List of Tables

1.1	Members of steering committee constituted by DoWR, RD & GR	3
1.2	List of organizations that have provided data on springs, along with relevant available information	5
1.3	Distribution of springs across various states as per the available 'limited' information	6
1.4	Distribution of springs in states, based on limited data (only districts with > 25 springs included)	7
2.1	Local nomenclature of springs across different states of India	20
2.2	Classification of springs on the basis of discharge	28
2.3	Classification of springs on the basis of chemical composition of water	29
2.4	Classification of springs on the basis of DVR	29
2.5	Classification of springs on the basis of water temperature	30
4.1	Discharge table for a 0.6-foot HS flume	47
6.1	Parameters and frequency of monitoring	67
6.2	Check list for the field visit	69
6.3	Sample collection form	72
6.4	Preservation and volume of sample required	73

List of Tables

6.5	Standards protocol and methods for water quality analysis (APHA) $$.	75
8.1	Suitable native plant species for 1800 m to 2200 m amsl	105
8.2	Details species for plantation in the mountain regions of India	106
8.3	Various heads to be considered for unit cost estimation for plantation model	111
8.4	IMSD guidelines for rainwater harvesting structures	113
8.5	Trenches design on sloping land	116
9.1	Information derived from the various spring hydrographs	129
9.2	Types of springs based on Discharge Variability Ratio	131
9.3	Detailed information of springs selected for study	135
9.4	Various hydrological parameters estimated for 4 springs of Sikkim State for pre-and post- monsoon periods of springshed programme	136
9.5	Estimation of minimum storage requirements for SP3 (Aita Barey) spring	139
10.1	Monitoring indicators and their means of verification for assessing the ecological impact of a springshed programme	146
10.2	Monitoring indicators and their means of verification for assessing the economic impact of a springshed programme	148
10.3	Monitoring indicators and their means of verification for assessing the social impact of a springshed programme	149
10.4	Monitoring indicators and their means of verification for assessing the sustainability of a springshed programme	150
10.5	Estimation of biomass productivity at different locations for predefined fixed dates in the catchment during pre and post springshed programme	152

10.6	Estimation of biomass productivity at different locations for prede-	
	fined fixed dates in the catchment during pre and post springshed	
	programme	152
10.7	Timing of measurement of indicators used for verifying mechanism	154