

# Call for Book Chapter

## Blockchain 3.0 for Sustainable Development



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#### Introduction

The book will focus on the applications of blockchain 3.0 for sustainable development. This book provides an understanding of blockchain and its 1.0, 2.0, and 3.0 versions. This book will also cover how the blockchain technique is useful for sustainable development. This book has two parts:

**Part-I** covered the application of the blockchain 1.0 and 2.0 for supply chain management based business. This book is also covered blockchain 3.0 application for art, health, science, identity, governance, education, public goods, and various aspects of culture and communication. The book provides compressive studies about the architecture of blockchain technology, distributed data storage, peer-to-peer transmission, a consensus mechanism, encryption algorithms, and smart contracts which will be very useful for sustainable development for architectural design and smart buildings, healthcare services and systems, affordable, and sustainable green and clean energy, sustainable development in agriculture, accurate forecasts of air pollution levels through fog computing and sustainable learning etc. This part will be also delivered the utility of the blockchain for the energy sector including the generation, transmission, distribution, utilization, storage of the energy to speed, scale and security for smart grid resilience.

**Part-II** covered the case studies, which shows the opportunities for the blockchain-based hybrid approaches for sustainable development and also provides the guidance to redesigning of the organization.

#### Tentative Topics (But not limited)

- Blockchain 3.0 for Architectural design and smart buildings
- Blockchain 3.0 for healthcare services and systems
- Blockchain 3.0 for affordable, and sustainable green and clean energy
- Sustainable Development in Agriculture Business Using Blockchain 3.0
- Blockchain 3.0 for Financial technology development.
- Accurate Forecasts of Air Pollution Levels Through Fog Computing and Blockchain 3.0
- Sustainable Learning by using blockchain 3.0.
- Case Studies for Sustainable development using a hybrid approach

**Keywords:** Blockchain 3.0, Sustainable Development, Data Analytics, Artificial Intelligence, Applications

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#### Submission Procedure

Authors must submit their manuscript on the EasyChair account

Link: <https://easychair.org/conferences/?conf=abfsd2020>