

## Environmental Engineering

**Author :** M.P. Poonia

**ISBN 13 :** 978-93-90779-07-9

**ISBN 10 :** 93-90779-07-3

**E-ISBN 13 :** 978-93-90779-07-9

**Edition :** Second

**Pages :** 500

**Type of book :** Paperback

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**Price :** Rs 399.00

**Categories :** [All book](#), [Environmental Engineering](#), [New Arrivals](#)

**Condition Type :** New

**Country Origin :** India

### Product Description

Environmental Engineering

### Table of Contents

Environmental Engineering



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

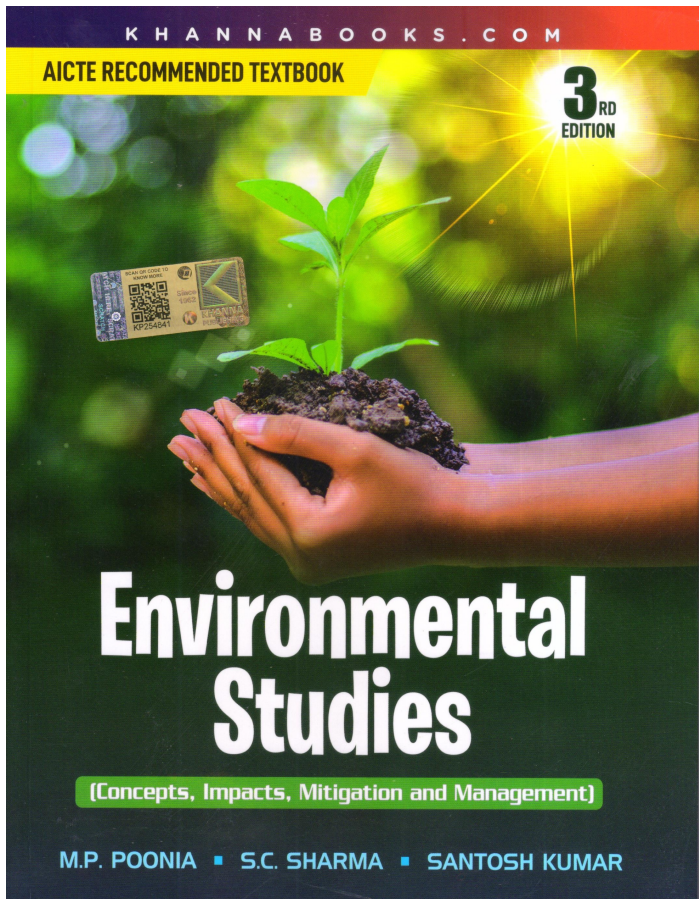
## Author

---

**M.P. Poonia** Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata). Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company. **S.C. Sharma** S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects. **Santosh Kumar** Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).</p>

---





## Environmental Studies

**Author :** M.P. Poonia

**ISBN 13 :** 978-93-90779-02-4

**ISBN 10 :** 93-90779-02-2

**E-ISBN 13 :** 978-93-90779-02-4

**Edition :** Third

**Pages :** 536

**Type of book :** Paperback

**Weight (g) :** 5

**Year :** 2024

**Language :** English

**Publisher :** Khanna Publishing House

**Price :** Rs 380.00

**Categories :** [All book](#), [Computer Science](#), [Engineering](#), [Environmental Engineering](#), [New Arrivals](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

Environmental degradation has been major concern since past few decades, because of economic growth and development across the world has caused major impacts on the Earth's ecosystems and natural resources to an extent that can limit the well-being of future generations. India has recently started realizing the importance of environmental and the environmental education. Following the 2001 Supreme Court directive, the environmental education has been or is being included in the curriculum right from the school stage to College/University level. This book covers the syllabi of all Indian Technical Universities and other Universities for different disciplines, may it be in the name of environmental studies, environmental science. ecology or natural resource management. This book is written to bring about an awareness of a variety of environmental concerns and deals form concepts through impacts, mitigation auto management.

## Table of Contents

1. An Introduction - Multi-Disciplinary Nature of Environmental Studies 2. The Earth and the Biosphere (The Earth Sciences) 3. Ecology 4. Ecosystems 5. Biodiversity and its Conservation 6. Natural Resources 7. Forest Resources 8. Water Resources 9. Mineral Resources 10. Land (Soil) Resources 11. Energy Resources 12. Food Resources 13. Environmental Pollution (Hazards and Control) 14. Waste Management 15. Disaster Management 16. Social Issues 17. Environmental Challenges 18. Human Population and the Environment 19. Resettlement and Rehabilitation (R&R) 20. Environmental Protection 21. Environmental Legislations 22. Environmental Impact Assessment (EIA) 23. Environmental Management and Environmental Management Plan 24. Field Work (Project Work) Exercise (Distinguishing, Short Answer Questions, Expansions, Fill in the Blanks, MCQs, True-False)



---

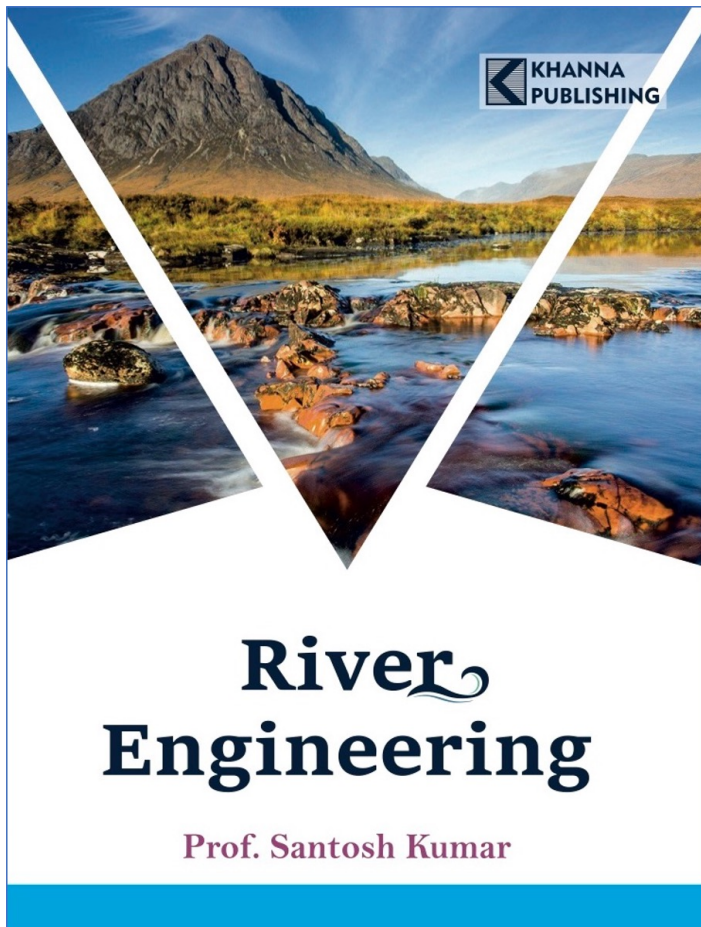
## Author

---

**M.P. Poonia** Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata). Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company. **S.C. Sharma** S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects. **Santosh Kumar** Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).</p>

---





## River Engineering

<b>Author :</b>	Santosh Kumar
<b>ISBN 13 :</b>	978-93-86173-79-9
<b>ISBN 10 :</b>	93-86173-79-4
<b>E-ISBN 13 :</b>	978-93-86173-79-9
<b>Edition :</b>	First
<b>Pages :</b>	264
<b>Type of book :</b>	Paperback
<b>Year :</b>	2021
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>Price :</b>	Rs 316.00
<b>Categories :</b>	<a href="#">All book</a> , <a href="#">Civil Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

This text book is designed essentially to meet the requirements of Undergraduate Engineering interested in Water Resources specialization. More particularly, the book shall help the field engineers involved with rivers understanding river's two function of transporting water as well as sediment. The book is divided in 3-major parts, viz. Basic Science of River flow, Sediment Transport and other topics like, Flood control, River Ganging, and River Trading.

The book on River Engineering containing large number of solved problems.

Simplified graphs

Chapter on River Ecology and Interlinking of Rivers.



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

PART I Chapter 1: River: The Great Source of Life 2: River Morphology 3: River Hydrology 4: River Hydraulics PART II Chapter 5: Sediment Characteristics 6: Initiation of Particle Motion (Also known as Threshold of Movement of Incipient Motion) 7: Bed Forms (Regime of Flow) 8: Resistance to Flow (Channel Roughness) 9: Estimation of Sediment Load 10: Sediment Measurement Techniques Part III Chapter 11: Methods of River Training 12: River Gauging 13: Flood & Flood Control 14: River Ecosystem 15: Interlinking of Rivers 16: River Modelling

---

## Author

---

**Santosh Kumar** Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

---

