Real Estate Valuation Handbook

With Special Reference to Kenya

PAUL M. SYAGGA





Nairobi University Press

8. O. Box 30157
WAIRGIN

CONTENTS

Page

SECTION	1:	GENERAL PRINCIPLES OF VALUATION	
QT .		List of Statutes	viii
		Preface	xi
	1	Introduction	1
		1.1 Interests in Land	1
		1.2 Principal Types of Real Estate Property	8
		1.3 Demand for and Supply of Real Estate Property	11
		1.4 The Concept of Market Value	13
	2	Real Estate as an Investment	17
		2.1 Investment Characteristics of Real Estate	17
		2.2 Outgoings	23
		2.3 Capitalisation and Discounting Concept	26
	3	Methods of Real Estate Valuation	31
		3.1 History of Valuation	31
		3.2 Functions of the Valuer	33
		3.3 Methods of Real Estate Valuation	35
141		3.4 Depreciation	43
		•	
		3.5 Inflation	46
821158	4	Construction of Valuation Tables	51
		4.1 Yield	51
		4.2 Dual Rate Concept	52
		4.3 Single Rate Valuation Tables	54
		4.4 Dual Rate Tables	60
171		4.5 Mortgage Instalment Tables	66
		and the seal frame of the seal	
178			

CONTENTS

Page

SECTION 1: GENERAL PRINCIPLES OF VALUATION List of Statutes...... viii Preface Introduction..... 1 -Interests in Land 1.1 1 Principal Types of Real Estate Property 1.2 1.3 Demand for and Supply of Real Estate Property 11 1.4 The Concept of Market Value 13 2 Real Estate as an Investment 17 2.1 Investment Characteristics of Real Estate 17 2.2 Outgoings 23 2.3 Capitalisation and Discounting Concept 26 Methods of Real Estate Valuation..... 3 31 History of Valuation 3.1 Functions of the Valuer 3.2 33 Methods of Real Estate Valuation 3.3 35 3.4 Depreciation 43 3.5 Inflation 46 Construction of Valuation Tables..... 51 4.1 Yield 51 4.2 Dual Rate Concept..... 52 4.3 Single Rate Valuation Tables..... 4.4 Dual Rate Tables 60 4.5 Mortgage Instalment Tables 66

	5		uation of Freehold and Leasehold rests
		5.1	Freehold Interests 69
		5.2	
		5.3	Determination of Ground Rents and Premiums for Building Leases
		5.4	Extensions and Renewals of Occupation Leases 79
SECTION	N 2		ATUTORY AND SPECIAL PROPERTY LUATIONS
	6	Stat	utory Valuations 85
		6.1	Valuations for Rating 85
		6.2	Valuations for Compulsory Purchase 94
		6.3	Valuations for Rental Assessment
		6.4	Valuations for Wayleaves and Easements 111
		6.5	Other Statutory Valuations
	7	Non-	statutory Valuations 119
		7.1	Valuations for Mortgage 119
		7.2	Valuations for Development Properties 124
		7.3	Valuations for Insurance
		7.4	Valuations for Auctions
		7.5	Valuations for Shares
	8	Valua	tions of Special Properties 141
		8.1	Valuations for Business Enterprises 141
		8.2	Valuations for Petrol Stations
		8.3	Valuations for Cinemas
		8.4	Valuations for Hotels and Restaurants
		8.5	Valuations for Life Interests
SECTION	3:	VALU	JATION OF RURAL LANDS
	9	Valua	tion of Agricultural Properties 171
		9.1	Factors Affecting Rural Land Values 171
		9.2	Farm Assets
		9.3	Farm Infrastructure
		9.4	Farm Investment Appraisal
		9.5	Methods of Farm Valuations 184

vii

10	Valua	tion of Forest Lands	191
	10.1	Purposes of Forest Plantations	191
	10.2	Factors Affecting Forest Plantations	193
*	10.3	Methods of Forest Valuation	194
11	Valua	tion of Mineral Lands	201
	11.1	Types of Minerals	201
	11.2	Purposes of Valuing Mineral Lands	203
	11.3	Factors Affecting Value of Minerals	204
	11.4	Methods of Valuation	205
	11.5	Calculation of Royalty and Dead Rents	209
12	Inspe	ction and Report Writing	211
	12.1	Professional Responsibilities of the Valuer	211
	12.2	Need for Inspection	213
	12.3	Structure of the Report	215
Bibliography	•••••		219
Index.			227

LIST OF STATUTES

Kenya

Agriculture Act (Rev. 1967), Cap 318

Auctioneers Act (1962), Cap 526

Co-operative Societies Act (1972), Cap 490

Companys Act (1962), Cap 486

Electric Power Act (Rev. 1986), Cap 135

Estate Agents Act (1984), Cap 533

Estate Duty Act (1964), Cap 483

Forests Act (Rev. 1982), Cap 385

Government Lands Act (1970), Cap 280

Income Tax Act (1982), Cap 470

Land Adjudication Act. (1968), Cap 284

Land Acquisition Act (1968), Cap 295

Land Acquisition (Ammendment) Act, 1990

Land Consolidation Act (1964), Cap 283

Land Control Act (1967), Cap 302

Land (Group Representatives) Act (1970), Cap 287

Land Planning Act (1970), Cap 303

Landlord and Tenant (Shops and Hotels Catering

Establishment) Act (1979), Cap 301

Local Government Act (1963), Cap 265

Local Government Rating Ordinance (1928)

Local Government Regulations (1963)

Mining Act (Rev. 1972), Cap 306

Nairobi (Rating) Ordinance (1921)

Rating Act (1924), Cap 267

Registered Land Act (1963), Cap 300

Registration of Titles Act (1920), Cap 281

List of Statutes ix

Rent Restriction Act (Rev. 1982), Cap 296
Stamp Duty Act (1982), Cap 480
Surveys Act (1962), Cap 299
Transfer of Business Act (1962), Cap 500
Transfer of Property Act of India (1882), Applied Acts, Group 8
Trust Land Act (1962), Cap 288
Valuation for Rating Act (1956), Cap 266
Valuers Act (1984), Cap 532
Water Act (Rev. 1972), Cap 372

Tanzania

Acquisition of Buildings Act, 1971
Electricity Ordinance, 1931
Land Acquisition Act, 1962
National Housing Corporation Act, 1990
Rent Restriction Act, 1984
Town and Country Planning Ordinance, 1956
Urban Authorities (Rating) Act, 1983
Urban Water Supply Act, 1981

Uganda

Electricity Act
Land Acquisition Act, 1965
Local Government (Rating) Decree, 1979
Public Constitution, 1984
Urban Authorities Act
Water Works Act

Zambia

Land (Conversion of Titles) Act, 1975 Rating Valuation Act, 1976 Township Ordinance, 1929

Australia

Queensland's Rating Act Valuation of Lands Act

England

General Rate Act, 1967
Land Clauses Consolidation Act, 1945
Local Government Act, 1966
Parochial Assessment Act, 1836
Poor Rate Exemption Act, 1840
Poor Relief Act, 1601
Rating and Valuation Act, 1925
Sale of Crown Lands Act, 1649

PREFACE

This book was compiled with an objective of providing a textbook for valuation students and also as a reference material for practising valuers. Section 1 discusses the general principles of valuation in five chapters including real estate as an investment and methods of real estate valuation. Section 2 covers statutory valuations (rating, compulsory purchase, etc), non-statutory valuations (mortgage, insurance, etc) and special property valuations (business enterprises, petrol stations, cinemas etc). Section 3 contains four chapters. The first three chapters of this section discuss agricultural properties, forest lands, and mineral lands. The final chapter discusses the professional responsibilities of the valuer and the presentation of valuation reports.

Real Estate Valuation Handbook is based on my working and teaching experience spanning over a period of twenty years. I feel very much indebted to all those with whom I have professionally interacted during this period - valuers, fellow lecturers, and students. This interaction has sharpened my understanding of valuation and created an inquisitive mind that prompted me to write this book. I wish to in particular mention Saad S. Yahya and C.M. Pandya. Saad S. Yahya, Associate Professor of Land Economics, was my tutor for the undergraduate course, and subsequently Chairman of the Department of Land Development as well as Dean of the Faculty of Architecture, Design and Development when I joined the academic staff of the University of Nairobi. His role in developing my thought process is invaluable. C.M. Pandya of Milligan and Company was the Government Chief Valuer when I joined the valuation office. He initiated me into professional valuation ethics and instilled in me the art of the need to be fully prepared with proof of evidence when appearing before valuation courts and inquiries.

Two graduate research assistants who worked with me during the preparation of this book require special mention. L.M. Obala and E.O. Oduor, though newly qualified as land economists, did a commendable job to facilitate the production of the initial draft. I am equally indebted to Felister Gitau and Francesca Odero, both of them secretaries at the Housing Research and Development Unit (HRDU), University of Nairobi, for struggling with numerous bits and pieces of the original handwritten drafts, as well as subsequent corrections, before the manuscript was eventually accepted by the publishers.

Finally, I wish to express my thanks to the reviewer of the manuscript for pointing out the need to include sections on historical development of valuation, professional responsibilities of the valuer, and the need to make references to valuation practices in other East African countries. These suggestions have enriched the final output. More suggestions from readers will certainly be welcome.