



A world map of Open Educational Resources initiatives:
Can the global OER community design and build it together?

References provided by participants in an international conversation:¹ 12 – 30 November 2012

History and background

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- UNESCO/COL Chair in OER (Athabasca University, Canada), <https://unescochair.athabascau.ca/chair/oer>
- UNESCO Chair in OER (Open Universiteit, Netherlands), <http://oer.unescochair-ou.nl/>
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Sample geographical maps

- OpenCourseWare Consortium (OCWC) sample map of OER sites, <http://oerworldmap.oerknowledgecloud.org/>
- OpenStreetMap (OSM) wiki (free geographic data), http://wiki.openstreetmap.org/wiki/Main_Page
- Evidence Hub for OER (“living map” of the OER world), <http://ci.olnet.org/#org-orggmap>
- Evidence Hub – EvHub (generifed collective intelligence platform), <http://evidence-hub.net/>
- Global Open Access Map (from OASIS), <http://www.openaccessmap.org>
- Architect Map (map of architects worldwide, crowdsourced via twitter), <http://architectmap.net/index.php?pagestate=map>

¹ References are categorised by the context in which they were raised. For full report, see <https://unescochair.athabascau.ca/oer-mapping-exercise>.

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- L3T map of author locations (for German language OER textbook), <http://l3t.eu/homepage/framed/go?url=http%3A%2F%2Fl3t.tugraz.at%2F~mb%2F>
- L3T weekly map of download sites, <http://l3t.tugraz.at/~mb/unis.php>
- Newspaper Map (locations of newspapers worldwide), <http://newspapermap.com/>
- UNESCO Institute for Statistics interactive global map: global flow of tertiary-level students, <http://www.uis.unesco.org/EDUCATION/Pages/international-student-flow-viz.aspx>

Data visualisation: Ideas and issues

- Accessibility for persons with disabilities (list of OSM-based services), http://wiki.openstreetmap.org/wiki/List_of_OSM_based_Services#Accessibility_for_persons_with_disabilities
- DBpedia crowdsourced community (extracting data from Wikipedia), <http://dbpedia.org/About>
- Debategraph (industry-grade requirements engineering template), <http://debategraph.org/Stream.aspx?nid=226384&iv=05>
- Duda Library's past “mapping” efforts, <https://code.google.com/p/dudalibrary/wiki/Resources>
- Footprints of Emergence (journal article on 3D mapping), <http://www.irrodl.org/index.php/irrodl/article/view/1267>
- Gapminder (promoting fact-based, sustainable global development), <http://www.gapminder.org/>
- Google+ community (adding categories, notifications and structure to discussions) <https://plus.google.com/u/0/communities/116003190473276605123>
- Guide to Trade Facilitation (using multiple “geographies” for looking at data), <http://tfig.unece.org/>
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- Knowledge Cartography: Software Tools and Mapping Techniques (book), <http://books.kmi.open.ac.uk/knowledge-cartography/>
- Libre Office (as redesigned authoring tool), <http://www.libreoffice.org/>
- Linked Data Community Site (connecting distributed data across the web), <http://linkeddata.org/>
- OpenLearn and Knowledge Maps for Language Learning (book chapter), <http://oro.open.ac.uk/11769/>
- SERENDIPITY linked OCW data faceted search (in beta; search term “history”), <http://linkeddata.utpl.edu.ec/results/serendipity/Flamenco?words=history&q=geography&facet=&in=all>
- TAGinfo OpenStreetMap list of latitude/longitude coordinates, <http://taginfo.openstreetmap.org/keys/addr%3Acountry>
- UNESCO International Standard Classification of Education (ISCED), http://www.unesco.org/education/information/nfsunesco/doc/isced_1997.htm
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- W3C Web Accessibility Initiative – WAI (web accessibility for people with disabilities), <http://www.w3.org/WAI/>

OER initiatives and organisations

- African Virtual University (intergovernmental organisation), <http://oer@avu.org>
- Apréli@ e-jumelages tikiwiki (francophone e-twinning educational network wiki), <http://wiki.aprelia.org/tiki-index.php>
- CeDeC National Centre for Curricular Development with Non Privative Systems (open resources for Spanish primary and secondary schools), <http://cedec.ite.educacion.es/>
- Directory of Open Access Repositories – OpenDOAR (worldwide directory), <http://www.opendoar.org/>
- DRIVER 2.0 (European open access repository infrastructure), <http://www.driver-support.eu/informationfor.html>
- Duda Library (Offline Digital Library of OER), <https://code.google.com/p/dudalibrary/>
- Educação Aberta wiki (for OER projects in Portuguese), <http://educacaoaberta.org/wiki>
- Global List of OER Initiatives (dated: login required), <http://www.wsis-community.org/pg/file/read/17061/global-list-of-oer-initiatives>
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- Portal do Professor (Brazilian OER repository), <http://portaldoprofessor.mec.gov.br/index.html>
- Sugarlabs wiki list of OER initiatives, http://wiki.sugarlabs.org/go/Open_Education_Resources
- TEMOA (Mexico-based public and multilingual catalogue of OER), <http://www.temoa.info>
- TEMOA Educational Resource Provider Directory, <http://www.temoa.info/providers>
- TEMOA Acceptance Criteria for OER providers, <http://www.temoa.info/en/oer-criteria>
- Teacher Education in Sub Saharan Africa – TESSA (international OER research and development initiative), <http://tessafrica.net/>
- UNESCO OER Directory on WSIS KC Platform, <http://www.wsis-community.org/pg/groups/14358/open-educational-resources-oer/>
- Virtual Open Access Agriculture & Aquaculture Repository – VOA3R (>500,000 primary/secondary resources), <http://www.voa3r.eu/>
- VOA3R consortium social platform for researchers in agriculture & aquaculture (beta), <http://voa3r.cc.uah.es/>

Towards an organisational approach to collaboration

- Consortium of Academic Libraries of Catalonia, http://www.cbuc.cat/cbuc_en
 - MDX (Learning Materials Online) cooperative repository, <http://www.mdx.cat/>

- TDX (Theses and Dissertations Online) cooperative repository, <http://www.tdx.cat/>
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- OAS Educational Portal of the Americas (strengthening human resources through ICTs), <http://educoas.org/Portal/Portal0.1v2/index.html?culture=en>
- OER Africa (South African Institute for Distance Education initiative to drive OER), <http://www.oerafrica.org/>
- UNESCO and OER Foundation Join Hands in Building Capability in OER (press release), http://www.unesco.org/new/en/communication-and-information/resources/news-and-in-focus-articles/all-news/news/unesco_and_oer_foundation_join_hands_in_building_capability_in_oer/

Openness, copyright and licensing

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- Cable on Free vs Open (Iterating Toward Openness blog post), <http://opencontent.org/blog/archives/2596>
- Coursera, CC-NC, and OCW (HAPGOOD blog post), <http://hapgood.us/2012/10/31/coursera-cc-nc-and-ocw/>
- Creative Commons Attribution 3.0 Unported (CC BY 3.0) description, <http://creativecommons.org/licenses/by/3.0/>
- Creative Commons license selection tool, <http://creativecommons.org/choose/>
- Creative Commons license terms (example), <http://www.montereyinstitute.org/license/license.html#cc>
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- Freedom Defined: Definition of “Free Cultural Works”, <http://freedomdefined.org/Definition>
- GNU Affero General Public License description, <http://www.gnu.org/licenses/agpl-3.0.html>
- GNU on Fighting Software Patents – Singly and Together, <http://www.gnu.org/philosophy/fighting-software-patents.html>
- GNU on Intellectual Property, <http://www.gnu.org/philosophy/not-ipr.html>
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- OpenDocument Format (ODF) Alliance, <http://www.odfalliance.org/>
- Regional Relations in Asia and the Pacific (#AST1000): An OERu Course, <http://wikieducator.org/AST1000>
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- Stop the inclusion of proprietary licenses in Creative Commons 4.0 (blog post), <http://freeculture.org/blog/2012/08/27/stop-the-inclusion-of-proprietary-licenses-in-creative-commons-4-0/>
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- Wikipedia article on “Eating your own dog food”, http://en.wikipedia.org/wiki/Eating_your_own_dog_food
- Wikipedia article on “Feist v. Rural” (copyright in the US), https://en.wikipedia.org/wiki/Feist_v._Rural
- Wikipedia article on “Free and open source software”, http://en.wikipedia.org/wiki/Free_and_open_source_software
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- Stop the Inclusion of Proprietary Licenses in Creative Commons 4.0 (blog post), <http://freeculture.org/blog/2012/08/27/stop-the-inclusion-of-proprietary-licenses-in-creative-commons-4-0/>

Metadata, standards and specifications

- Academia.edu (platform for sharing research papers), <http://academia.edu/>
- Data Hub (editable open data catalogue), <http://datahub.io/>
- DBpedia crowdsourced community (extracting data from Wikipedia), <http://dbpedia.org/About>
- Europeana Linked Open Data – LOD (open metadata on >24 million learning objects), <http://pro.europeana.eu/linked-open-data>
- Example of TEMOA metadata, <http://www.temoa.info/node/439>
- GeoNames geographical database (>8 million open placenames by location), <http://www.geonames.org/>
- IMS Board of Directors, <http://www.imsglobal.org/boardofdirectors.html>
- IMS Global Content Packaging Specification, <http://www.imsglobal.org/content/packaging/>

- IMS Interoperability Conformance Certification Status, <http://www.imsglobal.org/cc/statuschart.cfm>
- IMS Interoperability Standards, <http://www.imsglobal.org/specifications.html>
- IMS Technical Advisory Board (list of contributing member organisations), <http://www.imsglobal.org/technicalboard.html>
- International Digital Publishing Forum (IDPF) EPUB 3.0, <http://idpf.org/epub/30>
- Learning Resource Metadata Initiative – LRMI (FAQ on Creative Commons), <http://wiki.creativecommons.org/LRMI/FAQ>
- Microformats process (for adding markup), <http://microformats.org/wiki/process>
- Schema.org (various schemas for html markup), <http://schema.org/>
- Stephen's Web article on “Resource Profiles”, <http://www.downes.ca/post/41750>
- W3C article on “Resource Description Framework” (RDF), <http://www.w3.org/RDF/>
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- Wikipedia article on “SPARQL”, <http://en.wikipedia.org/wiki/SPARQL>
- Wikipedia article on “Topic maps”, http://en.wikipedia.org/wiki/Topic_maps
- Wikipedia article on “Web Ontology Language” (OWL), http://en.wikipedia.org/wiki/Web_Ontology_Language

Researching OER

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- Creation, Sharing and Using of Free Educational Resources: For Which Models of Educational Practices? <http://wikieducator.org/File:OERArticle1.odt>
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- Global OER Graduate Network (for researchers and students interested in OER research), http://oer.unescochair-ou.nl/?page_id=320
- OER Knowledge Cloud (for researchers in OER issues), <http://oerknowledgecloud.org>
- Open Content Licensing for Educators (OCL4Ed professional development course), http://wikieducator.org/Open_content_licensing_for_educators/Home

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- TEMOA publications index 2 (Mexico-based public and multilingual catalogue of OER), <http://www.temoa.info/es/investigacion>
- Wikieducator article on “Open Educational Content” (OLCOS introduction and tutorials), http://wikieducator.org/Open_Educational_Content

Miscellaneous resources

- 2013 WSIS event: Towards Knowledge Societies for Peace and Sustainable Development, <http://www.unesco.org/new/en/communication-and-information/flagship-project-activities/unesco-and-wsis/wsis-10-review-meeting/>
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- American Council on Education – ACE (article on MOOCs and accreditation), <http://www.acenet.edu/news-room/Pages/ACE-to-Assess-Potential-of-MOOCs,-Evaluate-Courses-for-Credit-Worthiness.aspx>
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- eToys learning tool, <http://www.squeakland.org/>
- eToys reference manual (login required), <http://booki.flossmanuals.net/etoys-reference-manual/edit/>
- eXeLearning (open source content creation tool), <http://exelearning.net/?lang=en>
- FLOSS Manuals (free manuals for free software web site), <http://www.flossmanuals.net/>
- L3T (German language OER textbook), <http://l3t.e>
- List of FLOSS Manuals (in progress), <http://booki.flossmanuals.net/>
- One Laptop Per Child (OLPC) deployment (January 2012), <http://wiki.laptop.org/go/Deployments>
- Open University of Japan, <http://www.ouj.ac.jp/>
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- Sugar Labs: Translation System (enabling volunteers to translate software), <http://translate.sugarlabs.org/>
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- Wikiversity article on "Doctor of Philosophy", http://en.wikiversity.org/wiki/Doctor_of_Philosophy



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