

## European catchments and Rivers network system (Ecrins), rivers - version 1, Jun. 2012

This dataset contains the "river segments" datasets of Ecrins v1.0.

River segments mimic the surface rivers on a simplified way, allowing simple journeying. As for FECs, but completed because of the process, any segment may have 0, 1 or 2 upstream and single downstream. The reason for single upstream is because spurious branching segments have been removed (~160,000) from CCM source during the Ecrins making.

The segments mimic rivers that are cultural, not simply defined objects. The "dummy rivers" (ID is CGENELIN) branches together all the segments which spring is most distant to the sea, then second most distant and connecting to this first set of segments, etc. the "true rivers" are those sets of segments having the same name, disregarding translation (segments on the Rheine, Rhin, etc. have same river ID). Name of true rivers is hosted in the EcrGaz database.

Dummy rivers maybe sorted out as "main drains" that either connect FECs together (continental FECs) or are the most important in a coastal FEC. Main drains are hence the potential population of "WFD large rivers", since the FEC average size is ~1/10 of the threshold catchment size of main rivers.

The geodatabases contains two feature classes: C\_Tr where all segments lines are. This table links to FECs, since a FEC may contain several segments. Feature class C\_node contains all nodes, making implicit the flow direction that is identified in C\_tr by FNode (from node) and TNode (to node).

Field River\_ID links to flat table RivNames in EcrGaz personal geodatabase

Full documentation is in EEA technical report 9/2012, downloadable from the EEA website.

### Simple

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| <b>Date (Creation)</b>                     | 2012-06-08   |                        |  |
| <b>Edition</b>                             | 01.00  |                        |  |
| <b>Citation identifier</b>                 | eea_v_3035_250_k_eocrins-rivers_p_1990-2006_v01_r00  |                        |  |
| <b>Citation identifier</b>                 | DAT-120-en   |                        |  |
| <b>Point of contact</b>                    | <b>Organisation name</b>   | <b>Individual name</b> | <b>Electronic mail address</b> <b>Website</b> <b>Role</b>  |
|  | European Environment Agency  |                        | sdi@eea.europa.eu <a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a> Point of contact |
|  | European Environment Agency  |                        | sdi@eea.europa.eu <a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a> Custodian        |
| <b>Maintenance and update frequency</b>    | Irregular  |                        |  |
| <b>GEMET - INSPIRE themes, version 1.0</b> | <ul style="list-style-type: none"> <li>Hydrography</li> </ul>  |                        |  |
| <b>Keywords</b>                            |  |                        |  |
| <b>Keywords</b>                            |  |                        |  |
| <b>GEMET</b>                               | <ul style="list-style-type: none"> <li>hydrography</li> </ul>  |                        |  |
| <b><a href="#">Spatial scope</a></b>       | <ul style="list-style-type: none"> <li><a href="#">European</a></li> </ul>   |                        |  |
| <b>EEA topics</b>                          | <ul style="list-style-type: none"> <li>Water</li> </ul>  |                        |  |
| <b>EEA Management Plan</b>                 | <ul style="list-style-type: none"> <li>2012 1.4.1</li> </ul>   |                        |  |
| <b>Use limitation</b>                      | EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA). |                        |  |
| <b>Access constraints</b>                  | Other restrictions   |                        |  |

|                                    |   |
|------------------------------------|---|
| <b>Other constraints</b>           | <a href="#">no limitations to public access</a>                 |
| <b>Aggregate Datasetidentifier</b> | 88bc8c56-55d6-45a4-91bf-a03843b3e3e7                            |
| <b>Association Type</b>            | Larger work citation  |
| <b>Spatial representation type</b> | Vector  |
| <b>Denominator</b>                 | 250000  |
| <b>Language of dataset</b>         | English   |
| <b>Character set</b>               | UTF8  |
| <b>Topic category</b>              | <ul style="list-style-type: none"><li>• Inland waters</li></ul> |

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| <b>Begin date</b>                             | 1990-01-01  |   |  |
| <b>End date</b>                               | 2006-12-31  |   |  |
| <b>Coordinate reference system identifier</b> | <a href="#">EPSG:3035</a>   |   |  |
| <b>Distribution format</b>                    | <ul style="list-style-type: none"> <li>• Spatialite ( )</li> <li>• Microsoft Access (.mdb, .accdb) ( )</li> </ul>     |   |  |
| <b>OnLine resource</b>                        | <b>Protocol</b><br>EEA:FILEPATH<br><br>WWW:URL<br><br>ESRI:REST<br><br>OGC:WMS<br><br>WWW:DOWNLOAD-1.0-http--download | <b>Linkage</b><br><a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_250_k_ecrins_p_1990-2006_v01_r00/eea_v_3035_250_k_ecrins-rivers_p_1990-2006_v01_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_250_k_ecrins_p_1990-2006_v01_r00/eea_v_3035_250_k_ecrins-rivers_p_1990-2006_v01_r00/</a><br><a href="https://sdi.eea.europa.eu/data/0176688a-1d75-45bc-8419-aaf45a59a72f">https://sdi.eea.europa.eu/data/0176688a-1d75-45bc-8419-aaf45a59a72f</a><br><br><a href="https://water.discomap.eea.europa.eu/arcgis/rest/services/ECrins/ECRINS_EuropeanDrainageNetwork/MapServer">https://water.discomap.eea.europa.eu/arcgis/rest/services/ECrins/ECRINS_EuropeanDrainageNetwork/MapServer</a><br><a href="https://water.discomap.eea.europa.eu/arcgis/services/ECrins/ECRINS_EuropeanDrainageNetwork/MapServer/WMServer?request=GetCapabilities&amp;service=WMS">https://water.discomap.eea.europa.eu/arcgis/services/ECrins/ECRINS_EuropeanDrainageNetwork/MapServer/WMServer?request=GetCapabilities&amp;service=WMS</a><br><a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/88bc8c56-55d6-45a4-91bf-a03843b3e3e7/attachments/EEA%20Catchments%20and%20Rivers%20Network%20System%20ECRINSv1_1.pdf">https://sdi.eea.europa.eu/catalogue/srv/api/records/88bc8c56-55d6-45a4-91bf-a03843b3e3e7/attachments/EEA%20Catchments%20and%20Rivers%20Network%20System%20ECRINSv1_1.pdf</a> | <b>Name</b><br><br><br>Direct download<br><br><br><br><br><br>GIS data documentation |
| <b>Hierarchy level</b>                        | Dataset   |   |  |

## Conformance result

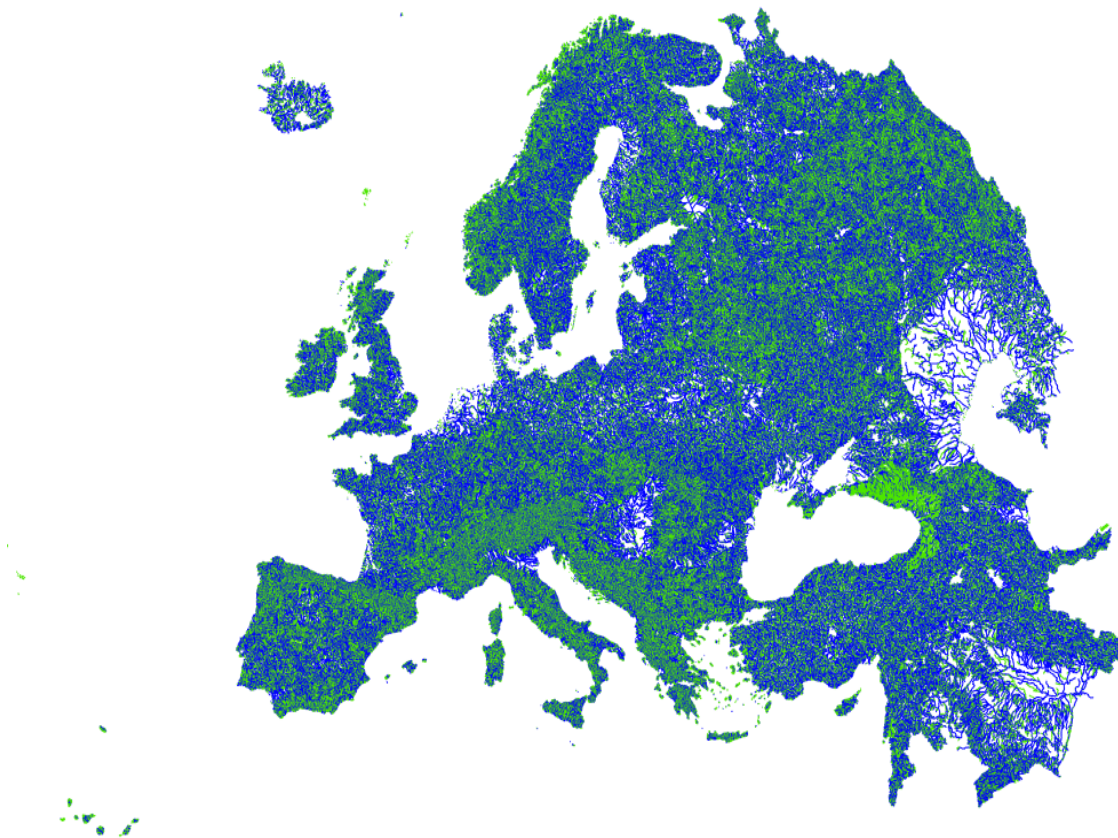
|                           |  |
|---------------------------|--|
| <b>Date (Publication)</b> | 2010-12-08   |
| <b>Explanation</b>        | See the referenced specification   |
| <b>Statement</b>          | <p>This dataset is derived from the segments and nodes data sets produced by CCM. Significant reprocessing has been carried out to clean the data sets, create hierarchy, populate incomplete fields (e.g. distance to the sea), create dummy rivers and, last but not most important, give names to rivers.</p> <p>A systematic check of branching errors is currently being carried out to identify topological errors (a-&gt;B and should be A-&gt;C) based on discharge computation and name matching.</p> |

## Metadata

|                        |  |
|------------------------|--|
| <b>File identifier</b> | 0176688a-1d75-45bc-8419-aaf45a59a72f <a href="#">XML</a> |
|------------------------|--|

| Metadata language           | English  |                         |                  |                         |              |                             |  |                   |                  |  |  |
|-----------------------------|--|-------------------------|------------------|-------------------------|--------------|-----------------------------|--|-------------------|------------------|--|--|
| Character set               | UTF8   |                         |                  |                         |              |                             |  |                   |                  |  |  |
| Hierarchy level             | Dataset  |                         |                  |                         |              |                             |  |                   |                  |  |  |
| Date stamp                  | 2023-03-20T12:16:22.691Z   |                         |                  |                         |              |                             |  |                   |                  |  |  |
| Metadata standard name      | ISO 19115/19139  |                         |                  |                         |              |                             |  |                   |                  |  |  |
| Metadata standard version   | 1.0  |                         |                  |                         |              |                             |  |                   |                  |  |  |
| Metadata author             | <table border="1"> <thead> <tr> <th>Organisation name</th> <th>Individual name</th> <th>Electronic mail address</th> <th>Website Role</th> </tr> </thead> <tbody> <tr> <td>European Environment Agency</td> <td></td> <td>sdi@eea.europa.eu</td> <td>Point of contact</td> </tr> </tbody> </table> | Organisation name       | Individual name  | Electronic mail address | Website Role | European Environment Agency |  | sdi@eea.europa.eu | Point of contact |  |  |
| Organisation name           | Individual name  | Electronic mail address | Website Role     |                         |              |                             |  |                   |                  |  |  |
| European Environment Agency |  | sdi@eea.europa.eu       | Point of contact |                         |              |                             |  |                   |                  |  |  |

## Overviews



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