

**European Environment Agency
European Topic Centre on Biological Diversity**



**European Common Database on Nationally
Designated Areas - ECDDA-National**

Report on technical validation analysis of National Database

Albania

version. 2 - September 2007

1 Introduction

This report shows results of EEA automated validation procedures run on the national CDDA data after the initial merge into the European dataset (ECDDA)





Report is divided in two main parts. Main statistics chapter shows overall summary of content of data tables. Data analysis contains results of individual validation procedures and has three sections, one for each data table. At the beginning of each of the section is a summary showing the most important findings for each field of the respective table. It shows also order number of individual test where more detailed information about the finding can be found. Findings which are pointing to some gap, error or discrepancy are highlighted.

You can navigate through the report by bookmarks you can see on the left side of this PDF document

Tip:

Use the table summary as a starting point. Here you can quickly see what is wrong with your national database (highlighted comments). Then use the bookmarks to jump directly on the detailed test result and check it.

Each result is marked according its relevance to data quality and correction urgency. There are 3 types of marks:

-  Result is informative. It doesn't require any necessary or immediate action to improve data quality.
-  Data contained or quantified in the result may or may not require some actions with respect to their quality. More detailed information in the description of the result will help to decide which data are erroneous.
-  Result contains or quantifies erroneous data which have to be corrected. The error usually violates some of the logical rules related to particular data.
-  Marks have green color if no records were detected in the test. As they wouldn't have much sense, detailed descriptions of such tests are also not displayed.

Tip:

At first you should put focus on red ! results. Second important are violet ? results where some of fields in table are highlighted with red color. Blue i results are just for information. And green marked results need no action on your part.

At the beginning of each result the number of detected records is shown and if it is possible and useful the percentage of total number of records is also shown. The validation result itself can be presented in few different ways.

1. Tabular result contains most information. Some fields in the table may be highlighted. What the highlighting means is explained in the legend above the table.
2. Condensed list is shown for results where the amount of detected records is so large that the detailed tabular presentation would not be practical. Some of the condensed lists are accompanied with short summary of main facts and findings.
3. A summary alone is provided in the few cases where the amount of records detected by a test is so huge that not even the condensed list would be useful (i.e. more than 3,000 cases).

2 Table of content

1 Introduction

2 Table of content

i

3 Main statistics

3.1 Field completeness

i 3.1.1 Designations table

i 3.1.2 Sites table

i 3.1.3 Sitehabitats table

4 Analysis of data

4.1 Designations table

i 4.1.01 New designations

! 4.1.02 Designations deleted without marking them to be deleted

? 4.1.03 Designations marked to be deleted

i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets

? 4.1.05 Designations not present in "SITES" table

! 4.1.06 Designations where ISO3 is empty

! 4.1.07 Designations where "DESIG_ABBR" is empty

! 4.1.08 Designations where "DESIG_ABBR" do not follow official naming convention

! 4.1.09 Designations where "DESIG_ABBR" is duplicated

i 4.1.10 Designations where "Category" has been changed

! 4.1.11 Designations where "Category" is empty (numeric part of "DESIG_ABBR" is different then "00" and "99")

! 4.1.12 Designations where "Category" is not present in official list ("DESIG_CATEGORIES" table)

i 4.1.13 Designations where "DESIGNATE" has been changed

! 4.1.14 Designations where "DESIGNATE" is empty

! 4.1.15 Designations where "ODESIGNATE" is empty

i 4.1.16 Designations where "CDDA_sites" has been changed

? 4.1.17 Designations where "CDDA_sites" is False (No)

! 4.1.18 Designations where "Law" or "Lawreference" is empty ("Category is else then "C")

! 4.1.19 Designations where "Agency" is empty

! 4.1.20 Designations where "Number" or "Total_Area" have been changed

? 4.1.21 Designations where "Number_reference" has been changed

? 4.1.22 Designations where "Total_Area_reference" has been changed

? 4.1.23 Designations where "Number_reference", "Total_Area_reference", "Date_Source" or "Reference_date" is not empty

i 4.1.24 Designations where "Remark" or "Remark_source" is not empty

! 4.1.25 Designations marked to be deleted but where "Remark" is empty

4.2 Sites table

i 4.2.01 New sites

! 4.2.02 Sites deleted without marking them to be deleted

? 4.2.03 Sites marked to be deleted

! 4.2.04 Sites where "SITE_CODE" is duplicated

i 4.2.05 Sites where "SITE_CODE_NAT" was changed

! 4.2.06 Number of sites by designation where "SITE_CODE_NAT" is empty

! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated

- ! 4.2.08 Sites where "ISO3" is empty or incorrect
- ? 4.2.09 Sites where "DESIG_ABBR" was changed
- ! 4.2.10 Sites where "DESIG_ABBR" is empty
- ! 4.2.11 Number of sites by designation where "DESIG_ABBR" is not present in "DESIGNATIONS" table
- i 4.2.12 Sites where "AREANAME" was changed
- ? 4.2.13 Number of sites by designation where "AREANAME" is empty
- i 4.2.14 Sites where "AREANAME" is duplicated
- i 4.2.15 Sites where "SIZE" was changed
- ! 4.2.16 Number of sites by designation where "SIZE" is empty
- ! 4.2.17 Sites where "SIZE" is significantly different from respective GIS boundary area or where it is greater than ISO3 country reference size.
- i 4.2.18 Sites where "IUCNCAT" was changed
- ! 4.2.19 Number of sites by designation where "IUCNCAT" is empty
- ! 4.2.20 Number of sites by IUCN category where "IUCNCAT" is not present in official list ("IUCNCATEGORIES" table)
- i 4.2.21 Number of sites by designation where "NUTS" is empty
- ? 4.2.22 Sites where "YEAR" was changed
- ! 4.2.23 Number of sites by designation where "YEAR" is empty
- ! 4.2.24 Sites where "YEAR" is less than 1872 or greater than 2007
- ! 4.2.25 Number of sites by designations where at least one of altitudes is empty
- ! 4.2.26 Sites where "ALTITUDE_MIN" is higher than "ALTITUDE_MAX"
- ? 4.2.27 Sites where at least one of altitudes is out of reference elevation range of the country
- ? 4.2.28 Sites where coordinates were changed
- ! 4.2.29 Number of sites by designations where at least one of coordinates is empty
- ! 4.2.30 Sites where coordinates are outside of reference geographic area of the country
- i 4.2.31 Sites where coordinates are duplicated
- i 4.2.32 Number of sites by designation where "NOTES" is not empty
- ! 4.2.33 Sites marked to be deleted but where "NOTES" is empty
- ? 4.2.34 Edited records and analysis of EIONET fields

4.3 Sitehabitats table

- ! 4.3.01 Number of habitat records by sites which are not present in "Sites" table
- ? 4.3.02 Number of habitat records by sites which are marked to be deleted in "Sites" table
- i 4.3.03 Number of habitat records, sites with habitats and sites without habitats subdivided by designation
- ! 4.3.04 Habitat records where habitat code is either empty or incorrect (not present in official list)
- i 4.3.05 Number of habitat records by habitat categories subdivided by habitat level
- ! 4.3.06 Number of habitat records by categories where coverage is empty or 0
- ! 4.3.07 Habitat records where coverage is > 100%
- i 4.3.08 Sites where total habitat coverage is < 100%

i 3 Main statistics

This test is comparing record numbers per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

Records marked to be deleted are not counted into that comparison!

Legend - highlightings of result table fields

Number of records in new dataset Decrease

 Increase

value No record

Number of data tables: 3

Table	Number of records in	
	old dataset	new dataset
designations	8	8
sites	802	798
sitehabitats	0	0

3.1 Field completeness

This test is comparing field completeness (counting not empty cells in tables) per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

General formatting note:

Records marked to be deleted are not counted into that comparison.

Legend - highlightings of result table fields

Records filled in new Decrease

 Increase

value No value in mandatory fields

Completeness in new Decrease

 Increase

value Impossible to calculate (dividing by 0). Table contains no records!

i 3.1.1 Designations table

Number of columns: 16

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
ISO3	8	8	100.00	100.00
DESIG_ABBR	8	8	100.00	100.00
Category	6	6	75.00	75.00
ODESIGNATE	8	8	100.00	100.00
DESIGNATE	8	8	100.00	100.00
Title_French	5	5	62.50	62.50
CDDA_sites	5	5	62.50	62.50
Law	8	6	100.00	75.00
Lawreference	8	6	100.00	75.00
Agency	8	6	100.00	75.00
Number	6	6	75.00	75.00

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
Total_Area	6	6	75.00	75.00
Data_Source	6	6	75.00	75.00
Reference_date	6	6	75.00	75.00
Remark	6	6	75.00	75.00
Remark_Source	6	6	75.00	75.00

i 3.1.2 Sites table

Number of columns: 18

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
SITE_CODE	802	797	100.00	99.87
SITE_CODE_NAT	0	0	0.00	0.00
ISO3	802	798	100.00	100.00
DESIG_ABBR	802	798	100.00	100.00
AREANAME	802	798	100.00	100.00
SIZE	514	510	64.09	63.91
IUCNCAT	802	798	100.00	100.00
NUTS	802	798	100.00	100.00
YEAR	802	798	100.00	100.00
ALTITUDE_MIN	581	577	72.44	72.31
ALTITUDE_MAX	656	652	81.80	81.70
LAT	36	244	4.49	30.58
LON	36	244	4.49	30.58
EIONET_CHNG_DATE	0	0	0.00	0.00
EIONET_CHNG_TYPE	0	0	0.00	0.00
EIONET_EDITED_BY	0	0	0.00	0.00
EIONET_INSTITUTE	0	0	0.00	0.00
NOTES	3	5	0.37	0.63

i 3.1.3 Sitehabitats table

Number of columns: 3

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
SITE_CODE	0	0	N/A	N/A
EUNIS_Hab	0	0	N/A	N/A
Cover	0	0	N/A	N/A

4 Analysis of data

4.1 Designations table

Following tests are performed with full designation table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3898

Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Designations marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.

Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

Field	Comment	Detailed test
ISO3	Filled correctly	4.1.06
DESIG_ABBR	No new designations	4.1.01
	No designations marked to be deleted.	4.1.03
	All designations have designation code	4.1.07
Category	All designations have "Category" code	4.1.11
ODESIGNATE	Filled correctly	4.1.15
DESIGNATE	All designatons have English name	4.1.15
Title_French	3 designations have missing French name	
CDDA_sites	2 designations are marked not creating sites ("Total_Area_reference" is missing for all of them). Explanantion in "Remark" is missing for all of them! Check whether it is not an error!	4.1.17
Law	Filled correctly	4.1.18
Lawreference	Filled correctly	4.1.18
Agency	Filled correctly	4.1.19
Number, Total_Area	Filled correctly	4.1.20
Number_reference	Field is empty for all records	4.1.23
Total_Area_reference	Field is empty for all records	4.1.23
Data_Source	6 designations have "Data_Source" filled. None of them have either "Number_reference" or "Total_Area_reference" filled (in such cases the "Data_Source" doesn't need to be filled). Check whether it is not an error!	4.1.23
Reference_date	6 designations have "Reference_date" filled.	4.1.23
Remark	6 designations have "Remark" filled. Check also other field comments whether some explanations are not missing here.	4.1.24
Remark_Source	6 designations have "Remark_Source" filled.	4.1.24
To_be_deleted	No designation marked to be deleted	4.1.03

i 4.1.01 New designations

Number of new records in the designations table: **0**

! 4.1.02 Designations deleted without marking them to be deleted

Number of detected records: **0**

? 4.1.03 Designations marked to be deleted

Number of detected records: **0**

i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets

That test is comparing number and total area of sites as it is coming from sites table as well as from boundary files of previous and current update of data and is presenting result per designation.

Legend - highlightings of result table fields

Number of sites in new dataset Decrease

Increase

Number of sites in GIS Some sites from new dataset are missing in boundary data

Total area in new dataset Decrease

Increase

Total area in GIS Difference between total site size in new dataset and boundary data is greater than 5%

Number of detected records: **8**

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
ALB	AL00	0	0	0	0	0	
ALB	AL01	15	13	0	107330.2	83848.2	
ALB	AL02	4	4	0	14500	14500	
ALB	AL03	25	25	0	42248	42248	
ALB	AL05	5	3	0	49558	53099.42	
ALB	AL06	749	749	0	8193.47	8193.47	
ALB	AL09	4	4	0	18245	18245	
ALB	AL99	0	0	0	0	0	
		802	798	0	240074.67	220134.09	

? 4.1.05 Designations not present in "SITES" table


That test is listing designations that do not have any site data reported in sites table. It shows designations having "CDDA_Sites" field marked both "Yes" and "No". Also "Remark" field entry is given to check if there is any reason explained especially for those marked "Yes" (they will create sites, but the data are just not there for some reason).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21601

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Legend - highlightings of result table fields

Remark  Explanation is missing why designations marked as creating sites, do not have any sites in Sites table!

Number of detected records: **3**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
ALB	AL00		No Protection Status	No Protection Status	False	
ALB	AL05	A	Pejsazh i Mbrojtur	Protected Landscape (category V)	True	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration
ALB	AL99		Other	Others	False	

! 4.1.06 Designations where ISO3 is empty

Number of detected records: **0**

! 4.1.07 Designations where "DESIG_ABBR" is empty

Number of detected records: **0**

! 4.1.08 Designations where "DESIG_ABBR" do not follow official naming convention

Number of detected records: **0**

! 4.1.09 Designations where "DESIG_ABBR" is duplicated

Number of detected records: **0**

i 4.1.10 Designations where "Category" has been changed

Number of detected records: **0**

! 4.1.11 Designations where "Category" is empty (numeric part of "DESIG_ABBR" is different then "00" and "99")

Number of detected records: **0**

! 4.1.12 Designations where "Category" is not present in official list ("DESIG_CATEGORIES" table)

Number of detected records: 0

i 4.1.13 Designations where "DESIGNATE" has been changed

Number of detected records: 0

! 4.1.14 Designations where "DESIGNATE" is empty

Number of detected records: 0

! 4.1.15 Designations where "ODESIGNATE" is empty

Number of detected records: 0

i 4.1.16 Designations where "CDDA_sites" has been changed

Number of detected records: 0

? 4.1.17 Designations where "CDDA_sites" is False (No)

When "CDDA_sites" entry is "No", user can be sure there will not be any site with that designation in sites table, if there is it is actually an error. Also it would be very relevant if explanation why that designation is not creating any sites would be entered into "Remark" field.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922

Legend - highlightings of result table fields

Total Area reference	 	Missing value (designations which are not creating sites should have this value filled)
Remark	 	Explanation is missing! Check also records not highlighted whether the reason is properly explained!
Number of Sites	 	Designation marked not creating sites should not have any valid site in Sites table!

Number of detected records: 2

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
ALB	AL00		No Protection Status	False	 	 	0
ALB	AL99		Others	False	 	 	0
							0

! 4.1.18 Designations where "Law" or "Lawreference" is empty ("Category is else then "C")

Number of detected records: 0

! 4.1.19 Designations where "Agency" is empty

Number of detected records: 0

! 4.1.20 Designations where "Number" or "Total_Area" have been changed

Number of detected records: 0

? 4.1.21 Designations where "Number_reference" has been changed

Number of detected records: 0

? 4.1.22 Designations where "Total_Area_reference" has been changed





Number of detected records: 0

? 4.1.23 Designations where "Number_reference", "Total_Area_reference", "Date_Source" or "Reference_date" is not empty

These fields should be filled only when any official national data different of CDDA update is published in between two CDDA update deliveries.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28595http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29521http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19566http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21868http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21868**Legend - highlightings of result table fields**

Data Source		Missing value, error!
		Value is not required (both Number reference and Total Area reference are empty). Check whether it is not an error!
Reference date		Missing value, error!
		Value is not required (Number reference, Total Area and Data Source are empty). Check whether it is not an error!

Number of detected records: 6

ISO3	DESIG ABBR	Number reference	Total Area reference	Data Source	Reference date	Number of sites
ALB	AL01			Ministry of Environment, Forests and Water Administration	May 2006	13
ALB	AL02			Ministry of Environment, Forests and Water Administration	May 2006	4
ALB	AL03			Ministry of Environment, Forests and Water Administration	May 2006	25
ALB	AL05			Ministry of Environment, Forests and Water Administration	May 2006	4
ALB	AL06			Ministry of Environment, Forests and Water Administration	May 2006	753
ALB	AL09			Ministry of Environment, Forests and Water Administration	May 2006	4
						803

i 4.1.24 Designations where "Remark" or "Remark_source" is not empty

Those two fields should always be filled together, so if there is any remark to be entered related to any field entry or gap of that particular record, please fill both Remark and Remark_source field. To latter put person and/or institution name who made remark. Users of data will seek for remarks when some field entries of record are missing or when some basic entries have changed. Remark can also be used to point the reason why for example site data of designation is missing in sites table.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20963

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23302

Legend - highlightings of result table fields

Remark Source



Missing value, error!



Value is not required (Remark is empty). Check whether it is not an error!

Number of detected records: **6**

ISO3	DESIG ABBR	Category	DESIGNATE	Remark	Remark Source	Number of sites
ALB	AL01	A	National Park (category II)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	13
ALB	AL02	A	Strict Protected Area (category I)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	4
ALB	AL03	A	Managed Nature Reserve (category IV)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	25
ALB	AL05	A	Protected Landscape (category V)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	4
ALB	AL06	A	Nature Monument (Category III)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	753
ALB	AL09	A	Resource Reserve (category VI)	Due to the institutional changes of November 2005 the Protected Areas Administration is now under the Ministry of Environment, Forest and water Administration	Organization and structure of the Council of Ministers in Albania, November 2005	4
						803

4.2 Sites table

Following tests are performed with full sites table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3530

Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Sites marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.





Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

Field	Comment	Detailed test
SITE_CODE	5 new sites, but 4 marked to be deleted! SITE_CODE has to be added for 1 of them.	4.2.01
	3 sites deleted without marking them to be deleted!	4.2.02
	6 sites marked to be deleted. 4 of them were not presented in old dataset! Check detailed test result whether the deletion is explained properly in "NOTES" field or it is just an error!	4.2.03
SITE_CODE_NAT	798 sites have missing national site code!	4.2.06
ISO3	Filled correctly	4.2.08
DESIG_ABBR	All sites have designation code	4.2.10
AREANAME	All sites have area name	4.2.13
SIZE	1 site (344) has size changed (from 3300 to 29380)	4.2.15
	288 sites have missing size!	4.2.16
IUCNCAT	All sites have IUCN category	4.2.19
NUTS	All sites have NUTS codes	4.2.21
YEAR	1 site (344) has year changed (from 1966 to 2007). Check detailed test result whether the change is properly explained in "NOTES" field or it is just an error!	4.2.22
	All sites have year	4.2.23
ALTITUDEs	221 sites have missing at least one of altitudes!	4.2.25
LAT, LON	208 sites have coordinates changed	4.2.28
	554 sites have missing coordinates!	4.2.29
	212 sites have coordinates outside of reference geographic area of the country!	4.2.30
	2 pairs of coordinates are duplicated (7 sites have these coordinates totally).	4.2.31
To_be_deleted	6 sites marked to be deleted. Check whether the reason is explained properly in "NOTES" field!	4.2.33
EIONET fields	208 sites have at least one value in record changed. All of them have EIONET_CHNG_DATE either missing or not changed! All of changed sites have EIONET_CHNG_TYPE either missing or containing not allowed value! All of changed sites have EIONET_EDITED_BY missing! All of changed sites have EIONET_INSTITUTE missing!	4.2.34
NOTES	11 sites have "NOTES" filled.	4.2.32

i 4.2.01 New sites

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22418**Legend - highlightings of result table fields**

SITE CODE		Missing value (will be filled on central European level)
YEAR		Detects "new" sites designated (site with year of designation >= year of the previous version)
		Detects "old" site added (site with year of designation < year of the previous version)
		Field is either empty or value is suspicious low or high (see test 4.2.24 for more details)

Number of new records in the sites table: **5 (0.62 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	YEAR
		ALB	AL05	Mali me Gropa-Bize-Martanesh	25266.4	2007
182224		ALB	AL06	Kroi i Bardhë		2002
182609		ALB	AL06	Shpella e Pëllumbave		2002
182706		ALB	AL06	Vlashaj	50	2002
182716		ALB	AL06	Zheji	1500	2002
					26816.4	

! 4.2.02 Sites deleted without marking them to be deleted

Any record detected by current test is an error at technical point of view, because no any records should be actually deleted during update of data, but instead of that they should be marked "Yes" at "To be deleted" field of same table. Reason why is that all records have unique international code attached and it should be archived even when record will be deleted from database.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227Number of detected records: **3**



SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE
196506		ALB	AL05	Sistemi ligatinor Vjose-Narte	19738
332697		ALB	AL01	Pjesa shqiptare e Liqenit te Shkodres	26535
332698		ALB	AL01	Lumi Buna dhe territoret ligatinore perreth tij	23027
					69300

? 4.2.03 Sites marked to be deleted

All records that are not actual any more and that should be removed or archived from actual dataset should not be deleted during update, but marked "Yes" at the field "To be deleted". This test is counting them. But moreover, any reason why those records should be deleted should be given to "NOTES" field.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227**Legend - highlightings of result table fields**

NOTES		Explanation is missing, error!
Present in old		Site was not present in previous version of dataset! Check if it is not an error!

Number of detected records: **6 (0.75 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	NOTES	Present in old
101458		ALB	AL05	Bize	1370	This site should be deleted from the database as it is included in the newly designated Protected Landscape Mali me Gropa -Bize-Brosh-Berdhet, declared in January 2007.	YES
101459		ALB	AL05	Berdhet	617	This site should be deleted as it is included in the newly designated Protected Landscape Mali me Gropa- Bize-Brosh-Berdhet, declared in January 2007.	YES
182224		ALB	AL06	Kroi i Bardhë		Deletion required as it is a registration error on data	NO
182609		ALB	AL06	Shpella e Pëllumbave		Deletion required as it is a data registration mistake	NO
182706		ALB	AL06	Vlashaj	50	Deletion required as it is a data registration mistake	NO
182716		ALB	AL06	Zheji	1500	Deletion required as it is a data registration mistake	NO
					3537		

! 4.2.04 Sites where "SITE_CODE" is duplicated

Number of detected records: 0

i 4.2.05 Sites where "SITE_CODE_NAT" was changed

Number of detected records: 0

! 4.2.06 Number of sites by designation where "SITE_CODE_NAT" is empty

It is very important that either SITE_CODE field or SITE_CODE_NAT field is NOT empty, because they both are relational key fields and it is not possible to perform any analysis with designated sites lists when at least one of those codes are not there.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29062

Legend - highlightings of result table fields

Valid sites number Number of sites where detected error should be corrected

Number of detected designations: 6

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AL01	National Park (category II)	13	100	83848.2	0	0	0
AL02	Strict Protected Area (category I)	4	100	14500	0	0	0
AL03	Managed Nature Reserve (category IV)	25	100	42248	0	0	0
AL05	Protected Landscape (category V)	2	40	53099.4	2	40	1987
AL06	Nature Monument (Category III)	749	99.47	8193.5	4	0.53	1550
AL09	Resource Reserve (category VI)	4	100	18245	0	0	0
		797	99.13	220134.1	6	0.75	3537

! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated

Number of detected records: 0

! 4.2.08 Sites where "ISO3" is empty or incorrect

Number of detected records: 0

? 4.2.09 Sites where "DESIG_ABBR" was changed

Number of detected records: 0

! 4.2.10 Sites where "DESIG_ABBR" is empty

Number of detected records: 0

! 4.2.11 Number of sites by designation where "DESIG_ABBR" is not present in "DESIGNATIONS" table

Number of detected designations: 0

i 4.2.12 Sites where "AREANAME" was changed

Number of detected records: 0

? 4.2.13 Number of sites by designation where "AREANAME" is empty

Number of detected designations: 0

i 4.2.14 Sites where "AREANAME" is duplicated

Although the site name is not really a key field result of that test is given to be checked at national level if it corresponds to national database and also still suggestion is to give site names at national level such way that they also can be unique if it is possible of course, it will also help any kind of statistical analysis also at national level.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28137

Number of detected records: 8

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME
182223		ALB	AL06	Kroi i Bardhë
182224		ALB	AL06	Kroi i Bardhë
182609		ALB	AL06	Shpella e Pëllumbave
182610		ALB	AL06	Shpella e Pëllumbave
101468		ALB	AL06	Vlashaj
182706		ALB	AL06	Vlashaj
101467		ALB	AL06	Zheji
182716		ALB	AL06	Zheji

i 4.2.15 Sites where "SIZE" was changed

When size entry of the site has changed it may refer to correction of error or real update of site record, please mark it properly at the EIONET_CHNG_TYPE field (see 4.2.34).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20262

Number of detected records: **1 (0.12 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE		NOTES
					old	new	
344		ALB	AL01	Mali i Dajtit	3300	29380	The existing National Park extended in July 2006, by Government Decree no. , dated
					3300	29380	

! 4.2.16 Number of sites by designation where "SIZE" is empty

Missing entries at SIZE field are affecting indicator production, because on a basis of size field designated area is counted per country. If site is very small or point object SIZE entry can be 0.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20262

Legend - highlightings of result table fields

Valid sites number Number of sites where detected error should be corrected

Number of detected designations: **1**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AL06	Nature Monument (Category III)	288	38.25	0	2	0.27	0
		288	35.82	0	2	0.25	0

! 4.2.17 Sites where "SIZE" is significantly different from respective GIS boundary area or where it is greater than ISO3 country reference size.

Number of detected records: **0**

i 4.2.18 Sites where "IUCNCAT" was changed

Number of detected records: **0**

! 4.2.19 Number of sites by designation where "IUCNCAT" is empty

Number of detected designations: **0**

! 4.2.20 Number of sites by IUCN category where "IUCNCAT" is not present in official list ("IUCNCATEGORIES" table)

Number of detected designations: **0**

i 4.2.21 Number of sites by designation where "NUTS" is empty

Number of detected designations: **0**

? 4.2.22 Sites where "YEAR" was changed

Change in establishment year of site could refer to correction of error or change in designation that means update of data, please mark it correctly also at the EIONET_CHNG_TYPE field (see 4.2.34) and if needed give remark to NOTES field.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=17090

Legend - highlightings of result table fields

NOTES Explanation is missing, error!

Number of detected records: **1 (0.12 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	YEAR		NOTES
						old	new	
344		ALB	AL01	Mali i Dajtit	29380	1966	2007	The existing National Park extended in July 2006, by Governmenr Decree no. , dated
					29380			

! 4.2.23 Number of sites by designation where "YEAR" is empty

Number of detected designations: **0**

! 4.2.24 Sites where "YEAR" is less than 1872 or greater than 2007

Number of detected records: **0**

! 4.2.25 Number of sites by designations where at least one of altitudes is empty

It is important for statistical purposes that altitude value of site is there.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18809

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23453

Legend - highlightings of result table fields

Valid sites number Number of sites where detected error should be corrected

Number of detected designations: **4**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AL01	National Park (category II)	2	15.38	8731.2	0	0	0
AL03	Managed Nature Reserve (category IV)	9	36	26883	0	0	0
AL06	Nature Monument (Category III)	209	27.76	3421.5	1	0.13	50
AL09	Resource Reserve (category VI)	1	25	5900	0	0	0
		221	27.49	44935.7	1	0.12	50

! 4.2.26 Sites where "ALTITUDE_MIN" is higher than "ALTITUDE_MAX"

Number of detected records: **0**

? 4.2.27 Sites where at least one of altitudes is out of reference elevation range of the country

Number of detected records: **0**

? 4.2.28 Sites where coordinates were changed

Change in coordinate entry could be just due to update in national database or correction of and error, but if change is remarkable it could refer to real error appearance (for example swapping or shifting in GIS). Please check test results and if needed make corrections. Also mark records properly at EIONET_CHNG_TYPE field (see 4.2.34).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825

Number of detected records: **209 (26 %)**

Tabular result is too long to display (> 50 records). Here is condensed list ("To be deleted" sites are excluded):

list of sites

344 (old: LAT empty LON empty; new: LAT 44.1166 LON 45.8661), 345 (old: LAT empty LON empty; new: LAT 44.3313 LON 46.2597), 346 (old: LAT empty LON empty; new: LAT 44.2664 LON 45.0789), 4679 (old: LAT empty LON empty; new: LAT 43.7257 LON 45.4168), 11663 (old: LAT empty LON empty; new: LAT 46.0513 LON 43.8015), 11664 (old: LAT empty LON empty; new: LAT 43.7413 LON 45.0671), 101424 (old: LAT empty LON empty; new: LAT 47.05 LON 44.2167), 101425 (old: LAT empty LON empty; new: LAT 44.7736 LON 45.0833), 101427 (old: LAT empty LON empty; new: LAT 44.0417 LON 45.165), 101440 (old: LAT empty LON empty; new: LAT 44.2556 LON 44.6264), 101443 (old: LAT empty LON empty; new: LAT 44.4357 LON 45.5565), 101444 (old: LAT empty LON empty; new: LAT 44.491 LON 45.3384), 101445 (old: LAT empty LON empty; new: LAT 44.4487 LON 45.417), 101446 (old: LAT empty LON empty; new: LAT 44.5003 LON 45.72), 101447 (old: LAT empty LON empty; new: LAT 43.7413 LON 45.0671), 101460 (old: LAT empty LON empty; new: LAT 44.8042 LON 44.854), 101461 (old: LAT empty LON empty; new: LAT 44.4601 LON 46.1022), 101462 (old: LAT empty LON empty; new: LAT 45.1033 LON 45.1203), 101463 (old: LAT empty LON empty; new: LAT 46.0333 LON 21.4833), 101464 (old: LAT empty LON empty; new: LAT 44.5833 LON 46.5833), 101465 (old: LAT empty LON empty; new: LAT 44.1083 LON 44.6667), 101466 (old: LAT empty LON empty; new: LAT 44.5306 LON 44.3639), 101467 (old: LAT empty LON empty; new: LAT 44.8333 LON 44.4889), 101468 (old: LAT empty LON empty; new: LAT 44.3261 LON 46.4244), 101471 (old: LAT empty LON empty; new: LAT 47.0167 LON 44.6667), 101473 (old: LAT empty LON empty; new: LAT 44.603 LON 45.61), 101474 (old: LAT empty LON empty; new: LAT 44.6167 LON 44.1722), 101744 (old: LAT empty LON empty; new: LAT 43.7251 LON 45.4559), 101745 (old: LAT empty LON empty; new: LAT 43.7413 LON 45.0671), 181967 (old: LAT empty LON empty; new: LAT 45.1917 LON 45.4347), 181968 (old: LAT empty LON empty; new: LAT 44.7097 LON 45.2993), 181969 (old: LAT empty LON empty; new: LAT 44.1357 LON 44.015), 181975 (old: LAT empty LON empty; new: LAT 44.48 LON 44.6883), 181977 (old: LAT empty LON empty; new: LAT 44.43 LON 44.8639), 181981 (old: LAT empty LON empty; new: LAT 44.8647 LON 44.4773), 181991 (old: LAT empty LON empty; new: LAT 45.0903 LON 44.4708), 182016 (old: LAT empty LON empty; new: LAT 45.6103 LON 44.7528), 182017 (old: LAT empty LON empty; new: LAT 44.8528 LON 44.8694), 182019 (old: LAT empty LON empty; new: LAT 44.059 LON 44.396), 182043 (old: LAT empty LON empty; new: LAT 20.443 LON 40.5452), 182044 (old: LAT empty LON empty; new: LAT 44.8713 LON 44.3588), 182049 (old: LAT empty LON empty; new: LAT 45.7408 LON 44.3903), 182057 (old: LAT empty LON empty; new: LAT 46.145 LON 44.0158), 182059 (old: LAT empty LON empty; new: LAT 44.3972 LON 44.4917), 182064 (old: LAT empty LON empty; new: LAT 44.9333 LON 44.2756), 182067 (old: LAT empty LON empty; new: LAT 43.793 LON 45.794), 182074 (old: LAT empty LON empty; new: LAT 45.0236 LON 44.4847), 182084 (old: LAT empty LON empty; new: LAT 44.7847 LON 45.7347), 182086 (old: LAT empty LON empty; new: LAT 43.6298 LON 44.9355), 182087 (old: LAT empty LON empty; new: LAT 43.7103 LON 45.3668), 182088 (old: LAT empty LON empty; new: LAT 19.2556 LON 40.7542), 182097 (old: LAT empty LON empty; new: LAT 45.7514 LON 44.5375), 182098 (old: LAT empty LON empty; new: LAT 45.7711 LON 44.5019), 182109 (old: LAT empty LON empty; new: LAT 45.9714 LON 44.5736), 182110 (old: LAT empty LON empty; new: LAT 46.275 LON 44.0194), 182116 (old: LAT empty LON empty; new: LAT 45.1639 LON 44.2917), 182119 (old: LAT empty LON empty; new: LAT 44.8667 LON 45.175), 182120 (old: LAT empty LON empty; new: LAT 46.2075 LON 44.6139), 182123 (old: LAT empty LON empty; new: LAT 44.9564 LON 44.1583), 182124 (old: LAT empty LON empty; new: LAT 43.7182 LON 45.4204), 182135 (old: LAT empty LON empty; new: LAT 46.3033 LON 44.0556), 182137 (old: LAT empty LON empty; new: LAT 44.0069 LON 46.0375), 182138 (old: LAT empty LON empty; new: LAT 44.0556 LON 46.5833), 182139 (old: LAT empty LON empty; new: LAT 38.65 LON 53.9), 182146 (old: LAT empty LON empty; new: LAT 23.4 LON 67.1167), 182167 (old: LAT empty LON empty; new: LAT 45.5228 LON 44.0431), 182172 (old: LAT empty LON empty; new: LAT 46.2 LON 44.3667), 182175 (old: LAT empty LON empty; new: LAT 43.7429 LON 45.4036), 182177 (old: LAT empty LON empty; new: LAT 44.1488 LON 44.0193), 182178 (old: LAT empty LON empty; new: LAT 44.9339 LON 44.1069), 182183 (old: LAT empty LON empty; new: LAT 44.4667 LON 44.37), 182189 (old: LAT empty LON empty; new: LAT 26.4833 LON 56.95), 182190 (old: LAT empty LON empty; new: LAT 44.835 LON 44.365), 182207 (old: LAT empty LON empty; new: LAT 44.9113 LON 44.3875), 182213 (old: LAT empty LON empty; new: LAT 43.05 LON 46.1194), 182217 (old: LAT empty LON empty; new: LAT 45.1222 LON 44.3375), 182221 (old: LAT empty LON empty; new: LAT 44.9213 LON 44.4875), 182228 (old: LAT empty LON empty; new: LAT 44.1292 LON 46.6567), 182229 (old: LAT empty LON empty; new: LAT 43.7407 LON 45.2124), 182230 (old: LAT empty LON empty; new: LAT 43.5977 LON 45.0042), 182235 (old: LAT empty LON empty; new: LAT 49.5583 LON 29.5167), 182236 (old: LAT empty LON empty; new: LAT 44.9506 LON 46.0192), 182237 (old: LAT empty LON empty; new: LAT 45.6103 LON 44.1269), 182240 (old: LAT empty LON empty; new: LAT 45.5583 LON 44.0575), 182242 (old: LAT empty LON empty; new: LAT 44.5692 LON 46.1669), 182245 (old: LAT empty LON empty; new: LAT 44.3375 LON 46.2364), 182246 (old: LAT empty LON empty; new: LAT 44.337 LON 46.2988), 182250 (old: LAT empty LON empty; new: LAT 45.0681 LON 45.9167), 182251 (old: LAT empty LON empty; new: LAT 44.8847 LON 45.9189), 182266 (old: LAT empty LON empty; new: LAT 45.7319 LON 44.5972), 182273 (old: LAT empty LON empty; new: LAT 46.2506 LON 47.5547), 182279 (old: LAT empty LON empty; new: LAT 19.7667 LON 41.025), 182283 (old: LAT empty LON empty; new: LAT 45.0931 LON 44.0972), 182292 (old: LAT empty LON empty; new: LAT 45.3931 LON 44.1186), 182293 (old: LAT empty LON empty; new: LAT 44.9881 LON 44.3069), 182297 (old: LAT empty

LON empty; new: LAT 45.2514 LON 44.0575), 182316 (old: LAT empty LON empty; new: LAT 45.6333 LON 44.1506), 182317 (old: LAT empty LON empty; new: LAT 44.5669 LON 46.2022), 182318 (old: LAT empty LON empty; new: LAT 29.3 LON 56.57), 182320 (old: LAT empty LON empty; new: LAT 45.6117 LON 44.6375), 182321 (old: LAT empty LON empty; new: LAT 44.0722 LON 46.6686), 182327 (old: LAT empty LON empty; new: LAT 45.15 LON 45.9017), 182329 (old: LAT empty LON empty; new: LAT 45.7375 LON 44.7236), 182331 (old: LAT empty LON empty; new: LAT 45.0792 LON 45.1667), 182337 (old: LAT empty LON empty; new: LAT 45.3 LON 44.1569), 182342 (old: LAT empty LON empty; new: LAT 30.5167 LON 64.0833), 182353 (old: LAT empty LON empty; new: LAT 45.7222 LON 44.5556), 182359 (old: LAT empty LON empty; new: LAT 43.7282 LON 45.4288), 182361 (old: LAT empty LON empty; new: LAT 43.8056 LON 44.5307), 182363 (old: LAT empty LON empty; new: LAT 45.095 LON 44.7069), 182366 (old: LAT empty LON empty; new: LAT 19.4017 LON 40.9717), 182369 (old: LAT empty LON empty; new: LAT 44.1417 LON 46.3028), 182370 (old: LAT empty LON empty; new: LAT 44.2639 LON 46.6194), 182372 (old: LAT empty LON empty; new: LAT 45.0756 LON 44.6075), 182373 (old: LAT empty LON empty; new: LAT 46.2806 LON 44.6069), 182384 (old: LAT empty LON empty; new: LAT 45.2006 LON 44.3186), 182388 (old: LAT empty LON empty; new: LAT 45.51 LON 44.4333), 182391 (old: LAT empty LON empty; new: LAT 44.1621 LON 44.0379), 182396 (old: LAT empty LON empty; new: LAT 44.3111 LON 46.0361), 182397 (old: LAT empty LON empty; new: LAT 45.6417 LON 44.1186), 182399 (old: LAT empty LON empty; new: LAT 45.1692 LON 45.2911), 182403 (old: LAT empty LON empty; new: LAT 43.6501 LON 44.8713), 182416 (old: LAT empty LON empty; new: LAT 44.4995 LON 44.5175), 182417 (old: LAT empty LON empty; new: LAT 44.5385 LON 44.103), 182429 (old: LAT empty LON empty; new: LAT 44.6528 LON 46.65), 182431 (old: LAT empty LON empty; new: LAT 44.5444 LON 45.4689), 182432 (old: LAT empty LON empty; new: LAT 45.9006 LON 44.3833), 182433 (old: LAT empty LON empty; new: LAT 44.0353 LON 46.5383), 182434 (old: LAT empty LON empty; new: LAT 45.1181 LON 44.0903), 182439 (old: LAT empty LON empty; new: LAT 44.2972 LON 44.2978), 182440 (old: LAT empty LON empty; new: LAT 46.1542 LON 44.6394), 182445 (old: LAT empty LON empty; new: LAT 44.7514 LON 46.1344), 182448 (old: LAT empty LON empty; new: LAT 46.0583 LON 44.4908), 182449 (old: LAT empty LON empty; new: LAT 19.8611 LON 41.0917), 182450 (old: LAT empty LON empty; new: LAT 44.9547 LON 44.3986), 182451 (old: LAT empty LON empty; new: LAT 44.8181 LON 45.9672), 182454 (old: LAT empty LON empty; new: LAT 44.1889 LON 44.5361), 182462 (old: LAT empty LON empty; new: LAT 45.1542 LON 44.3931), 182468 (old: LAT empty LON empty; new: LAT 44.322 LON 44.224), 182473 (old: LAT empty LON empty; new: LAT 19.6183 LON 40.7344), 182478 (old: LAT empty LON empty; new: LAT 45.2283 LON 44.0881), 182479 (old: LAT empty LON empty; new: LAT 41.7 LON 63.05), 182480 (old: LAT empty LON empty; new: LAT 44.3694 LON 46.4222), 182481 (old: LAT empty LON empty; new: LAT 45.0583 LON 44.2903), 182482 (old: LAT empty LON empty; new: LAT 35.6 LON 62.0333), 182486 (old: LAT empty LON empty; new: LAT 44.7672 LON 46.0689), 182487 (old: LAT empty LON empty; new: LAT 44.6583 LON 45.9768), 182492 (old: LAT empty LON empty; new: LAT 19.8 LON 40.0333), 182494 (old: LAT empty LON empty; new: LAT 45.0047 LON 44.1764), 182496 (old: LAT empty LON empty; new: LAT 45.4806 LON 44.5514), 182497 (old: LAT empty LON empty; new: LAT 45.9 LON 44.4042), 182501 (old: LAT empty LON empty; new: LAT 45.6672 LON 44.2519), 182505 (old: LAT empty LON empty; new: LAT 43.9748 LON 46.0258), 182507 (old: LAT empty LON empty; new: LAT 44.5389 LON 46.5583), 182509 (old: LAT empty LON empty; new: LAT 45.8714 LON 44.4486), 182511 (old: LAT empty LON empty; new: LAT 44.3861 LON 44.4014), 182512 (old: LAT empty LON empty; new: LAT 45.1458 LON 44.2333), 182513 (old: LAT empty LON empty; new: LAT 45.2589 LON 45.25), 182517 (old: LAT empty LON empty; new: LAT 44.4917 LON 45.0583), 182518 (old: LAT empty LON empty; new: LAT 44.5192 LON 46.2178), 182523 (old: LAT empty LON empty; new: LAT 44.5917 LON 45.0403), 182529 (old: LAT empty LON empty; new: LAT 19.5011 LON 40.6917), 182530 (old: LAT empty LON empty; new: LAT 44.3611 LON 44.4222), 182532 (old: LAT empty LON empty; new: LAT 29.5 LON 76.2833), 182533 (old: LAT empty LON empty; new: LAT 44.4014), 182536 (old: LAT empty LON empty; new: LAT 43.8036 LON 46.3293), 182541 (old: LAT empty LON empty; new: LAT 45.6569 LON 44.5292), 182547 (old: LAT empty LON empty; new: LAT 44.4806 LON 44.4472), 182548 (old: LAT empty LON empty; new: LAT 44.0083 LON 46.6542), 182549 (old: LAT empty LON empty; new: LAT 44.5764 LON 45.9562), 182550 (old: LAT empty LON empty; new: LAT 44.7611 LON 44.9083), 182552 (old: LAT empty LON empty; new: LAT 29.5 LON 72.2), 182556 (old: LAT empty LON empty; new: LAT 46.0839 LON 44.6144), 182562 (old: LAT empty LON empty; new: LAT 44.2694 LON 46.2194), 182563 (old: LAT empty LON empty; new: LAT 45.1083 LON 44.1853), 182572 (old: LAT empty LON empty; new: LAT 41.7 LON 55.9333), 182580 (old: LAT empty LON empty; new: LAT 45.9819 LON 44.2394), 182588 (old: LAT empty LON empty; new: LAT 45.0389 LON 44.4458), 182595 (old: LAT empty LON empty; new: LAT 44.8728 LON 44.0264), 182596 (old: LAT empty LON empty; new: LAT 44.9825 LON 44.3736), 182597 (old: LAT empty LON empty; new: LAT 45.975 LON 44.3353), 182603 (old: LAT empty LON empty; new: LAT 33.5667 LON 68.15), 182604 (old: LAT empty LON empty; new: LAT 45.07 LON 44.4269), 182606 (old: LAT empty LON empty; new: LAT 30.5167 LON 77.3), 182612 (old: LAT empty LON empty; new: LAT 45.4667 LON 44.6167), 182619 (old: LAT empty LON empty; new: LAT 38.65 LON 66.1), 182622 (old: LAT empty LON empty; new: LAT 45.2653 LON 44.0778), 182623 (old: LAT empty LON empty; new: LAT 29.5 LON 56.95), 182624 (old: LAT empty LON empty; new: LAT 46.1903 LON 44.5839), 182630 (old: LAT empty LON empty; new: LAT 44.1639 LON 44.5694), 182649 (old: LAT empty LON empty; new: LAT 45.0017 LON 45.8525), 182655 (old: LAT empty LON empty; new: LAT 4.03558e+008 LON 20.1445), 182657 (old: LAT empty LON empty; new: LAT 44.3135 LON 44.2145), 182662 (old: LAT empty LON empty; new: LAT 46.2006 LON 44.5589), 182666 (old: LAT empty LON empty; new: LAT 44.9686 LON 44.195), 182672 (old: LAT empty LON empty; new: LAT 45.425 LON 44.1917), 182676 (old: LAT empty LON empty; new: LAT 44.4722 LON 44.4306), 182679 (old: LAT empty LON empty; new: LAT 44.9006 LON 44.1875), 182687 (old: LAT empty LON empty; new: LAT 45.1375 LON 44.15), 182693 (old: LAT empty LON empty; new: LAT 44.5639 LON 44.2889), 182703 (old: LAT empty LON empty; new: LAT 19.8306 LON 41.05)

! 4.2.29 Number of sites by designations where at least one of coordinates is empty

If both or at least one of coordinates is missing and also digital boundaries of those sites are not available or are delivered without SITE_CODE, those records can not be used in reports of designated areas where over-European or global level maps are important.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550

Legend - highlightings of result table fields

Valid sites number Number of sites where detected error should be corrected

Number of detected designations: **2**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AL05	Protected Landscape (category V)	0	0	0	1	20	617
AL06	Nature Monument (Category III)	554	73.57	1751	3	0.4	50
		554	68.91	1751	4	0.5	667

! 4.2.30 Sites where coordinates are outside of reference geographic area of the country

That test is checking if coordinates delivered are really falling to national geographic area of country they come from. If not result is there to be checked and if needed to be corrected at national level. Reference GIS source is of small scale (1:1000000) therefore the test doesn't need to be utterly accurate.

Result was also transformed to KML file which can be downloaded from the same location as this report. KML is a file format used to display geographic data in an Earth browser, such as Google Earth. You may use this file and browser to check the result more conveniently.

GIS source for country geographic area is Vmap0 World Dataset, available at the following URL:

http://www.mapability.com/index1.html?http&&www.mapability.com/info/vmap0_index.html

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550

Number of detected records: **214 (26.62 %)**

Tabular result is too long to display (> 50 records). Here is condensed list ("To be deleted" sites are excluded):

list of sites
, 344, 345, 346, 4679, 11663, 11664, 11666, 11675, 11680, 11682, 12444, 12445, 15172, 62074, 101424, 101425, 101427, 101440, 101443, 101444, 101445, 101446, 101447, 101460, 101461, 101462, 101463, 101464, 101465, 101466, 101467, 101468, 101470, 101471, 101473, 101474, 101744, 101745, 181967, 181968, 181969, 181975, 181977, 181981, 181991, 182016, 182017, 182019, 182043, 182044, 182049, 182057, 182059, 182064, 182067, 182074, 182084, 182086, 182087, 182088, 182097, 182098, 182109, 182110, 182116, 182119, 182120, 182123, 182124, 182135, 182137, 182138, 182139, 182146, 182167, 182172, 182175, 182177, 182178, 182183, 182189, 182190, 182207, 182213, 182217, 182221, 182228, 182229, 182230, 182235, 182236, 182237, 182240, 182242, 182245, 182246, 182250, 182251, 182266, 182273, 182279, 182283, 182292, 182293, 182297, 182316, 182317, 182318, 182320, 182321, 182327, 182329, 182331, 182337, 182342, 182353, 182359, 182361, 182363, 182366, 182369, 182370, 182372, 182373, 182384, 182388, 182391, 182396, 182397, 182399, 182403, 182416, 182417, 182429, 182431, 182432, 182433, 182434, 182439, 182440, 182445, 182448, 182449, 182450, 182451, 182454, 182462, 182468, 182473, 182478, 182479, 182480, 182481, 182482, 182486, 182487, 182492, 182494, 182496, 182497, 182501, 182505, 182507, 182509, 182511, 182512, 182513, 182517, 182518, 182523, 182529, 182530, 182532, 182533, 182536, 182541, 182547, 182548, 182549, 182550, 182552, 182556, 182562, 182563, 182572, 182580, 182588, 182595, 182596, 182597, 182603, 182604, 182606, 182610, 182612, 182619, 182622, 182623, 182624, 182630, 182649, 182655, 182657, 182662, 182666, 182672, 182676, 182679, 182687, 182693, 182703

i 4.2.31 Sites where coordinates are duplicated

Site coordinate duplication could refer to an error if designation of sites is same. Please check results and if needed make corrections.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550

Number of detected records: **7**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
182254		ALB	AL06	Liçeni i Zi,Lenie		40.8	20.41667
182330		ALB	AL06	Moçalet e Grabovës	48	40.8	20.41667
182425		ALB	AL06	Robulli i Grabovës	8	40.8	20.41667
182426		ALB	AL06	Robulli i Valamarës	10	40.8	20.41667
15172		ALB	AL03	Qafe Molle-Derje	3300	43.74133	45.06713
101447		ALB	AL03	Dardhe-Xhyre	400	43.74133	45.06713
101745		ALB	AL03	Levan	200	43.74133	45.06713
					3966		

i 4.2.32 Number of sites by designation where "NOTES" is not empty

Result is just informational.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=25701

Number of detected designations: **3**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AL01	National Park (category II)	4	30.77	43221.2	0	0	0
AL05	Protected Landscape (category V)	0	0	25266.4	2	40	1987
AL06	Nature Monument (Category III)	0	0	0	4	0.53	1550
		4	0.5	68487.6	6	0.75	3537

! 4.2.33 Sites marked to be deleted but where "NOTES" is empty

Number of detected records: **0**

? 4.2.34 Edited records and analysis of EIONET fields

Please always mark your editing at the fields EIONET_CHNG_TYPE, EIONET_CHNG_DATE, EIONET_EDITED_BY and EIONET_INSTITUTE. This test is giving your editing recording results for you to check and for validation purposes.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27745

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28022

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=24470

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26591

Number of detected records: **210 (26.12 %)**

Tabular result is too long to display (> 200 records). Here is short summary:

Number of edited sites where EIONET_CHNG_DATE is either empty or it wasn't changed: **210**
 Number of edited sites where EIONET_CHNG_TYPE is either empty or incorrect: **210**
 Number of edited sites where EIONET_EDITED_BY is empty: **210**
 Number of edited sites where EIONET_INSTITUTE is empty: **210**

condensed list of edited sites ("To_be_deleted" sites are excluded)

344, 345, 346, 4679, 11663, 11664, 11666, 11675, 11680, 11682, 12444, 12445, 15172, 101424, 101425, 101427, 101440, 101443, 101444, 101445, 101446, 101447, 101460, 101461, 101462, 101463, 101464, 101465, 101466, 101467, 101468, 101471, 101473, 101474, 101744, 101745, 181967, 181968, 181969, 181975, 181977, 181981, 181991, 182016, 182017, 182019, 182043, 182044, 182049, 182057, 182059, 182064, 182067, 182074, 182084, 182086, 182087, 182088, 182097, 182098, 182109, 182110, 182116, 182119, 182120, 182123, 182124, 182135, 182137, 182138, 182139, 182146, 182167, 182172, 182175, 182177, 182178, 182183, 182189, 182190, 182207, 182213, 182217, 182221, 182228, 182229, 182230, 182235, 182236, 182237, 182240, 182242, 182245, 182246, 182250, 182251, 182266, 182273, 182279, 182283, 182292, 182293, 182297, 182316, 182317, 182318, 182320, 182321, 182327, 182329, 182331, 182337, 182342, 182353, 182359, 182361, 182363, 182366, 182369, 182370, 182372, 182373, 182384, 182388, 182391, 182396, 182397, 182399, 182403, 182416, 182417, 182429, 182431, 182432, 182433, 182434, 182439, 182440, 182445, 182448, 182449, 182450, 182451, 182454, 182462, 182468, 182473, 182478, 182479, 182480, 182481, 182482, 182486, 182487, 182492, 182494, 182496, 182497, 182501, 182505, 182507, 182509, 182511, 182512, 182513, 182517, 182518, 182523, 182529, 182530, 182532, 182533, 182536, 182541, 182547, 182548, 182549, 182550, 182552, 182556, 182562, 182563, 182572, 182580, 182588, 182595, 182596, 182597, 182603, 182604, 182606, 182612, 182619, 182622, 182623, 182624, 182630, 182649, 182655, 182657, 182662, 182666, 182672, 182676, 182679, 182687, 182693, 182703

4.3 Sitehabitats table

Table contains no records!