

METADATA - ESTONIA

Title of working unit:	523
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A: GENERAL INFORMATION

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Project leader:	Kiira Aaviksoo
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1. IMAGE1975 data used

Landsat MSS provided or other scene(s)				
Satellite & Sensor	Path-	Row	Date (m/d/y)	Remark (e.g. clouds)
Landsat MSS	204	19	07/07/1975	haze

2. Topographic maps used *(indicate in remark if digital)*

Scale	Sheet id	Title/Name	Year of production	Year of last revision	Remark
1:10000	523	Cadastral data	1995		B/w digital
1 : 100 000	C-55-19 C-55-18 C-56-19 C-56-18	Estonian top. map	1972 1972 1972	1969, 1971 1969 1969	B/w paper copy
1:100 000	O-34-34		1989	1983	B/w digital
1:100 000	O-34-35		1989	1981	B/w digital
1:5000	4 sheets	Kuressaare		1979	

3. Other ancillary data used (thematic data, satellite images, aerial photos, city maps, vegetation maps)

Id	Data source/type	Title (if relevant)	Date of production (m/d/y)	Scale (spatial detail)	Remark
5,6,9,10	Agricultural maps	Eesti põllumajanduslik kaart	1979	1 : 50 000	B/w paper copy, digital
0625		CORONA data	05/19/1974	~15m	B/w digital

4. Photointerpreter(s)

Name	Affiliation	Phone	E-mail	Interpretation		
				start (m/d/y)	End (m/d/y)	no. of days
Katre Daniel	EEIC	+372 7 427 767	Katre.daniel@ic.envir.ee	05/28/2003	05/29/2003	2
				08/01/2003	08/03/2003	3

B: DATA PREPARATION

1. Checking and systematic correction of IMAGE90 data *(optional)*

Landsat TM or any other satellite scenes used (e.g. SPOT)							
Satellite & Sensor	path-	row	Date (m/d/y)	Max. systematic geom. Error (m)	<i>(optional)</i> Checked & corrected (name)	<i>(optional)</i> Date (m/d/y)	<i>(optional)</i> Reference data
Landsat 5 TM	189	19	07/09/1994	25 - 50 m			

2. Checking and systematic correction of CLC90 data

Corrections	Type of correction	Checked and Corrected by	Date (m/d/y)		Remarks
			Start	end	
Geometrical errors	Systematic correction	Tiina Dislis	04/27/2003	04/27/2003	
	Local correction	Tiina Dislis	04/27/2003	04/27/2003	
Thematic errors	Logical coherence*	Katre Daniel, Tiina Dislis	06/15/2003 07/18/2003	06/16/2003 07/20/2003	
	Semantic accuracy** and exhaustiveness***	Kiira Aaviksoo	06/26/2003 07/18/2003	06/26/2003 07/20/2003	324 underestimated, corrected 3 times, 231 instead of 321 – corrected

*= respectation of internal rules of CLC (100 m, 25 ha) according to Tech. Guide and Addendum

**= interpretation according to CLC nomenclature;

*** = details are appropriate

3. Verification and acceptance on national level

Date (m/d/y)	Accepted by	Signature	Remark
07/20/2003	Tiina Dislis		
07/23/2003	Kiira Aaviksoo		321 removed because of anthropogenic surrounding

C: INTERPRETATION OF CHANGES AND CREATION OF CLC1975

1. Photo-interpretation and internal quality control

Date of submission (m/d/y)	Control made by	Date of control (m/d/y)	Remark (errors, corrections, etc.)
05/28/2003 08/01/2003	Katre Daniel	07/11/2003 08/03/2003	<ul style="list-style-type: none"> - Rather often occurred areas, which were taken into agricultural use (change 31 and 324 to 24A, 24B, 23, 21) - Some abandoned and recultivated peat excavation areas (change 41 to 324) or clearcutting for peat excavation (31 to 412) - Changes 33 to 411: overflowed and/or overgrown with reed - Changes 13 to 32 or 33 is due to abandoned and vegetated pit areas - Change from 231 to 121: fish industry - Some small polygons were removed (appeared if clc75 was created)

2. Field checking (if carried out) - no

Date (m/d/y)	Itinerary (main settlements crossed on the working unit)	Problems checked and main conclusions
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3. Border matching with neighbour working units

Working unit /Country	Controlled and corrected by	Date (m/d/y)	Remark
514,621,524	Tiina Dislis	08/02/2003	

D: FINAL TECHNICAL QUALITY CONTROL

1. Control of topology, unnecessary boundaries, 25 ha limit, invalid codes and invalid changes

	Date (m/d/y)	Controlled by	Remark
CLC1975	08/27/2003	Tiina Dislis	A few polygons < 20 and 5 ha were generalised
CLC Changes	08/27/2003	Tiina Dislis	A few polygons < 5 ha were generalised
CLC90	08/28/2003	Tiina Dislis	A few polygons < 20 and 25 ha were generalised

2. Verification and acceptance

	Date (m/d/y)	Name	Signature	Remark
National level	08/28/2003	Kiira Aaviksoo		231 and 321 confusion removed
Integration level	09/11/2003	Erika Orlitová	GISAT	
	09/15/2003	Tomas Soukup	GISAT	

E: SOFTWARE / HARDWARE

Work phase	Software used	Hardware used
Systematic geometric correction of IMAGE90	-	-
Systematic geometric correction of CLC90	-	-
Topological and thematic corrections of CLC90	ArcInfo 7.2.1., ArcView 3.2	PC
Interpretation of changes	ArcView 3.2	PC
Creation of CLC1975	ArcView 3.2	PC
Technical quality control	ArcInfo 7.2.1.	PC
Database integration (border matching)	ArcInfo 7.2.1.	PC