TIMESCALE

1. <https://stratigraphy.org/timescale/>

INTERACTIVE INTERNATIONAL CHRONOSTRATIGRAPHIC CHART

An interactive version of the International Chronostratigraphic Chart, based on its Semantic Web representation.

Usa l’ontologia [https://www.w3.org/TR/owl-time](https://www.w3.org/TR/owl-time/#classes)

Ontologia: <https://raw.githack.com/CGI-IUGS/timescale-ont/master/html/gts.html>

Github: <https://github.com/CSIRO-enviro-informatics/interactive-geological-timescale>

1. modello UML per TIMEScALE: <https://www.seegrid.csiro.au/wiki/CGIModel/GeologicTime>
2. <https://www.researchgate.net/publication/258471075_OWL_representation_of_the_geologic_timescale_implementing_stratigraphic_best_practice>
3. A geologic timescale ontology and service (a pagamento): <https://link.springer.com/article/10.1007/s12145-014-0170-6>
4. Recent progress on geologic time ontologies and considerations for future works (a pagamento): <https://link.springer.com/article/10.1007%2Fs12145-013-0110-x>
5. Geological Timescale Ontology (a pagamento): <https://data.csiro.au/dap/landingpage?list=BRO&pid=csiro:45106&sb=TITLE&rn=32&rpp=50&p=4&tr=461&dr=lwtd=Earth%20Sciencestd=Earth+Sciences&bKey=td&bVal=Earth+Sciences>
6. Formalizing Geological Knowledge through Ontologies and Semantic Annotation: <https://www.researchgate.net/publication/290734392_Formalizing_Geological_Knowledge_through_Ontologies_and_Semantic_Annotation>
7. NADM Model 2004; Richard 2006
8. Lista di unità litostratigrafiche (formazioni) https://en.wikipedia.org/wiki/List\_of\_rock\_formations#Europe

Nomisma (stratigraphic unit - is above - is below - is equal):

<http://nomisma.org/ontology>

Litostratigraphic unit

<http://www.ukrcee.org/documents/Lithostratigraphic%20Units%20(1).pdf>

[**http://ceur-ws.org/Vol-938/ontobras-most2012\_paper32.pdf**](http://ceur-ws.org/Vol-938/ontobras-most2012_paper32.pdf)

[**http://lig-tdcge.imag.fr/steamer/patrimalp/TOC-ontology/objectproperties/stratigraphy-of\_\_\_-605233701.html**](http://lig-tdcge.imag.fr/steamer/patrimalp/TOC-ontology/objectproperties/stratigraphy-of___-605233701.html)

[**http://lig-tdcge.imag.fr/steamer/patrimalp/TOC-ontology/ontologies/TOC-model1\_\_\_1478639964.html**](http://lig-tdcge.imag.fr/steamer/patrimalp/TOC-ontology/ontologies/TOC-model1___1478639964.html)

**CRMArcheo**

[**http://www.cidoc-crm.org/crmarchaeo/ModelVersion/version-1.4.4**](http://www.cidoc-crm.org/crmarchaeo/ModelVersion/version-1.4.4)

[**http://www.cidoc-crm.org/crmarchaeo/sites/default/files/CRMarchaeo\_v1.4.4.pdf**](http://www.cidoc-crm.org/crmarchaeo/sites/default/files/CRMarchaeo_v1.4.4.pdf)

**CRMsci**

[**http://www.cidoc-crm.org/crmsci/home-1**](http://www.cidoc-crm.org/crmsci/home-1)

[**http://www.cidoc-crm.org/crmsci/sites/default/files/CRMsci%20v.1.2.8.pdf**](http://www.cidoc-crm.org/crmsci/sites/default/files/CRMsci%20v.1.2.8.pdf)