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5G, Cybersecurity and Privacy in Developing Countries

Editors:

Knud Erik Skouby, Aalborg University, Denmark

Prashant Dhotre, MITADT University, India

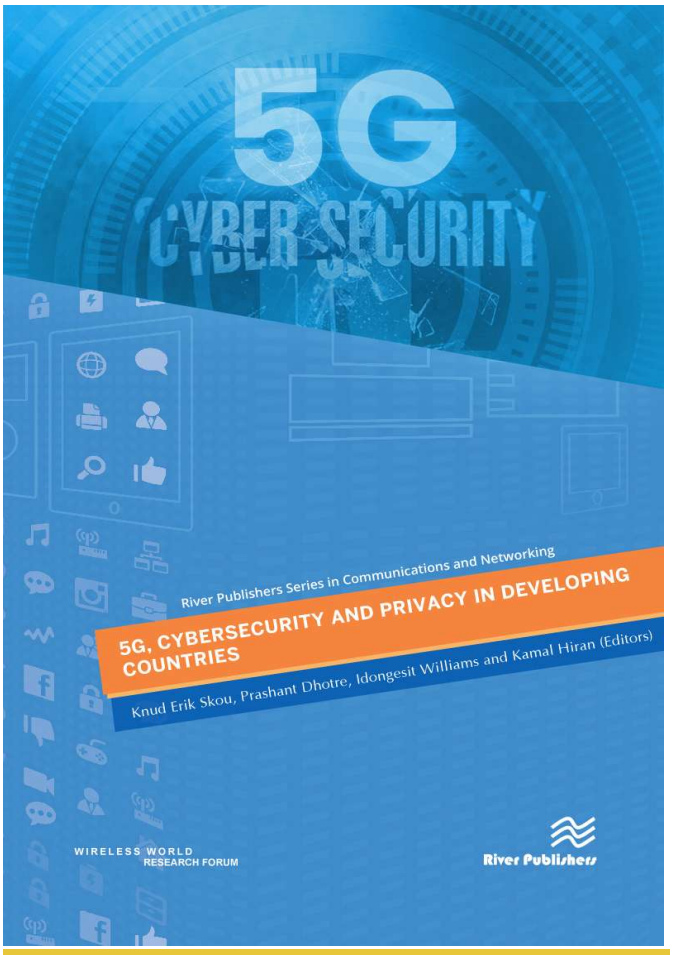
Idongesit Williams, Aalborg University, Denmark

Kamal Hiran, Sir Padampat Singhania, University, India

5G, the emerging technology in mobile communication, is expected to deliver an important and decisive impact on several of the UN's Sustainable Development Goals where universal accessibility to ICTs remains a serious concern. However, cyber security has emerged as a serious challenge, not least because of the increased accessibility and broader usage with associated vulnerability. Developing countries have additional challenges associated with both the expected faster build-up of accessibility and lack of qualified competencies within cyber security. Discussion of these challenges is the overall theme and motivation for this book.

Technical topics discussed in the book include:

- 5G in rural networks
- Critical infrastructures
- Open RAN
- Protection of privacy
- Cybersecurity and machine learning
- Cybersecurity and disaster monitoring



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marketing@riverpublishers.com