

**Catalogue of MARS GIS layers for WP 5.1.2 -groundwater analyses, version 1**

**Data available in**

**“mars\_gwb\_20151021.gdb” as**

**ESRI GEODATABASE format at:**

**http://www3.fgg.uni-lj.si/~/mars/MARS\_GWB\_20151021.gdb/**

**WP 5.1.1**

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**21.10.2015**



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| --- | --- |
| Title | **WISE WFD groundwater chemical status** |
| Name od feature class | m\_gwb\_chem |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Chemical status of groundwater bodies |
| Author / Custodian / Contact | CHMI (Vit Kodes), University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | vector (polygon) |
| Spatial Resolution / Equivalent Scale |  |
| Spatial Extent | EU-27 countries |
| Distribution Format | ESRI geodatabase feature class |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | Directorate-General for Environment (DG ENV)http://www.eea.europa.eu/data-and-maps/data/wise-groundwater#tab-gis-datam\_geodatabase\_extent |
| Additional Information, Comments | Legend for chemical status: 0 - unknown, 1 - good, 2 – poor,Slovenian chemical status data added.  |
| Number of records | 3 |
| List of attributes | Id, chemical\_status |

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| Title | **WISE WFD groundwater chemical status as 1km2 raster** |
| Name od feature class | m\_gwb\_chem\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Chemical status of groundwater bodies |
| Author / Custodian / Contact | CHMI (Vit Kodes), University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km \* 1 km  |
| Spatial Extent | EU-27 countries |
| Distribution Format | ESRI geodatabase feature class |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | Directorate-General for Environment (DG ENV)http://www.eea.europa.eu/data-and-maps/data/wise-groundwater#tab-gis-datam\_geodatabase\_extent |
| Additional Information, Comments | Legend for chemical status: 0 - unknown, 1 - good, 2 – poor,Slovenian chemical status data added.  |
| Number of records | 3 |
| List of attributes | Id, chemical\_status |

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| Title | **1 km2 polygon** |
| Name od feature class | m\_1km2\_grid\_polygon |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | 1 km2 reference grid for all 1km2 raster datasets (1km × 1 km polygons) |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | vector (polygon) |
| Spatial Resolution / Equivalent Scale | 1 km  |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase feature class |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | EEA reference grids: <http://www.eea.europa.eu/data-and-maps/data/eea-reference-grids>m\_geodatabase\_extent |
| Additional Information, Comments | Feature m\_gwb\_chem\_1km2 vectorised  |

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| Title | **1 km2 grid** |
| Name od feature class | m\_1km2\_grid\_raster |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | 1 km2 reference grid for all 1km2 raster datasets (empty 1 km × 1km raster) |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | EEA reference grids: <http://www.eea.europa.eu/data-and-maps/data/eea-reference-grids>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| --- | --- |
| Title | **Population count on 1 km2 grid** |
| Name od feature class | m\_population\_count\_gpw\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Number of inhabitants per grid cell |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | SEDAC, Gridded Population of the World, population Count Grid, v3<http://sedac.ciesin.columbia.edu/data/set/gpw-v3-population-count>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| Title | **Population density on 1 km2 grid** |
| Name od feature class | m\_population\_density\_gpw\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | population density [inhabitants/km2] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | Europe |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | SEDAC, Gridded Population of the World, Population Density Grid, v3<http://sedac.ciesin.columbia.edu/data/set/gpw-v3-population-density>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| Title | **Average winter precipitation 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_pp\_djf\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average winter 3 months precipitation for period 1950-2000 [mm] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average winter precipitation for period 1950 – 2000 is sum of three winter months (December, January and February) average monthly precipitation. |

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| Title | **Average spring precipitation 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_pp\_mam\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average spring 3 months precipitation for period 1950-2000 [mm] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average spring precipitation for period 1950 – 2000 is sum of three spring months (March, April, May) average monthly precipitation. |

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| Title | **Average summer precipitation 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_pp\_jja\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average summer 3 months precipitation for period 1950-2000 [mm] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average summer precipitation for period 1950 – 2000 is sum of three summer months (June, July, August) average monthly precipitation. |

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| Title | **Average autumn precipitation 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_pp\_son\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average autumn 3 months precipitation for period 1950-2000 [mm] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average autumn precipitation for period 1950 – 2000 is sum of three autumn months (September, October, November) average monthly precipitation. |

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| Title | **Average yearly temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average yearly temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| Title | **Average January monthly temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t1\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average January monthly temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| Title | **Average July monthly temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t7\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average July monthly temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments |  |

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| Title | **Average winter temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t\_djf\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average winter 3 months temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average winter temperature for period 1950 – 2000 is average of three winter months (December, January and February) average monthly temperature. |

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| Title | **Average spring temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t\_mam\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average spring 3 months temperature for period 1950-2000 [°C \* 10]  |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average spring temperature for period 1950 – 2000 is average of three spring months (March, April, May) average monthly temperature. |

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| Title | **Average summer temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t\_jja\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average summer 3 months temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average summer temperature for period 1950 – 2000 is average of three summer months (June, July, August) average monthly temperature. |

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| Title | **Average autumn temperature 1950 – 2000 on 1 km2 grid** |
| Name od feature class | m\_t\_son\_1950\_2000\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | average summer 3 months temperature for period 1950-2000 [°C \* 10] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | WorldClim, version 1.4: <http://www.worldclim.org/>m\_geodatabase\_extent |
| Additional Information, Comments | Average autumn temperature for period 1950 – 2000 is average of three autumn months (September, October, November) average monthly temperature. |

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| Title | **MARS land cover 10 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_10\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 10 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table below).

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| **CLC\_code** | **Label 2** | **raster\_1km2\_category** |
| 11 | Urban fabric | 10 |
| 12 | Industrial, commercial and transport units |
| 13 | Mine, dump and construction sites |
| 14 | Artificial, non-agricultural vegetated areas |
| 21 | Arable land | 21 |
| 22 | Permanent crops | 20 |
| 23 | Pastures |
| 24 | Heterogeneous agricultural areas |
| 31 | Forests | 30 |
| 32 | Scrub and/or herbaceous vegetation associations |
| 33 | Open spaces with little or no vegetation |
| 41 | Inland wetlands | 40 |
| 42 | Maritime wetlands |
| 51 | Inland waters | 50 |
| 52 | Marine waters |

Category 10 is identical to CLC label 1 category 1 (artificial surfaces). |

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| Title | **MARS land cover 21 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_21\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 21 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table at “MARS land cover 10 on 1 km2 grid” raster dataset).Category 21 is identical to CLC label 2 category 21 (arable land). |

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| Title | **MARS land cover 20 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_20\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 20 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table at “MARS land cover 10 on 1 km2 grid” raster dataset).Category 20 unites CLC label 2 categories 22 (permanent crops), 23 (pastures) and 24 (heterogeneous agricultural areas). |

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| Title | **MARS land cover 30 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_30\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 30 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table at “MARS land cover 10 on 1 km2 grid” raster dataset).Category 30 is identical to CLC label 1 category 3 (forest and semi natural areas). |

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| Title | **MARS land cover 40 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_40\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 40 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table at “MARS land cover 10 on 1 km2 grid” raster dataset).Category 40 is identical to CLC label 1 category 4 (wetlands). |

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| Title | **MARS land cover 50 on 1 km2 grid** |
| Name od feature class | m\_land\_cover\_50\_1km2 |
| Current version | 1.0 |
| Status |  |
| Creation / Publication Date / Last Update | 30.9.2015 |
| Abstract / Definition | Share of land cover category 50 per 1km2 grid cell [%] |
| Author / Custodian / Contact | University of Ljubljana |
| Maintenance / Planned Update |  |
| Spatial representation type | raster |
| Spatial Resolution / Equivalent Scale | 1 km × 1 km |
| Spatial Extent | MARS geodatabase extent |
| Distribution Format | ESRI geodatabase raster dataset |
| Dataset Location | MARS\_GWB\_20151021.gdb<http://www3.fgg.uni-lj.si/~/mars/MARS_GWB_20151021.gdb/> |
| Data Sources | m\_land\_coverm\_geodatabase\_extent |
| Additional Information, Comments | The basis for this feature class is “MARS land cover” raster dataset (m\_land\_cover). CLC label 2 categories have been merged in six new categories and for each of these categories separate raster dataset resampled to 1 km2 grid has been done (see table at “MARS land cover 10 on 1 km2 grid” raster dataset).Category 50 is identical to CLC label 1 category 5 (water bodies). |