through ways that are not contradicting with the principles of Islam.

Hossain, M. S. (2018) provides a systematic review of the existing literature on the pertinent qualitative and quantitative studies on sukuk mainly to identify the unknown research issues on sukuk and evaluate them in the context of corporate finance. Sukuk is ideally introduced as a new class of financial asset in the global financial market since 2002, he mentions. Haneef, R. (2009) attempts to trace the market development of *şukûk* structures from "asset-backed" to "asset-based" and "asset-light". He highlights how over time the requirement of having tangible assets to support *şukûk* structures became diluted as the Shari'ah standards became more liberal in their interpretation of these structures. Ariff et al (2013) reports their findings from the study objective to determine whether securities issued by the same issuer i.e. with the same risk class, for the same period of time i.e. for the same duration or maturity, as ethical Islamic *sukuk* certificates and conventional bonds traded in the same market in Malaysia provide similar yields to maturity. In case the yields are the same for identical securities from both types, one may conclude that the existing valuation model for conventional bonds may be applicable also for such Islamic products i.e. *sukuk*, and that the two instruments are the same.

#### Historical development

*Sukuk* market has been exceptionally innovative since being first introduced in 1990 to the financial market. A basic requirement for *Shariah* compliance of any *sukuk* structure is that it shall be backed by tangible assets. Radz, R. M. (2018) describes in his study the changes in the *sukuk* structure and particularly in terms of from asset-backed to asset-based and ultimately to a blended *sukuk* structure. This development is mostly associated with the problem of insufficient physical assets when issuers demand to tap funds available in the Islamic financial market. In the meantime, *Shariah* requirements and solutions offered by *Shariah* advisors also play a role in shaping the issued *sukuk* structure. The financial community adopted and refined the concept of *sukuk* and expanded its scope to incorporate a wide range of commercial and financial activities.

Sukuk still depends heavily on government issuance to prop up markets. Corporations have recently tapped into the sukuk market to benefit from the high demand from Shariah-compliant investors and opportunistic buyers looking for diversification with good credit ratings and attractive yields (Ansari, R. 2017).

#### Classification of Sukuk

While theoretically, *sukuk* are not interest-bearing instruments while conventional bonds are, much debate has arisen on the nature of this instrument in practice. Renowned *Shariah* scholars back these concerns. According to Mohammad Taqi Usmani, practices of issuing *sukuk* replicate the structure of conventional bonds in terms of the lack of ownership, right to a fixed return, and the guarantee of repayment of the principal, thus in fact making most *sukuk* un–Islamic (Usmani, 2007). Some innovations which try to achieve the same economic outcome as conventional instruments resulted in *sukuk* structures being

commonly criticized as deviations from Islamic finance. The issue here is the tension between legalistic forms and ignoring the substance of Islamic law (Abdullah, 2018).

Safari, M. (2013) proposes a classification for  $Suk\bar{u}k$  contracts as pure debt, equity-based, and asset-backed based on the intrinsic nature and purpose of fund-raising. This classification has more practical use compared to existing classifications. Further, the contract peculiarities of the six instruments (*mudārabah*, *mushārakah*, *murābahah*, *ijārah*, *salam*, and *istisnāh*) are carefully specified for the first time. To start a discussion on how the economic behavior may be modeled for theory building, the potential cash flow pattern of each type of  $Suk\bar{u}k$  contracts is specified in terms of basic behavioral characteristics.

Ratziz, R. M. & Muhamrd, N. A. (2019) emphasize review of the demand for a proper classification of *sukuk* from regulatory bodies and credit rating agencies, given that some contentious issues remain concerning the status of *sukuk* as debated in the literature and following default. They examine also to what extent the innovations in this Islamic instrument make it differ substantially from conventional bonds in practice.

#### II. Framework for Sukuk Issuance

#### Shariah Rules for Sukuk

Benaicha, M. et al (2019) explore the extent of Shariah compliance in the contracts underlying sukuk structures and their conformity to the objectives behind such contracts. It can be done by exposing the prevalent opinions to a magasid matrix to judge their validity. The Shariah issues underlying sukuk structures are divided into four primary issues that pertain to a certain category of sukuk or most sukuk regardless of the category and focus on the most important and prevalent issues as identified by Islamic economists, jurists and other researchers. The most important findings are that the issues as they relate to important principles and elements of mu'âmalât or Islamic contracts law exist and are real including, but not limited to: possession and legal or beneficial ownership of assets, the debt nature of sale-based sukuk, lack of PLS considerations, and the loss of contact with the real economy. The literalists approach does not incorporate Shariah objectives as ideal standards for sukuk structuring, and similarly, the alternative approach features reductionist tendencies to certain principles. Their research provides a theoretical basis on which to judge, from an objective perspective, sukuk issuances and so does not provide practical steps to implementation. Their study, as they claim, takes a much-needed comprehensive look at sukuk structuring in light of the means and objectives of the structuring practice and is expected to provide an original dynamic alternative for scrutinizing structuring practice. Thereby, they recommend that a gradual transition to realizing all of the objectives highlighted if possible, and if not that an attempted transition to pure asset/equity- based sukuk setups, not be radical and trigger a frenzied flight to interest-based bonds for financing purposes since the demand for equity arrangements is quite limited and segmented as in Khan (1995). The feasibility of non-equity sukuk and acceptance is much greater for a slew of reasons and any sort of radical change may bring about unwarranted consequences such as losing the currently developed customer base. Alternatively, PLS-based financing may be adopted on a wider scale – since it is more morally ideal than debt – while maintaining limited risk levels by diversifying which reduces the risk of individual assets/projects. Moreover, a gradual move towards PLS arrangements bypasses the collateral requirement which may even give sukuk higher rating as in conventional banking in which a firm gets financing by virtue of its collateral. This may direct investors' attention away from rating towards efficiency of the issuer or underlying asset as is also discussed in (Chapra, 1985; Benaicha, 2019. ibid).