



LUCAS 2012 (Land Use / Cover Area Frame Survey)



Technical reference document C-2:

Field form

Version 1.0 of 07 November 2012

LUCAS 2012 - LAND USE / COVER AREA FRAME STATISTICAL SURVEY

Identification

A	Surveyor ID: _____	B	Point ID: _____
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Observation

1	Date: ____/____/____ DD MM	5	Type of observation: 1 <input type="checkbox"/> Field survey, point visible, 0-100m to pt 2 <input type="checkbox"/> Field survey point visible, >100 m to pt 3 <input type="checkbox"/> Photo-interpretation, point not visible 4 <input type="checkbox"/> The point is not observed 8 <input type="checkbox"/> Not relevant (N.R.)	11	Elevation: ____ m N.R. = 8888
2	Start time: ____:____ HH mm	6	GPS projection system: 1 <input type="checkbox"/> WGS84 2 <input type="checkbox"/> Problem with signal 8 <input type="checkbox"/> N.R.	12	Distance to the point: ____ m N.R. = 8888
3	End time: ____:____ HH mm	7	Precision: _____ m (N.R. = 8888)	13	Direction: 1 <input type="checkbox"/> on the point 2 <input type="checkbox"/> north 3 <input type="checkbox"/> east 8 <input type="checkbox"/> N.R.
4	Observed: 1 <input type="checkbox"/> The point is observed 2 <input type="checkbox"/> Point is not visible 3 <input type="checkbox"/> Marine sea 4 <input type="checkbox"/> Out of national territory	8	Latitude: _____ (N.R. = 88.88888) DD,dddddd		
9/10		9/10	Longitude: <input type="checkbox"/> W/E/8 _____, _____ (N.R. = 88.88888) DD,dddddd		

Comments

14 Description of the way to the point	15 Remarks about special circumstances (why observation not at the point, ground document not clear, etc.)
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Land cover and land use

16	LC1 _____	17	LC2 _____	18	Radius: 1 <input type="checkbox"/> 1.5 m 2 <input type="checkbox"/> 20 m 8 <input type="checkbox"/> N.R.	19	Area size (in ha): 1 <input type="checkbox"/> area < 0.5 2 <input type="checkbox"/> 0.5 ≤ area < 1 3 <input type="checkbox"/> 1 ≤ area < 10 4 <input type="checkbox"/> area ≥ 10 8 <input type="checkbox"/> N.R.	
23	C1 plant species: _____	24	LC2 plant species: _____					
25	Percentage of land coverage (%) LC1: 1 <input type="checkbox"/> <5 2 <input type="checkbox"/> 5 ≤ LC < 10 3 <input type="checkbox"/> 10 ≤ LC < 25 4 <input type="checkbox"/> 25 ≤ LC < 50 5 <input type="checkbox"/> 50 ≤ LC < 75 6 <input type="checkbox"/> LC ≥ 75 8 <input type="checkbox"/> N.R.	26	Percentage of land coverage (%) LC2: 1 <input type="checkbox"/> <5 2 <input type="checkbox"/> 5 ≤ LC < 10 3 <input type="checkbox"/> 10 ≤ LC < 25 4 <input type="checkbox"/> 25 ≤ LC < 50 5 <input type="checkbox"/> 50 ≤ LC < 75 6 <input type="checkbox"/> LC ≥ 75 8 <input type="checkbox"/> N.R.	If LC CX0, or D10 or E10 & area size ≥ 0.5 ha		22	Only if LC CX0, or D10 or E10 and height of tree above 5 m and area size ≥ 0.5 ha Width of feature: 1 <input type="checkbox"/> < 20 m 2 <input type="checkbox"/> ≥ 20 m 8 <input type="checkbox"/> N.R.	
				20 - Height of trees at the moment of survey:	1 <input type="checkbox"/> < 5 m 2 <input type="checkbox"/> ≥ 5 m 8 <input type="checkbox"/> N.R.			
				21 - Height of trees at maturity	1 <input type="checkbox"/> < 5 m 2 <input type="checkbox"/> ≥ 5 m 8 <input type="checkbox"/> N.R.			
27	LU1 _____	28	LU2 _____	29	Land management: 1 <input type="checkbox"/> Visible signs of grazing 2 <input type="checkbox"/> No signs of grazing 8 <input type="checkbox"/> N.R.			
30	Special remark on land cover / land use: 1 <input type="checkbox"/> Tilled and/or sowed 2 <input type="checkbox"/> Harvested field 3 <input type="checkbox"/> Clear cut 7 <input type="checkbox"/> No remark.			31	Special status: 1 <input type="checkbox"/> Protected 2 <input type="checkbox"/> Hunting	3 <input type="checkbox"/> Protected and Hunting 4 <input type="checkbox"/> No special status		
		4 <input type="checkbox"/> Burnt area 5 <input type="checkbox"/> Fire break 6 <input type="checkbox"/> Nursery						

Water management

32	Presence of water management: (Only if LU = U111 or U112)	1 <input type="checkbox"/> Irrigation 2 <input type="checkbox"/> Potential irrigation 3 <input type="checkbox"/> Drainage 4 <input type="checkbox"/> Irrigation and drainage 5 <input type="checkbox"/> No visible water management 8 <input type="checkbox"/> N.R.	33	Source of irrigation:	1 <input type="checkbox"/> Well 2 <input type="checkbox"/> Pond/Lake/Reservoir 3 <input type="checkbox"/> Stream/Canal/Ditch 4 <input type="checkbox"/> Lagoon/Wastewater 5 <input type="checkbox"/> Other/not identifiable 8 <input type="checkbox"/> N.R.
34	Type of irrigation:	1 <input type="checkbox"/> Gravity 2 <input type="checkbox"/> Pressure: Sprinkler irrigation 3 <input type="checkbox"/> Pressure: Micro-irrigation 4 <input type="checkbox"/> Gravity/Pressure 5 <input type="checkbox"/> Other/not identifiable 8 <input type="checkbox"/> N.R.	35	Delivery System:	1 <input type="checkbox"/> Canal 2 <input type="checkbox"/> Ditch 3 <input type="checkbox"/> Pipeline 5 <input type="checkbox"/> Other/not identifiable 8 <input type="checkbox"/> N.R.

Structural, mostly linear element types	01	Grass margins < 3 m	31	Ditches, channels < 3 m
	02	Heath/Shrub, tall herb fringes < 3 m	32	Rivers, streams < 3 m
	10	Single bushes, single tree	41	Ponds, wetlands < 3 m
	11	Avenue trees and other line of trees	51	Rock outcrops with some natural vegetation
	12	Conifer hedges < 3 m	61	Tracks
	13	Bush/tree hedges/coppices, visibly managed (e.g. pollarded) < 3 m	62	Roads
	14	Bush/tree hedges, not managed, with single trees, or shrubland deriving from abandonment < 3 m	63	Railways
	15	Grove/Woodland margins (if no hedgerow) < 3 m	71	Other linear elements
	21	Dry stone walls	PI	Start / End Photo-Interpretation
	22	Artificial constructions (other than dry stone walls)	X	Premature end of transect field assessment
	23	Fences	8	No transect mapped
	24	Electric lines and other aerial cables		
	43	Remarks about the transect: (e.g. reasons for prematurely end of transect interpretation, PI circumstances)		

Photos

	Taken	Not taken	Not relevant	Photo ID	To be anonymised
44	Point	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
45	Crop – Cover	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
46	North	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
47	East	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
48	South	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
49	West	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
50	Irrigation	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
51	Transect	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
52	Soil	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>
53	Conflict case	1 <input type="checkbox"/>	2 <input type="checkbox"/>	8 <input type="checkbox"/>	<input type="checkbox"/>

Do not forget to take the soil, irrigation and transect end pictures!

Do not forget to note End time of the survey!