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

- UNESCO IIEP (OER open content for higher education),
http://www.unesco.org/iiep/virtualuniversity/forumshome.php?queryforums_id=3

- Open Educational Resources – The Way Forward,
http://www.icde.org/Open+Educational+Resources+-+The+Way+Forward.9UFRzI16.ips

- Giving Knowledge for Free: The Emergence of Open Educational Resources (OECD),
http://www.oecd.org/edu/ceri/givingknowledgeforfreetheemergenceofopeneducationalresources.htm

- Cape Town Open Education Declaration, http://www.capetowndeclaration.org/read-the-declaration

- 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/

- 2012 Paris OER Declaration,
http://www.unesco.org/pv_obj_cache/pv_obj_id_EEF3C7E6694B8B91C31F5EA3340D484EF03A0100/file
name/Paris%20OER%20Declaration_01.pdf

- OECD working paper on OER, http://www.oecd-ilibrary.org/education/open-educational-
resources_5k990rjhvtlv-en

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 (generified collective intelligence platform), http://evidence-hub.net/

---

[1]References are categorised by the context in which they were raised.

• 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

• GeoTech Center (collaborative effort to expand geospatial workforce), http://mappingideas.sdsu.edu/geotech/

• 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_disabiliti es

• DBpedia crowdsourced community (extracting data from Wikipedia), http://dbpedia.org/About

• 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/

• Guide to Trade Facilitation (using multiple "geographies" for looking at data), http://tfig.unece.org/

• Integrating Strategic Views about OER through Collaborative Sensemaking (journal article on Force Field Framework – 3F), http://ijt.cgpublisher.com/product/pub.42/prod.725

• 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

- United Nations Code for Trade and Transport Locations (UN/LOCODE) – from United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT), http://www.unece.org/cefact/locode/service/location.html

- 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

- 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

- OER Quality Research Project list of OER resources/repositories (from Javiera Atenas), http://oerqualityproject.wordpress.com/2012/10/22/directory-of-oer-repositories/

- Open Discovery Space – ODS (access point for Europe-wide eLearning resources), http://www.opendiscoveryspace.eu/

- Open Tapestry (OER sharing toolset and aggregator), http://www.opentapestry.com/

- 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/

- CEDEC Spanish translation of OER Mapping project materials, http://cedec.ite.educacion.es/es/kubyx/2012/12/13/82-mapa-mundial-de-rea-icomo-y-por-que

- Consultation on "Opening up Education" (proposal for a European OER initiative), http://ec.europa.eu/dgs/education_culture/consult/open_en.htm

- European Commission Presents New Rethinking Education Strategy (Europa press release), http://europa.eu/rapid/press-release_IP-12-1233_en.htm

- 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

- 2005–2012: The OpenCourseWars (David Wiley, 2008), http://opencontent.org/docs/future-history-of-oer.pdf

- Assessment content for OERu pilot course (overview with links to assignments), http://wikieducator.org/AST1000/Course_guide/Assessment

- B&N Claims It Must DRM Public Domain Books To Protect The Copyright On Them (article), http://www.techdirt.com/articles/20090730/0257115712.shtml

- 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

- Creative Commons wiki case law database (crowdsourced), http://wiki.creativecommons.org/Case_Law

- Creative Commons wiki FAQ, http://wiki.creativecommons.org/Frequently_Asked_Questions

- Creative Commons wiki FAQ: Adaptation, http://wiki.creativecommons.org/Frequently_Asked_Questions#Does_my_use_constitute_an_adaptation.3F

- Creative Commons wiki: 4.0 – NonCommercial (issue for consideration), http://wiki.creativecommons.org/4.0/NonCommercial

- Creative Commons wiki: CCPlus description, http://wiki.creativecommons.org/CCPlus

- Creative Commons wiki: Defining Noncommercial, http://wiki.creativecommons.org/Defining_Noncommercial

- Creative Commons wiki: Modifying the CC licenses, http://wiki.creativecommons.org/Modifying_the_CC_licenses

- Creative Commons: Ongoing discussions: NonCommercial and NoDerivatives (blog post), http://creativecommons.org/weblog/entry/33874

- Fair Comment: Towards a Better Understanding of NC Licenses (Commonwealth of Learning newsletter, 2008), http://www.col.org/news/Connections/2008feb/Pages/fairComment.aspx

- 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

- OER risk management calculator, http://www.web2rights.com/OERIPRSupport/risk-management-calculator/

- OERu communication technologies and protocols, http://wikieducator.org/OER_university/Planning/OERu_Communication_technologies_and_protocols

- On-line Education is Using a Flawed Creative Commons License (Richard Stallman article), http://stallman.org/articles/online-education.html

- Open Definition: Defining the Open in Open Data, Open Content and Open Services, http://opendefinition.org/

- Open Educational Resource university (OERu) planning portal, http://wikieducator.org/OER_university/Planning

- OpenDocument Format (ODF) Alliance, http://www.odfalliance.org/

- Regional Relations in Asia and the Pacific (#AST1000): An OERu Course, http://wikieducator.org/AST1000

- Stephen Downes at OCL4Ed workshop, http://wikieducator.org/Educators_care/Video_Signpost_-_Stephen_Downes

- 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/

- The Future of Creative Commons: Examining Defenses of the NC and ND Clauses (article), http://questioncopyright.org/future_of_creative_commons

- Tuition is a Movie Ticket, OER are Popcorn (Iterating Toward Openness blog post), http://opencontent.org/blog/archives/2618

- UNESCO article on "Open Educational Resources, http://www.unesco.org/new/en/communication-and-information/access-to-knowledge/open-educational-resources/

- Wikieducator article on "Declaration on libre knowledge", http://wikieducator.org/Declaration_on_libre_knowledge

- Wikieducator article on "Good libre puro practices", http://wikieducator.org/Libre_License_Best_Practices

- Wikieducator article on "Libre knowledge", http://wikieducator.org/Libre_knowledge

- Wikieducator article on "Libre license", http://wikieducator.org/Libre_License

- Wikieducator article on "Libre puro license" (Draft), http://wikieducator.org/Libre_Puro_License

- Wikieducator article on "License compatibility", http://wikieducator.org/OER_Handbook/educator_version_one/License/License_compatibility

- Wikieducator article on "Software patents", http://wikieducator.org/Software_patents

- Wikieducator essay entitled "Say Libre", http://wikieducator.org/Say_Libre

- Wikieducator Open Community Governance Policy, http://wikieducator.org/WikiEducator:Open_Community_Governance_Policy

- Wikieducator press release: Australia's University of Southern Queensland launches the first OERu prototype, http://wikieducator.org/Australia%27s_University_of_Southern_Queensland_launches_the_first_OERu_prototype

- Wikipedia article on "Copyright", http://en.wikipedia.org/wiki/Copyright

- Wikipedia article on "Database right", http://en.wikipedia.org/wiki/Database_right

- 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

- Wikipedia article on "Permission culture", http://en.wikipedia.org/wiki/Permission_culture

- Wikipedia article on "Plagiarism", http://en.wikipedia.org/wiki/Plagiarism

- Wikipedia talk page on "Obtaining geographic coordinates", http://en.wikipedia.org/wiki/Wikipedia_talk:Obtaining_geographic_coordinates

- 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/

- Wikipedia article on "IMS Global", http://en.wikipedia.org/wiki/IMS_Global

- Wikipedia article on "ISO/IEC 19788" (Metadata for learning resources – MLR), http://en.wikipedia.org/wiki/ISO/IEC_19788

- Wikipedia article on "ISO/IEC JTC1/SC36" (Information Technology for Learning, Education and Training – ITLET), http://en.wikipedia.org/wiki/ISO/IEC_JTC1/SC36

- Wikipedia article on "Joint Academic Classification of Subjects" (JACS), http://en.wikipedia.org/wiki/Joint_Academic_Classification_of_Subjects

- Wikipedia article on "Learning object metadata" (IEEE LOM), http://en.wikipedia.org/wiki/Learning_object_metadata

- Wikipedia article on "Resource Description Framework" (RDF), http://en.wikipedia.org/wiki/Resource_Description_Framework

- 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

- Access to Open Educational Resources: Report of a UNESCO OER Community Discussion, http://www.oerafrica.org/understandingoer/ResourcesonOER/ResourceDetails/tabid/1424/mctl/Details/id/36698/Default.aspx

- Creation, Sharing and Using of Free Educational Resources: For Which Models of Educational Practices? http://wikieducator.org/File:OERArticle1.odt

- Creative Commons: Ongoing discussions: NonCommercial and NoDerivatives (blog post), http://creativecommons.org/weblog/entry/33874

- 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

- Sharing Nicely: What is the Problem? OER in search of a common goal (blog post), http://sharing-nicely.net/2008/09/what-is-the-problem-oer-in-search-of-a-common-goal/

- TEMOA publications index 1 (Mexico-based public and multilingual catalogue of OER), http://www.temoa.info/research

- 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/

- African Virtual University on SCRIBD (shared learning materials), http://www.scribd.com/AfricanVirtualUni

- 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

- Communicate OER project (improving Wikipedia articles on OER), http://enwp.org/WP:COER

- 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/

- Presentations on OER in Malaysia, http://www.slideshare.net/zaid/presentations

- Squeak (portable, open-source Smalltalk programming language), http://www.squeak.org/

- Sugar Labs: Translation System (enabling volunteers to translate software), http://translate.sugarlabs.org/

- The Role of Libraries and Information Professionals in OER Initiatives (CETIS guest blog post), http://blogs.cetis.ac.uk/othervoices/2012/08/17/the-role-of-libraries-and-information-professionals-in-oer-initiatives/

- The Roles of Libraries and Information Professionals in Open Educational Resources (OER) Initiatives Survey Report (JISC/CETIS report), http://publications.cetis.ac.uk/wp-content/uploads/2012/08/OER-Libraries-Survey-Report.pdf

- Wikiversity article on "Doctor of Philosophy", http://en.wikiversity.org/wiki/Doctor_of_Philosophy

- http://www.journalacademicmarketingmysticismonline.net/index.php/JAMMO/issue/archive