# Contents

1 Introduction, Motivation and Approach ........................................ 1
   1.1 Motivation of the Study ............................................... 1
   1.2 Study Approach .................................................. 4
   1.3 Scope of the Study ............................................... 5
   References ............................................................ 5

2 Water Decentralization Experiences: A Literature Review ............... 7
   2.1 Background ..................................................... 7
   2.2 IWRM, Decentralization, and African Water Policies ............... 8
   2.3 Success and Failure Stories from Africa, with Focus on SADC Countries ........................................ 10
   2.4 Some Reflections Emerging from the Literature Review .......... 14
   References ............................................................ 15

3 Analytical Framework .......................................................... 17
   3.1 Theoretical Considerations .......................................... 17
   3.2 Hypotheses: Analysis of Variables ................................ 18
      3.2.1 Contextual Factors and Initial Conditions ............... 19
      3.2.2 Characteristics of the Decentralization Process .......... 20
      3.2.3 Characteristics of Central Government/Basin-Level Relationships and Capacities ............... 21
      3.2.4 The Internal Configuration of Basin-Level Institutional Arrangements ........................................ 23
   3.3 The Models ....................................................... 25
   References ............................................................ 25

4 Case Studies in Mozambique, South Africa, and Zimbabwe ............... 27
   4.1 Data Collection and Analysis .................................... 27
   4.2 Historical Context of the Three Studied Countries ............... 29
   4.3 Water Laws and Policies .......................................... 30
## 4. Comparative Analysis of the Basin Case Studies

4.5 Limitations of the Case Studies

References

## 5. Quantitative Analysis: Empirical Models and Data Collection Process

5.1 The Empirical Models

5.2 Data Collection Process

5.2.1 The Potential Final Set of Basins Included in the Study

5.2.2 The Administration of the Questionnaires

5.2.3 Quality Assurance Procedures

5.2.4 Variable Construction

References

## 6. Results of Quantitative Analysis

6.1 Descriptive Statistics

6.2 Inference of Our Hypotheses

6.2.1 Performance of Decentralization (Before and After)

6.2.2 Determinants of the Decentralization Process

6.2.3 The Decentralization Performance

References

## 7. Conclusions and Policy Implications

7.1 Decentralization Process

7.1.1 Contextual Factors and Initial Conditions

7.1.2 Characteristics of the Decentralization Process

7.1.3 Central Government/Basin-Level Relationships and Capacities

7.1.4 The Internal Configuration of Basin-Level Institutional Arrangements

7.2 Decentralization Performance

7.3 Policy Implications

References

---

Annex A: Application of the Analytical Framework to the Three Southern African Case Studies

Annex B: Major River Basins and River Basin Organizations in Sub-Saharan Africa

Annex C: Original Variables in the Dataset and Construction of Additional Variables
Annex D: Revised River Basin Organization (RBO) Questionnaire . . . 93

Annex E: Result Tables ........................................ 111

Annex F: Figures .................................................. 123
Water Governance Decentralization in Sub-Saharan Africa
Between Myth and Reality
Mutondo, J.; Farolfi, S.; Dinar, A.
2016, XII, 125 p. 3 illus., 2 illus. in color., Softcover
ISBN: 978-3-319-29420-9