

---

# **Cloud-Driven Policy Systems**

---

**Editors:**

Dr.M. Irshad Ahamed

Dr. Kalpana Pawase

**Copyright © 2023**

*All rights reserved.*

*Periodic Series in Multidisciplinary Studies*

**ISSN:** 3107-5339

**Title of the book:** *Cloud-Driven Policy Systems*

**ISBN:** 978-81-987581-4-9

**DOI:** 10.70102/PS/V1

**Volume:** 1

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means—electronic, mechanical, photocopying, recording, or otherwise—without the prior written permission of the copyright owner and the publisher.

This book is a part of the "**Periodic Series in Multidisciplinary Studies**", designed to showcase interdisciplinary research and academic contributions from various fields including science, humanities, technology, education, and more.

The goal of this series is to create a platform for both established and emerging scholars to present their findings in a way that transcends traditional academic silos. By promoting interdisciplinary collaboration and integrated thinking, the series contributes to the advancement of knowledge and the resolution of complex global challenges that require multi-perspective approaches. We believe that sharing diverse voices and research methodologies can catalyse meaningful progress across fields and foster a more informed and connected scholarly community.

This volume offers unique insights and case studies contributed by experts and researchers from around the world. Each chapter reflects the authors' individual perspectives and scholarly expertise. Readers are encouraged to engage critically with the content, reflect on the findings, and explore how these insights may apply to their own fields of interest or professional practice.

**Disclaimer:**

The views and opinions expressed in this volume are those of the individual authors and do not necessarily reflect the official policy or position of the publisher or editors. The publisher and editors have made every effort to ensure the accuracy of the information contained in this publication; however, they assume no responsibility for errors or omissions, or for any consequences arising from the use of the information contained herein.

# Preface of the Series

---

The world is changing fast, and technology is playing a big part in how decisions are made today. One important change is the use of cloud computing in creating and managing policies. Cloud systems help governments, organizations, and businesses make better, faster, and more organized choices.

This series, **Cloud-Driven Policy Systems**, looks at how cloud technology is being used to support policy-making in different areas like public services, health, education, and more. Each book in the series will explain the ideas, tools, and real-life examples of how cloud systems help in planning and managing rules and decisions.

The goal of this series is to make these topics clear and useful for readers — whether you are a student, a professional, or just someone interested in how technology shapes our world.

As the editor, I thank all the writers and experts who made this work possible. I hope this series helps you learn more about this exciting and important topic.

# **Editor of the Series**

---

**Dr.M. Irshad Ahamed,**

E.G.S. Pillay Engineering College, India.

irshadahmed@egspec.org

**Dr. Kalpana Pawase,**

MIT Academy of Engineering, India.

kalpana.pawase@mitaoe.ac.in

# TOC

<b>Chapter No.</b>	<b>Title</b>	<b>Page No.</b>
I	<b>Cross-Sectoral Collaboration for Climate Action Utilizing Cloud Analytics and Artificial Intelligence</b> Dr. Anaya Menon and Karthik Srinivas	1-6
II	<b>Integrating Cloud Computing and AI for Real-time Disaster Response and Climate Resilience Planning</b> Dr. Meera Choudhary and Dr. Raghav Deshmukh	7-12
III	<b>Cloud-powered Governance: Enhancing Transparency and Decision-making through Data-driven Public Policy</b> Dr. Sahana Iyer and Dr. Neelabh Trivedi	13-18
IV	<b>Leveraging Cloud Data and AI for Evidence-based Public Policy Formulation in Smart Cities</b> Ishita Narang and D. Kulkarni	19-24
V	<b>Multidisciplinary Approaches to Climate Change Monitoring Using Cloud-based Environmental Data Systems</b> Veena Shah and Dr. Tanmay Bansalm	25-31