TABLE OF CONTENTS

LIST OF TABLES

LIST OF ILLUSTRATIONS

ABBREVIATIONS AND SYMBOLS

α	=	$D^2_{before}/\sum D^2_{after}$
δ	=	Specific root density
β	=	Angle between subsequent link
AFS	=	Agroforestry system
BAAC	=	Bank of agriculture and agricultural co-operative
B.C ratio	=	Benefit cost ratio
B_t	=	Benefit at t-month
C	=	Carbon
CD	=	Crown depth
CEH	=	Crown edge height
CSA_{BD}	=	Basal cross sectional area
C_t	=	Cost at t-month
CW	=	Crown width
D	=	Diameter of canopy gap
D_0	=	Proximal root diameter
D_{after}	=	Diameter of root after branching
DB	=	Basal diameter
D_{before}	=	Diameter of root before branching
DBH	=	Diameter at breast height
D_{hor}	=	Diameter of root which root angle < 45°
D_{jk}	=	Diameter at k^{th} branch roots after j^{th} branching event
D_m	=	Diameter of root tip
D_{vert}	=	Diameter of root which root angle > 45°
F	=	Form factor
H	=	Height of tree
ICF	=	Imaginary canopy flat

ISC	=	Index of size clearing
L_l	=	Length of internode
L_{rw}	=	Specific root length
L_t	=	Total root length
N_k	=	Number of root branch per branch event
N_{max}	=	Length of main axis
N_p	=	Root isoline or altitude
NPV	=	Net present value
OOC	=	Opportunity cost of capital
PAR	=	Photosynthetically active radiation
q	=	$\max.D^2_{after}/\sum D^2_{after}$
SR	=	Shallow rootedness
V	=	Above-ground woody volume
W_t	=	Root dry weight