

Carbon storage in EU terrestrial and marine ecosystems

These excel data files contains the result of a quickscan of literature regarding information on carbon stocks and carbon sequestration rates in terrestrial and marine ecosystems. Based on this information, supplemented with expert knowledge, a list has been drawn up in which the EUNIS habitat types are classified based on their total carbon stock and carbon sequestration rate. This list is available as separate excel worksheet for marine and terrestrial ecosystems and also included as annex in the report that documents the project.

Simple

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	European Environment Agency				Point of contact
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Begin date	1982									
End date	2020									
Distribution format	<ul style="list-style-type: none"> • () 									
OnLine resource	<table border="0"> <thead> <tr> <th>Protocol</th> <th>Linkage</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EEA:FOLDERPATH</td> <td>https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_carbon-storage-ecosystems_p_1982-2020_v01_r00/</td> <td></td> </tr> <tr> <td>WWW:URL</td> <td>https://sdi.eea.europa.eu/data/534d4e6c-827d-4b93-bce8-bb8021dd3fb8</td> <td>Direct download</td> </tr> </tbody> </table>	Protocol	Linkage	Name	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_carbon-storage-ecosystems_p_1982-2020_v01_r00/		WWW:URL	https://sdi.eea.europa.eu/data/534d4e6c-827d-4b93-bce8-bb8021dd3fb8	Direct download
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Hierarchy level	Dataset									
Statement	<p>Scientific literature shows a wide range of information on carbon stocks and carbon sequestration rates, both qualitative and quantitative. It, however, also shows a very wide range of methods applied. For example, studies have focus on different ecosystem components and carbon storage ecosystems, different demarcation of ecosystem components, carbon storage or ecosystem productivity (GPP, NPP, NEP), different time scales, or report measured or modelled data. These methodological differences influence the range of the carbon storage and sequestration rates reported and complicate mutual comparison. In our study we mainly used expert assessment for the comparison. A more elaborated scientific basis was beyond the scope of this study, but is recommended for further studies.</p> <p>Wageningen University and Research (https://www.wur.nl/en/Research-Results/Research-Institutes/Environmental-Research.htm)</p>									

Metadata

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