

List of Figures

1-1 Temperature, rainfall, radiation in Laos	4
1-2 Temperature, rainfall, radiation in Cambodia	4
1-3 Temperature, rainfall, radiation in Thailand	4
1-4 Temperature, rainfall, radiation in Vietnam	4
2-1 Flowchart of wet season rice production sector	9
2-2 Flowchart of supply and demand sector	9
2-3 Production of wet season rice	33
2-4 Production of irrigated rice	33
2-5 Production of upland rice	33
2-6 Farm price	34
3-1 Flowchart of rice production sector	36
3-2 Flowchart of supply and demand sector	37
3-3 Production of wet season rice in Battambang	54
3-4 Production of dry season rice in PreyVeng	54
3-5 Production of wet season rice for all Cambodia	55
3-6 Production of dry season rice for all Cambodia	55
3-7 Per capita consumption	55
3-8 Farm price	55
4-1 Flowchart of the rice production sector of Thai rice model	59
4-2 Flowchart of the supply and demand sector of the Thai rice model	59
4-3 Production of major rice in North East region	88
4-4 Production of second rice in Central region	88
4-5 Production of major rice for whole Thailand	89
4-6 Production of second rice for whole Thailand	89
4-7 Per capita consumption	89
4-8 Realized retail price	89
5-1 Flowchart of the rice production sector of Vietnam rice model	92
5-2 Flowchart of supply and demand sector of Vietnam rice model	92
5-3 Production of spring season rice in Mekong River Delta region	109
5-4 Production of summer season rice in Mekong River Delta region	109
5-5 Production of spring season rice for whole country	109
5-6 Production of summer rice for whole country	109
5-7 Production of winter rice for whole country	110
5-8 Per capita consumption	110
5-9 Realized retail price (base year: 1989)	110
6-1 Flowchart of REMEW-MEKONG	111
6-2 Impact of ET changes in May on yield in the wet season	116
6-3 Impact of ET changes in June on yield in the wet season	116
6-4 Impact of ET changes in May on planted area in the wet season	116
6-5 Impact of ET changes in June on planted area in the wet season	116
6-6 Impact of ET changes in November on yield in the dry season	117
6-7 Impact of ET changes in December on yield in the dry season	117
6-8 Impact of ET changes in November on planted area in the dry season	117
6-9 Impact of ET changes in December on planted area in the dry season	117
7-1 Creating correlated random ET variables	119
7-2 Simulation of stochastic model	119
7-3 Coefficient of variation of production	121
7-4 Rate of increase of the coefficient	121

7-5 Fluctuation of wet season rice production	121
7-6 Fluctuation of realized price	121
7-7 Mark-up price for province	122
7-8 Increase rate of mark-up price	122
7-9 Fluctuation of production of wet season rice for whole country	123
7-10 Fluctuation of production of dry season rice for whole country	123
7-11 Fluctuations of planted area in wet season	123
7-12 Fluctuations of farm price	123
7-13 Increase rate of mark-up price	124