

CONTENTS

PREFACE	6
CHAPTER 1 INTRODUCTION	8
CHAPTER 2 PRECIPITATION	36
CHAPTER 3 INTERCEPTION	80
CHAPTER 4 EVAPORATION	110
CHAPTER 5 GROUNDWATER	156
CHAPTER 6 SOIL WATER	196
CHAPTER 7 STREAMFLOW	232
CHAPTER 8 WATER QUALITY	278
CHAPTER 9 HYDROLOGY IN A CHANGING WORLD	324
REFERENCES	363
INDEX	392
ACKNOWLEDGEMENTS	400