Appendix 11

List of output parameters as simulated by the FALLOW Model, and reported as time series report (*.TSO).

No.	Output Parameters	Description	Unit
1	**Land cover area:**		
1.1	• Young secondary forests	Total area of young secondary forests in the landscape.	m^2
1.2	• Old secondary forests	Total area of old secondary forests in the landscape	m^2
1.3	• Primary forests	Total area of primary/climax forests in the landscape.	m^2
1.4	• Imperata/fallow	Total area of pioneer forests (including: fallow, imperata, shrub, bush, and bare/cleared land) in the landscape.	m^2
1.5	• Agriculture-1	Total area of agriculture-1 in the landscape, where agriculture-1 is user defined.	m^2
1.6	• Agriculture-2	Total area of agriculture-2 in the landscape, where agriculture-2 is user defined.	m^2
1.7	• Agriculture-3	Total area of agriculture-3 in the landscape, where agriculture-3 is user defined.	m^2
1.8	• Agriculture-4	Total area of agriculture-4 in the landscape, where agriculture-4 is user defined.	m^2
1.9	• Agroforestry-1 pioneer	Total area of agroforestry-1 (at production stage/ecological maturity of pioneer) in the landscape, where agoforestry-1 is user defined.	m^2
1.10	• Agroforestry-1 early production	Total area of agroforestry-1 (at production stage/ecological maturity of early production) in the landscape, where agoforestry-1 is user defined.	m^2
1.11	• Agroforestry-1 late production	Total area of agroforestry-1 (at production stage/ecological maturity of late production) in the landscape, where agoforestry-1 is user defined.	m^2
1.12	• Agroforestry-1 post production	Total area of agroforestry-1 (at production stage/ecological maturity of post production) in the landscape, where agoforestry-1 is user defined.	m^2
1.13	• Agroforestry-2 pioneer	Total area of agroforestry-2 (at production stage/ecological maturity of pioneer) in the landscape, where agoforestry-2 is user defined.	m^2
1.14	• Agroforestry-2 early production	Total area of agroforestry-2 (at production stage/ecological maturity of early production) in the landscape, where agoforestry-2 is user defined.	m^2
1.15	• Agroforestry-2 late production	Total area of agroforestry-2 (at production stage/ecological maturity of late production) in the landscape, where agoforestry-2 is user defined.	m^2
1.16	• Agroforestry-2 post production	Total area of agroforestry-2 (at production stage/ecological maturity of post production) in the landscape, where agoforestry-2 is user defined.	m^2

No.	Output parameters	Description	Unit
1.18	• Agroforestry-3 early production	Total area of agroforestry-3 (at production stage/ecological maturity of early production) in the landscape, where agoforestry-3 is user defined.	m^2
1.19	• Agroforestry-3 late production	Total area of agroforestry-3 (at production stage/ecological maturity of late production) in the landscape, where agoforestry-3 is user defined.	m^2
1.20	• Agroforestry-3 post production	Total area of agroforestry-3 (at production stage/ecological maturity of post production) in the landscape, where agoforestry-3 is user defined.	m^2
1.21	• Agroforestry-4 pioneer	Total area of agroforestry-4 (at production stage/ecological maturity of pioneer) in the landscape, where agoforestry-4 is user defined.	m^2
1.22	• Agroforestry-4 early production	Total area of agroforestry-4 (at production stage/ecological maturity of early production) in the landscape, where agoforestry-4 is user defined.	m^2
1.23	• Agroforestry-4 late production	Total area of agroforestry-4 (at production stage/ecological maturity of late production) in the landscape, where agoforestry-4 is user defined.	m^2
1.24	• Agroforestry-4 post production	Total area of agroforestry-4 (at production stage/ecological maturity of post production) in the landscape, where agoforestry-4 is user defined.	m^2
1.25	• Settlements	Total area of settlement in the landscape.	m^2
2.	**Total human population**	Total human population of community living in the landscape.	inhabitants
3.	**Total allocated labor:**		
3.1	• Off farm	Total number of labors allocated for off farm jobs.	persons.days
3.2	• NTFP	Total number of labors allocated for NTFP harvesting, where NTFP type is user-defined.	persons.days
3.3	• Logging	Total number of labors allocated for logging.	persons.days
3.4	• Agriculture-1	Total number of labors allocated for agriculture-1 activities, where agriculture-1 is user defined.	persons.days
3.5	• Agriculture-2	Total number of labors allocated for agriculture-2 activities, where agriculture-2 is user defined.	persons.days
3.6	• Agriculture-3	Total number of labors allocated for agriculture-3 activities, where agriculture-3 is user defined.	persons.days
3.7	• Agriculture-4	Total number of labors allocated for agriculture-4 activities, where agriculture-4 is user defined.	persons.days
3.8	• Agroforestry-1	Total number of labors allocated for agroforestry-1 activities, where agroforestry-1 is user defined.	persons.days
3.9	• Agroforestry-2	Total number of labors allocated for agroforestry-2 activities, where agroforestry-2 is user defined.	persons.days
3.10	• Agroforestry-3	Total number of labors allocated for agroforestry-3 activities, where agroforestry-3 is user defined.	persons.days

No.	Output parameters	Description	Unit
3.11	• Agroforestry-4	Total number of labors allocated for agroforestry-4 activities, where agroforestry-4 is user defined.	persons.days
4.	**Expansion ability, based on land capital:**		
4.1	• NTFP	Ability of the community living in the landscape to expand the harvesting area of NTFP, based on available land capital allocated, where NTFP type is user-defined.	ha
4.2	• Logging	Ability of the community living in the landscape to expand the logging area, based on available land capital allocated.	ha
4.3	• Agriculture-1	Ability of the community living in the landscape to expand agriculture-1 area, based on available land capital allocated, where agriculture-1 is user defined.	ha
4.4	• Agriculture-2	Ability of the community living in the landscape to expand agriculture-2 area, based on available land capital allocated, where agriculture-2 is user defined.	ha
4.5	• Agriculture-3	Ability of the community living in the landscape to expand agriculture-3 area, based on available land capital allocated, where agriculture-3 is user defined.	ha
4.6	• Agriculture-4	Ability of the community living in the landscape to expand agriculture-4 area, based on available land capital allocated, where agriculture-4 is user defined.	ha
4.7	• Agroforestry-1	Ability of the community living in the landscape to expand agroforestry-1 area, based on available land capital allocated, where agroforestry-1 is user defined.	ha
4.8	• Agroforestry-2	Ability of the community living in the landscape to expand agroforestry-2 area, based on available land capital allocated, where agroforestry-2 is user defined.	ha
4.9	• Agroforestry-3	Ability of the community living in the landscape to expand agroforestry-3 area, based on available land capital allocated, where agroforestry-3 is user defined.	ha
4.10	• Agroforestry-4	Ability of the community living in the landscape to expand agroforestry-4 area, based on available land capital allocated, where agroforestry-4 is user defined.	ha
5.	**Expansion ability, based on labor capital:**		
5.1.	• NTFP	Ability of the community living in the landscape to expand the harvesting area of NTFP, based on available labor capital available (from local allocation and possible external labors) , where NTFP type is user-defined.	ha