

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

4.4	Comparative Analysis of the Basin Case Studies	31
4.5	Limitations of the Case Studies	33
	References	34
5	Quantitative Analysis: Empirical Models and Data Collection	
	Process	35
5.1	The Empirical Models	35
5.2	Data Collection Process	38
5.2.1	The Potential Final Set of Basins Included in the Study	38
5.2.2	The Administration of the Questionnaires	39
5.2.3	Quality Assurance Procedures	39
5.2.4	Variable Construction	40
	References	40
6	Results of Quantitative Analysis	43
6.1	Descriptive Statistics	43
6.2	Inference of Our Hypotheses	44
6.2.1	Performance of Decentralization (Before and After)	44
6.2.2	Determinants of the Decentralization Process	45
6.2.3	The Decentralization Performance	46
	References	47
7	Conclusions and Policy Implications	49
7.1	Decentralization Process	50
7.1.1	Contextual Factors and Initial Conditions	50
7.1.2	Characteristics of the Decentralization Process	51
7.1.3	Central Government/Basin-Level Relationships and Capacities.	51
7.1.4	The Internal Configuration of Basin-Level Institutional Arrangements	52
7.2	Decentralization Performance	52
7.3	Policy Implications	52
	References	54
Annex A:	Application of the Analytical Framework to the Three Southern African Case Studies.	55
Annex B:	Major River Basins and River Basin Organizations in Sub-Saharan Africa	69
Annex C:	Original Variables in the Dataset and Construction of Additional Variables	81

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