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Open to all, not known to all: sustaining practices with open educational resources in higher education

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References

- Abramovich, S., & Schunn, C. (2012). Studying teacher selection of resources in an ultra-large scale interactive system: Does metadata guide the way? *Computers & Education*, *58*(1), 551-559. <https://doi.org/10.1016/j.compedu.2011.09.001>
- Abramovich, S., & McBride, M. (2018). Open education resources and perceptions of financial value. *The Internet and Higher Education*, *39*, 33-38. <https://doi.org/10.1016/j.iheduc.2018.06.002>
- Achieve (2011). *Rubrics for evaluation open education resource (OER) objects*. https://www.achieve.org/files/AchieveOERRubrics_1.pdf
- Admiraal, W., Van Vugt, F., Kranenburg, F., Koster, B., Smit, B., Weijers, S., & Lockhorst, D. (2017). Preparing pre-service teachers to integrate technology into K–12 instruction: Evaluation of a technology-infused approach. *Technology, Pedagogy and Education*, *26*(1), 105-120. <https://doi.org/10.1080/1475939X.2016.1163283>
- Admiraal, W. (2022). A typology of educators using open educational resources for teaching. *International Journal on Studies in Education*, *4*(1), 1-23. <https://doi.org/10.46328/ijonse.60>
- Akkerman, S., Admiraal, W., Brekelmans, M., & Oost, H. (2008). Auditing quality of research in social sciences. *Quality & Quantity*, *42*, 257–274. <https://doi.org/10.1007/s11135-006-9044-4>
- Akkerman, S. F., & Bakker, A. (2011). Boundary crossing and boundary objects. *Review of Educational Research*, *81*(2), 132-169. <https://doi.org/10.3102/0034654311404435>
- Akkerman, S., & Bruining, T. (2016). Multilevel boundary crossing in a professional development school partnership. *Journal of the Learning Sciences*, *25*(2), 240-284. <https://doi.org/10.1080/10508406.2016.1147448>
- Allen, I., & Seaman, J. (2014). *Opening the curriculum: Open educational resources in U.S. higher education*. <https://www.onlinelearningsurvey.com/reports/openingthecurriculum2014.pdf>
- Almendro, D., & Silveira, I. F. (2018). Quality assurance for open educational resources: The OERTrust framework. *International Journal of Learning, Teaching and Educational Research*, *17*(3), 1-14. <https://doi.org/10.26803/ijlter.17.3.1>
- Argyris, C., & Schön, D. A. (1974). *Theory in practice. Increasing professional effectiveness*. Jossey-Bass.
- Ariely, D., Loewenstein, G., & Prelec, D. (2006). Tom Sawyer and the construction of value. *Journal of Economic Behavior & Organization*, *60*(1), 1–10. <https://doi.org/10.1016/j.jebo.2004.10.003>
- Armellini, A., & Nie, M. (2013). Open educational practices for curriculum enhancement. *Open Learning: The Journal of Open, Distance and e-Learning*, *28*(1), 7-20. <https://doi.org/10.1080/02680513.2013.796286>
- Atenas, J., & Havemann, L. (2014). Questions of quality in repositories of open educational resources: A literature review. *Research in Learning Technology*, *22*. <https://doi.org/10.3402/rlt.v22.20889>
- Atenas, J., Havemann, L., & Priego, E. (2014). Opening teaching landscapes: The importance of quality assurance in the delivery of open educational resources. *Open Praxis*, *6*(1), 29-43. <https://doi.org/10.5944/openpraxis.6.1.81>
- Atenas, J., Havemann, L., Neumann, J., & Stefanelli, C. (2020). *Open education policies: Guidelines for co-creation*. Open Education Policy Lab. <https://doi.org/10.5281/ZENODO.4032993>
- Ayala Doval, M. M., & Gómez-Zermeño, M. G. (2017). Selection and quality of learning objects. Are they usable and reusable? *Information Technologies and Learning Tools*, *59*(3), 28-38. <https://doi.org/10.33407/itlt.v59i3.1531>

- Baas, M., Admiraal, W., & Van den Berg, E. (2019). Teachers' adoption of open educational resources in higher education. *Journal of Interactive Media in Education*, 1(9), 1–11. <https://doi.org/10.5334/jime.510>
- Baas, M., & Schuwer, R. (2020). What about reuse? A study on the use of open educational resources in Dutch higher education. *Open Praxis*, 12(4), 527-540. <https://doi.org/10.5944/openpraxis.12.4.1139>
- Baas, M., Schuwer, R., Van den Berg, E., Huizinga, T., Van der Rijst, R., & Admiraal, W. (2023a). The role of brokers in cultivating an inter-institutional community around open educational resources in higher education. *Higher Education*, 85, 999-1019. <https://doi.org/10.1007/s10734-022-00876-y>.
- Baas, M., Van der Rijst, R., Huizinga, T., Van den Berg, E., & Admiraal, W. (2023b). Would you use them? A qualitative study on teachers' assessments of open educational resources in higher education. *The Internet and Higher Education*, 54, 100857. <https://doi.org/10.1016/j.iheduc.2022.100857>
- Banzato, M. (2012). Barriers to teacher educators seeking, creating and sharing open educational resources: An empirical study of the use of OER in education in Italy. *Proceedings of the 2012 15th international conference on Interactive Collaborative Learning (ICL)*. IEEE. <https://doi.org/10.1109/icl.2012.6402105>
- Barker, P., & Campbell, L. (2016). Technology strategies for open educational resource dissemination. In P. Blessinger & T. J. Bliss (Eds.), *Open education: International perspectives in higher education* (pp. 51-72). <https://doi.org/10.11647/OBP.0103>
- Başaran, S. (2016). Multi-criteria decision analysis approaches for selecting and evaluating digital learning objects. *Procedia Computer Science*, 102, 251-258. <https://doi.org/10.1016/j.procs.2016.09.398>
- BCOER. (2015, April 15). *Faculty guide for evaluating open education resources*. <https://open.bccampus.ca/files/2014/07/Faculty-Guide-22-Apr-15.pdf>
- Beaven, T. (2018). 'Dark reuse': An empirical study of teachers' OER engagement. *Open Praxis*, 10(4), 377-391. <https://doi.org/10.5944/openpraxis.10.4.889>
- Beeker, A. (2012). *Is havo Engels goed genoeg voor het hbo? Een verkennend onderzoek naar mogelijke aansluitproblemen [Is high school English good enough for universities of applied sciences? An exploratory study of possible connection problems]*. SLO, nationaal expertisecentrum leerplanontwikkeling. <https://www.slo.nl/@4202/havo-engels-goed/>
- Belikov, O., & Bodily, R. (2016). Incentives and barriers to OER adoption: A qualitative analysis of faculty perceptions. *Open Praxis*, 8(3). <https://doi.org/10.5944/openpraxis.8.3.308>
- Belikov, O., & McLure, M. (2020). A qualitative analysis of open textbook reviews authored by postsecondary educators. *The International Journal of Open Educational Resources*, 2(3), 77-114. <https://www.ijoe.org/a-qualitative-analysis-of-open-textbook-reviews/>
- Blessinger, P., & Bliss, T. J. (2016). Introduction to open education: Towards a human rights theory. In P. Blessinger & T. J. Bliss (Eds.), *Open education: International perspectives in higher education* (pp. 11-30). <https://doi.org/10.11647/OBP.0103>
- Bliss, T. J., Robinson, T., Hilton, J., & Wiley, D. (2013). An OER COUP: College teacher and student perceptions of open educational resources. *Journal of Interactive Media in Education*, 2013(1). <https://doi.org/10.5334/2013-04>
- Boada, D. A. (2022). Cultivating an online teachers community of practice around the instructional conversation pedagogy: A social network analysis. *Educational technology research and development*, 70, 289-319. <https://doi.org/10.1007/s11423-021-10058-9>

- Bolhuis, E., Van der Kaap, G., Petter-Mikx, E., Jansen, P., Te Wierik, M., & De Graaf, S. (2020). Mag ons hoger beroeps onderwijs wat meer flexibel? [Could our higher education be a bit more flexible?]. *Tijdschrift voor Hoger Onderwijs*, 38(1), 41-60.
- Booth, S. E. (2012). Cultivating knowledge sharing and trust in online communities for educators. *Journal of Educational Computing Research*, 47(1).
<https://doi.org/10.2190/EC.47.1.a>
- Booth, S. E., & Kellogg, S. B. (2015). Value creation in online communities for educators. *British Journal of Educational Technology*, 46(4), 684-698.
<https://doi.org/10.1111/bjet.12168>
- Bordogna, C. M. (2019). The effects of boundary spanning on the development of social capital between faculty members operating transnational higher education partnerships. *Studies in Higher Education*, 44(2), 217-229. <https://doi.org/10.1080/03075079.2017.1349742>
- Borthwick, K., & Dickens, A. (2013). The community café: Creating and sharing open educational resources with community-based language teachers. *Journal of E-Learning and Knowledge Society*, 9(1). <https://doi.org/10.20368/1971-8829/803>
- Bos, N. (2022) *Vloeiend over grenzen heen. Technologie als verbinder van leerprocessen [Surfing the boundaries: Technology as the bridge between learning processes]*. Hogeschool Inholland, Domein Onderwijs & Innovatie.
- Boschman, F., McKenney, S., & Voogt, J. (2015). Exploring teachers' use of TPACK in design talk: The collaborative design of technology-rich early literacy activities. *Computers & Education*, 82, 250-262.
<http://dx.doi.org/10.1016/j.compedu.2014.11.010>
- Bouw, E., Zitter, I., & De Bruijn, E. (2021). Designable elements of integrative learning environments at the boundary of school and work: a multiple case study. *Learning Environments Research*, 24, 487-517. <https://doi.org/10.1007/s10984-020-09338-7>
- Bozkurt, A., Koseoglu, S., & Singh, L. (2019). An analysis of peer reviewed publications on openness in education in half a century: Trends and patterns in the open hemisphere. *Australasian Journal of Educational Technology*, 34(4), 68-97.
<https://doi.org/10.14742/ajet.4252>
- Brent, I., Gibbs, G. R., & Gruszczynska, A. K. (2012). Obstacles to creating and finding open educational resources: The case of research methods in the social sciences. *Journal of Interactive Media in Education*, 2012(1).
<https://doi.org/10.5334/2012-05>
- Büchel, B., & Raub, S. (2002). Building knowledge-creating value networks. *European Management Journal*, 20(6), 587-596. [https://doi.org/10.1016/S0263-2373\(02\)00110-X](https://doi.org/10.1016/S0263-2373(02)00110-X)
- Burgos-Aguilar, J. V., & Mortera-Gutierrez, F. J. (2013). Formation of communities of practice to promote openness in education. *eLearning Papers*, 23.
- Butcher, N., Kanwar, A., & Uvalic-Trumbic, S. (2011). *A basic guide to open educational resources (OER)*. Commonwealth of Learning & UNESCO.
<https://unesdoc.unesco.org/ark:/48223/pf0000215804/PDF/215804eng.pdf.multi>
- Cavallone, M., Vincenza Ciasullo, M., Manna, R. & Palumbo, R. (2022) A tale of two stakeholders: Achieving excellence by merging quality expectations in higher education institutions. *Studies in Higher Education*, 47(2), 244-258.
<https://doi.org/10.1080/03075079.2020.1739016>
- CBS (2019, May 10). *Aantal verpleegkundigen toegenomen. [Number of nurses increased]*
<https://www.cbs.nl/nl-nl/nieuws/2019/19/aantal-verpleegkundigen-toegenomen>
- CBS (2022, September 15). *Studieschuld blijft toenemen. [Student debt continues to rise]*.
<https://www.cbs.nl/nl-nl/nieuws/2022/37/studieschuld-blijft-toenemen>

- Cechinel, C., & Sánchez-Alonso, S. (2011). Analyzing associations between the different ratings dimensions of the MERLOT repository. *Interdisciplinary Journal of E-Learning and Learning Objects*, 7, 1-9.
<http://www.ijello.org/Volume7/IJELLOv7p001-009Cechinel729.pdf>
- Cechinel, C., Sánchez-Alonso, S., & García-Barriocanal, E. (2011). Statistical profiles of highly-rated learning objects. *Computers & Education*, 57(1), 1255-1269.
<https://doi.org/10.1016/j.compedu.2011.01.012>
- Chae, B., & Jenkins, M. (2015). *A qualitative investigation of faculty open educational resource usage in the Washington Community and Technical College System: Models for support and implementation*. Washington State Board for Community and Technical Colleges.
- Clark, E. C., Dhaliwal, B., Ciliska, D., Neil-Sztramko, S. E., Steinberg, M., & Dobbins, M. (2022). A pragmatic evaluation of a public health knowledge broker mentoring education program: A convergent mixed methods study. *Implement Science Communication*, 3(18). <https://doi.org/10.1186/s43058-022-00267-5>
- Clarke, L., Galvin, C., Campbell, M., Cowan, P., Hall, K., Magennis, G., O'Doherty, T., Purdy, N., & Abbott, L. (2021). Assessing the value of SCOTENS as a cross-border professional learning network in Ireland using the Wenger–Trayner value-creation framework. *Oxford Review of Education*, 47(1), 79-97.
<https://doi.org/10.1080/03054985.2020.1835624>
- Clements, K. I., & Pawlowski, J. M. (2012). User-oriented quality for OER: Understanding teachers' views on re-use, quality, and trust. *Journal of Computer Assisted Learning*, 28(1), 4-14. <https://doi.org/10.1111/j.1365-2729.2011.00450.x>
- Clements, K., Pawlowski, J., & Manouselis, N. (2015). Open educational resources repositories literature review – Towards a comprehensive quality approaches framework. *Computers in Human Behavior*, 51, 1098-1106.
<https://doi.org/10.1016/j.chb.2015.03.026>
- Clinton, V., & Khan, S. (2019). Efficacy of open textbook adoption on learning performance and course withdrawal rates: A meta-analysis. *AERA Open*, 5(3), 1-20.
<https://doi.org/10.1177/2332858419872212>
- Clinton-Lisell, V. (2021). Open pedagogy: A systematic review of empirical findings. *Journal of Learning for Development*, 8(2), 255–268.
<https://jl4d.org/index.php/ejl4d/article/view/511>
- Cobo, C. (2013). Exploration of open educational resources in non-English speaking communities. *International Review of Research in Open and Distance Learning*, 14(2), 106–128. <https://doi.org/10.19173/irrodl.v14i2.1493>
- Coolidge, A., Doner, S., Robertson, T., & Gray, J. (2018). *Accessibility toolkit – 2nd edition*. BCcampus. <https://opentextbc.ca/accessibilitytoolkit/>
- Corsi, S., Fu, X., & Külzer-Sacilotto, C. (2021). Boundary spanning roles in cross-border university-industry collaboration: The case of Chinese multinational corporations. *R&D Management*, 51(3), 309-321. <https://doi.org/10.1111/radm.12431>
- Cox, G. (2013). Researching resistance to open education resource contribution: An activity theory approach. *E-Learning and Digital Media*, 10(2), 148-160.
<https://doi.org/10.2304/elea.2013.10.2.148>
- Cox, G. (2016). *Explaining the relations between culture, structure and agency in lecturers' contribution and non-contribution to Open Educational Resources in a higher education institution* [Doctoral dissertation, University of Cape Town]. University of Cape Town Repository. <http://open.uct.ac.za/handle/11427/20300>
- Cox, G., & Trotter, H. (2017). An OER framework, heuristic and lens: Tools for understanding lecturers' adoption of OER. *Open Praxis*, 9(2), 151-171.
<http://doi.org/10.5944/openpraxis.9.2.571>

- Creative Commons (n.d.). *The growing commons*. <https://creativecommons.org/>
- Creative Commons. (2017). *State of the commons*. <https://stateof.creativecommons.org>
- Creswell, J. W., & Clark, V. L. P. (2018). *Designing and conducting mixed methods research (3rd ed.)*. SAGE Publications, Inc.
- Cronin, C. (2017). Openness and praxis: Exploring the use of open educational practices in higher education. *The International Review of Research in Open and Distributed Learning*, 18(5). <https://doi.org/10.19173/irrodl.v18i5.3096>
- Cronin, C. (2018). *Openness and praxis: A situated study of academic staff meaning-making and decision-making with respect to openness and use of open educational practices in higher education*. [Doctoral dissertation, National University of Ireland]. NUI Galway Theses Repository. <http://hdl.handle.net/10379/7276>
- Cronin, C., & MacLaren, I. (2018). Conceptualising OEP: A review of theoretical and empirical literature in Open Educational Practices. *Open Praxis*, 10(2). <http://dx.doi.org/10.5944/openpraxis.10.2.825>
- Cross, R., Parker, A., & Borgatti, S. (2002). *A bird's eye view: Using social network analysis to improve knowledge creation and sharing*. IBM Institute for Knowledge-Based Organizations.
- Cuillier, C., Hofer, A., Johnson, A., Labadorf, K., Potter, P., Saunders, R., & Walz, A. (2016). *Modifying an open textbook: What you need to know*. Open Education Network. <https://pressbooks.pub/oenmodify/>
- Cuttler, C. (2019). Students' use and perceptions of the relevance and quality of open textbooks compared to traditional textbooks in online and traditional classroom environments. *Psychology Learning and Teaching*, 18(1), 65-93. <https://doi.org/10.1177/1475725718811300>
- Davis, E., Cochran, D., Fagerheim, B., & Thoms, B. (2016). Enhancing teaching and learning: Libraries and open educational resources in the classroom. *Public Services Quarterly*, 12(1), 22-35. <https://doi.org/10.1080/15228959.2015.1108893>
- De Jong, M., Munnik, M. E., & Will, N. U. (2019). Innovation opportunities for academic libraries to support teaching through open education: A case study at TU Delft, The Netherlands. *New Review of Academic Librarianship*, 25(2-4), 392-407. <https://doi.org/10.1080/13614533.2019.1621185>
- De Jong, H., & Van den Berg, D. (2022). *Regie op leermaterialen. Naar een nationale aanpak digitale en open leermaterialen [Governance on educational resources. Towards a national approach to digital and open educational resources]*. Versnellingsplan Onderwijsinnovatie met ICT. <https://www.versnellingsplan.nl/wp-content/uploads/2022/03/Verklaring-nationale-aanpak-digitale-open-leermaterialen.pdf>
- De Langen, F. (2018). Sustainability of open education through collaboration. *The International Review of Research in Open and Distributed Learning*, 19(5). <https://doi.org/10.19173/irrodl.v19i5.3548>
- De Oliveira Neto, J.D., Pete, J., Daryono, D., & Cartmill, T. (2017). OER use in the global south: A baseline survey of higher education instructors. In C. Hodgkinson & P. Arinto (Eds.), *Adoption and impact of OER in the global south* (pp. 69-118). African Minds, International Development Research Centre & Research on Open Educational Resources for Development. <https://doi.org/10.5281/zenodo.1005330>
- Dicker, R., Garcia, M., Kelly, A., & Mulrooney, H. (2019). What does 'quality' in higher education mean? Perceptions of staff, students and employers. *Studies in Higher Education*, 44(8), 1425-1441. <https://doi.org/10.1080/03075079.2018.1445987>

- Digitaliseringsimpuls (n.d.). *Digitaliseringsimpuls onderwijs*. [Digital Transformation Impulse of Education]. <https://digitaliseringsimpuls.nl/over-digitaliseringsimpuls-onderwijs/>
- Dingyoudi, F., Strijbos, J. W., & de Laat, M. F. (2019). Value creation: What matters most in communities of learning practice in higher education. *Studies in Educational Evaluation*, 62, 209-223. <https://doi.org/10.1016/j.stueduc.2019.05.006>
- Downes, S. (2007). Models for sustainable open educational resources. *Interdisciplinary Journal of E-Skills and Lifelong Learning*, 3, 29-44. <https://doi.org/10.28945/384>
- Eaton, P. W., & Pasquini, L. A. (2020). Networked practices in higher education: A netnography of the #AcAdv chat community. *The Internet and Higher Education*, 45. <https://doi.org/10.1016/j.iheduc.2019.100723>
- Ehlers, U. (2011). From open educational resources to open educational practices. *eLearningPapers*, 23, 1–8.
- Engeström, Y. (1987). *Learning by expanding. An activity-theoretical approach to developmental research*. Orienta-Konsultit.
- Engeström, Y. (2001). Expansive learning at work: Toward an activity theoretical reconceptualization. *Journal of Education and Work*, 14(1), 133-156. <https://doi.org/10.1080/13639080020028747>
- Engeström, Y. (2015). *Learning by expanding. An activity-theoretical approach to developmental research (2nd ed.)*. Cambridge University Press.
- Engeström, Y., & Sannino, A. (2010). Studies of expansive learning: Foundations, findings and future challenges. *Educational Research Review*, 5(1), 1-24. <https://doi.org/10.1016/j.edurev.2009.12.002>
- Engeström, Y., & Sannino, A. (2011). Discursive manifestations of contradictions in organizational change efforts: A methodological framework. *Journal of Organizational Change Management*, 24(3), 368-387. <https://doi.org/10.1108/09534811111132758>
- Engeström, Y., & Sannino, A. (2021). From mediated actions to heterogenous coalitions: Four generations of activity-theoretical studies of work and learning. *Mind, Culture, and Activity*, 28(1), 4-23. <https://doi.org/10.1080/10749039.2020.1806328>
- Farrow, R., Perryman, L. A., De los Arcos, B., Weller, M., & Pitt, R. (2016). *OER Hub Researcher Pack. A toolkit for open education researchers*. OER Hub. <https://pressbooks.pub/oerhub/>
- Fischer, L., Hilton, J., Robinson, T. J., & Wiley, D. A. (2015). A multi-institutional study of the impact of open textbook adoption on the learning outcomes of post-secondary students. *Journal of Computing in Higher Education*, 27, 159-172. <https://doi.org/10.1007/s12528-015-9101-x>
- Fischer, L., Ernst, D., & Mason, S. (2017). Rating the quality of open textbooks: How reviewer and text characteristics predict ratings. *The International Review of Research in Open and Distance Learning*, 18(4), 142-154. <https://doi.org/10.19173/irrodl.v18i4.2985>
- Forbes, M. (2020). The value of collaborative learning for music practice in higher education. *British Journal of Music Education*, 37(3), 207–220. <https://doi.org/10.1017/S0265051720000200>
- Frantiska, J. J. (2016). *Creating Reusable Learning Objects*. Springer. https://doi.org/10.1007/978-3-319-32889-8_2
- Fullan, M. (2015). *The new meaning of educational change (5th ed.)*. Teachers College Press.

- George, K. W., & Casey, A. M. (2020). Collaboration between library, faculty, and instructional designers to increase all open educational resources for curriculum development and delivery. *The Reference Librarian*, 61(2), 97-112. <https://doi.org/10.1080/02763877.2020.1749753>
- Glennie, J., Harley, K., & Butcher, N. (2012). Discourses in the development of OER practice and policy. In Glennie, J., Harley, K., Butcher, N., & Van Wyk, T. (Eds.), *Open educational resources and change in higher education: Reflections from practice* (pp. 1-12). Commonwealth of Learning. <https://oasis.col.org/colserver/api/core/bitstreams/d7b2d2fc-f243-4ac0-94a6-7da2031b2c3b/content>
- Grégoire, R., & Dieng, P. Y. (2016). *OER trainer's guide v1.1: Competency framework open educational resources*. International Organisation of La Francophonie (IOF). <https://unesdoc.unesco.org/ark:/48223/pf0000266161>
- Gros, B., & López, M. (2016). Students as co-creators of technology-rich learning activities in higher education. *Innovations in Education and Teaching International*, 50(1), 25-37. <https://doi.org/10.1186/s41239-016-0026-x>
- Hanley, J., Baker, S., & Pavlidis, A. (2018). Applying the value-creation framework to a community museum volunteer project: Implementing a digital storytelling programme at the Mudgeeraba Light Horse Museum. *Annals of Leisure Research*, 21(1), 74-94. <https://doi.org/10.1080/11745398.2016.1265459>
- Hanson, M. (2022, July 15). *Average cost of college textbooks*. <https://educationdata.org/average-cost-of-college-textbooks>
- Harvey, F., & Nilsson, P. (2022). Contradictions and their manifestations in professional learning communities in mathematics. *Journal of Mathematics Teacher Education*, 25, 697-723. <https://doi.org/10.1007/s10857-021-09513-4>
- Hassler, B., Hennessy, S., Knight, S., & Connolly, T. (2014). Developing an open resource bank for interactive teaching of STEM: Perspectives of school teachers and teacher educators. *Journal of Interactive Media in Education*, 2014(1). <https://doi.org/10.5334/2014-09>
- Haughey, M., & Muirhead, B. (2005). Evaluating learning objects for schools. *E-Journal of Instructional Sciences and Technology*, 8(1). <https://files.eric.ed.gov/fulltext/EJ850358.pdf>
- Hawkins, M. A., & Rezazade, M. H. (2012). Knowledge boundary spanning process: synthesizing four spanning mechanisms. *Management Decision*, 50(10), 1800-1815. <http://dx.doi.org/10.1108/00251741211279611>
- Hegarty, B. (2015). Attributes of open pedagogy: A model for using open educational resources. *Educational Technology*, 55(4), 3-13. <https://www.jstor.org/stable/44430383>
- Hennessy, S., Haßler, B., & Hofmann, R. (2015). Challenges and opportunities for teacher professional development in interactive use of technology in African schools. *Technology, Pedagogy and Education*, 24(5), 1-28. <https://doi.org/10.1080/1475939X.2015.1092466>
- Hernández-Soto, R., Gutiérrez-Ortega, M., & Rubia-Avi, B. (2021). Key factors in knowledge sharing behavior in virtual communities of practice: A systematic review. *Education in the Knowledge Society*, 22. <https://doi.org/10.14201/eks.22715>
- Hill, L. B. (2020). Understanding the impact of a multi-institutional STEM reform network through key boundary-spanning individuals. *Journal of Higher Education*, 91(3), 455-482. <https://doi.org/10.1080/00221546.2019.1650581>

- Hilton, J. L., Robinson, T. J., Wiley, D., & Ackerman, J. D. (2014). Cost-savings achieved in two semesters through the adoption of open educational resources. *International Review of Research in Open and Distance Learning*, 15(2), 67-84. <https://doi.org/10.19173/irrodl.v15i2.1700>
- Hilton, J. (2016). Open educational resources and college textbook choices: A review of research on efficacy and perceptions. *Educational Technology Research and Development*, 64, 573–590. <https://doi.org/10.1007/s11423-016-9434-9>
- Hilton, J., Larsen, R., Wiley, D., & Fischer, L. (2019). Substituting open educational resources for commercial curriculum materials: Effects on student mathematics achievement in elementary schools. *Research in Mathematics Education*, 21(1), 60-76. <https://doi.org/10.1080/14794802.2019.1573150>
- Hilton, J. (2020). Open educational resources, student efficacy, and user perceptions: A synthesis of research published between 2015 and 2018. *Educational Technology Research and Development*, 68, 853–876. <https://doi.org/10.1007/s11423-019-09700-4>
- Hodgkinson-Williams, C., & Arinto, P. B. (2017). *Adoption and impact of OER in the Global South*. African Minds, International Development Research Centre & Research on Open Educational Resources for Development. <https://doi.org/10.5281/zenodo.1005330>
- Hodgkinson-Williams, C., & Paskevicius, M. (2012). The role of postgraduate students in co-authoring open educational resources to promote social inclusion: A case study at the University of Cape Town. *Distance Education*, 33(2), 253-269. <https://doi.org/10.1080/01587919.2012.692052>
- Hood, N. (2018). Personalising and localising knowledge: how teachers reconstruct resources and knowledge shared online in their teaching practice. *Technology, Pedagogy and Education*, 27(5), 589-605. <https://doi.org/10.1080/1475939X.2018.1535448>
- Howard, V. J., & Whitmore, C. B. (2020). Evaluating student perceptions of open and commercial psychology textbooks. *Frontiers in Education*, 5, 1-14. <https://doi.org/10.3389/educ.2020.00139>
- Huang, W. D., Lin, M. G., & Shen, W. (2012). Understanding Chinese-speaking open courseware users: A case study on user engagement in an open courseware portal in Taiwan (OpenSource OpenCourse Prototype System). *Open Learning: The Journal of Open, Distance and e-Learning*, 27(2), 169–182. <https://doi.org/10.1080/02680513.2012.678614>
- Huizinga, T. (2014). *Developing curriculum design expertise through teacher design teams* [Doctoral dissertation, University of Twente]. University of Twente Repository. <https://doi.org/10.3990/1.9789036537698>
- Huizinga, T., Handelzalts, A., Nieveen, N., Voogt, J. M. (2014). Teacher involvement in curriculum design: Need for support to enhance teachers' design expertise. *Journal of Curriculum Studies*, 46(1), 33-57. <https://doi.org/10.1080/00220272.2013.834077>
- Huizinga, T., & Van Harmelen, E. (2021). Een sprintaanpak voor het ontwikkelen van modulen. Ervaringen van docentontwerpers in het hoger onderwijs [A sprint approach to developing course modules. Experiences of teacher designers in higher education.] *Onderzoek van Onderwijs*, 50(2), 10-16.
- Hylén, J. (2006). *Open educational resources: Opportunities and challenges*. OECD. <http://www.oecd.org/edu/cei/37351085.pdf>.
- Inamorato dos Santos, A., Punie, Y., Castaño-Muñoz, J. (2016) *Opening up education: A support framework for higher education institutions*. Publications Office of the European Union. <https://doi.org/10.2791/293408>

- Janssen, B. & Van Casteren, W. (2021). *Digitale leermaterialen in het hoger onderwijs [Digital educational resources in higher education]*. Versnellingsplan Onderwijsinnovatie met ICT.
<https://www.versnellingsplan.nl/Kennisbank/publicatie-rapport-digitale-leermaterialen-in-het-hoger-onderwijs/>
- Jung, I., Sasaki, T., & Latchem, C. (2016). A framework for assessing fitness for purpose in open educational resources. *International Journal of Educational Technology in Higher Education*, 13(3). <https://doi.org/10.1186/s41239-016-0002-5>
- Kaatrakoski, H., Littlejohn, A., & Hood, N. (2017). Learning challenges in higher education: An analysis of contradictions within open educational practice. *Higher Education*, 74(4), 599-615. <https://doi.org/10.1007/s10734-016-0067-z>
- Kanwar, A., Kodhandaraman, B., & Umar, A. (2010). Toward sustainable open education resources: A perspective from the Global South. *American Journal of Distance Education*, 24(2), 65-80. <https://doi.org/10.1080/08923641003696588>
- Karolčík, Š., Čipková, E., Veselský, M., Hrubišková, H., & Matulčíková, M. (2017). Quality parameterization of educational resources from the perspective of a teacher. *British Journal of Educational Technology*, 48(2), 313-331.
<https://doi.org/10.1111/bjet.12358>
- Katz, S. (2020). Leveraging library expertise in support of institutional goals: A case study of an open educational resource initiative. *New Review of Academic Librarianship*, 25(2-4), 381-391. <https://doi.org/10.1080/13614533.2019.1630655>
- Kawachi, P. (2013). *Quality assurance guidelines for Open educational resources: TIPS framework*. Commonwealth Educational Media Centre for Asia (CEMCA).
<http://hdl.handle.net/11599/562>
- Kay, R. H., & Knaack, L. (2008). A multi-component model for assessing learning objects: The learning object evaluation metric (LOEM). *Australasian Journal of Educational Technology*, 24(5). <https://doi.org/10.14742/ajet.1192>
- Kelty, C. M., Burrus, C. S., & Baraniuk, R. G. (2008). Peer review anew: Three principles and a case study in postpublication quality assurance. *Proceedings of the IEEE*, 96(6), 1000-1011. <https://doi.org/10.1109/JPROC.2008.921613>
- Kimmons, R. (2015). OER quality and adaptation in K-12: Comparing teacher evaluations of copyright-restricted, open, and open/adapted textbooks. *The International Review of Research in Open and Distance Learning*, 16(5), 39-57. <https://doi.org/10.19173/irrodl.v16i5.2341>
- King, T. W. (2017). Postgraduate students as OER capacitors. *Open Praxis*, 9(2), 223-234. <https://doi.org/10.5944/openpraxis.9.2.566>
- Kinskey, C., King, H., & Miller, C. L. (2018). Open educational resources: An analysis of Minnesota State Colleges and Universities student preferences. *Open Learning: The Journal of Open, Distance and e-Learning*, 33(3), 190-202.
<https://doi.org/10.1080/02680513.2018.1500887>
- Koehler, M. J., Mishra, P., & Yahya, K. (2007). Tracing the development of teacher knowledge in a design seminar: Integrating content, pedagogy, and technology. *Computers & Education*, 49, 740-762.
<https://doi.org/10.1016/j.compedu.2005.11.012>
- Kurilovas, E., Birenienė, V., & Serikovienė, S. (2011). Methodology for evaluating quality and reusability of learning objects. *Electronic Journal of E-Learning*, 9(1), 39-51.
<https://files.eric.ed.gov/fulltext/EJ930254.pdf>
- Lam, I., & De Jong, R. (2015). *Van docentprofessionalisering naar onderwijsontwikkeling. Inventarisatie van de status quo van ICT-docentprofessionalisering [From teacher professionalization to educational development. Inventory of the status quo of ICT teacher professionalization]*. SURFnet.

- Lane, A. (2016). Emancipation through open education: Rhetoric or reality? In P. Blessinger & T. J. Bliss (Eds.), *Open education: International perspectives in higher education*. <https://doi.org/10.11647/OBP.0103>
- Lantz-Andersson, A., Lundin, M., & Selwyn, N. (2018). Twenty years of online teacher communities: A systematic review of formally-organized and informally-developed professional learning groups. *Teaching and Teacher Education, 75*, 302-315. <https://doi.org/10.1016/j.tate.2018.07.008>
- Laufer, M., Leiser, A., Deacon, B., Perrin de Brichambaut, P., Fecher, B., Kobsda, C., & Hesse, F. (2021). Digital higher education: A divider or bridge builder? Leadership perspectives on edtech in a Covid-19 reality. *International Journal of Educational Technology in Higher Education, 18*(51). <https://doi.org/10.1186/s41239-021-00287-6>
- Lawlor, J. A., Hammond, J. W., Lagoze, C., Huynh, M., & Moss, P. (2021). Platformed knowledge brokerage in education: Power and possibilities. In M. S. Weber & I. Yanovitzky (Eds.), *Networks, knowledge brokers, and the public policymaking process* (pp. 315-350). Palgrave Macmillan Cham. <https://doi.org/10.1007/978-3-030-78755-4>
- Leacock, T. L., & Nesbit, J. C. (2007). A framework for evaluating the quality of multimedia learning resources. *Educational Technology & Society, 10*(2), 44-59.
- Leighton, R. H., & Griffioen, D. M. E. (2021). Lecturers' curational behaviour in higher education. *Teaching in Higher Education*. <https://doi.org/10.1080/13562517.2021.1872530>
- Little, S., Ferguson, R., & Rüger, S. (2012). Finding and reusing learning materials with multimedia similarity search and social network. *Technology, Pedagogy and Education, 21*(2), 255-271. <https://doi.org/10.1080/1475939X.2012.698378>
- Long, J. C., Cunningham, F. C., & Braithwaite, J. (2013). Bridges, brokers and boundary spanners in collaborative networks: A systematic review. *BMC Health Services Research, 13*(158). <https://doi.org/10.1186/1472-6963-13-158>
- Luo, T., Hostetler, K., Freeman, C., & Stefaniak, J. (2020). The power of open: Benefits, barriers, and strategies for integration of open educational resources. *Open Learning: The Journal of Open, Distance and e-Learning, 35*(2), 140-158. <https://doi.org/10.1080/02680513.2019.1677222>
- Maciá, M., & García, I. (2016). Informal online communities and networks as a source of teacher professional development: A review. *Teaching and Teacher Education, 55*, 291-307. <https://doi.org/10.1016/j.tate.2016.01.021>
- Marín, V. I., Zawacki-Richter, O., Aydin, C. H., Bedenlier, S., Bond, M., Bozkurt, A., Conrad, D., Jung, I., Kondakci, Y., Prinsloo, P., Roberts, J., Veletsianos, G., Xiao, J., & Zhang, J. (2022). Faculty perceptions, awareness and use of open educational resources for teaching and learning in higher education: A cross-comparative analysis. *Research and Practice in Technology Enhanced Learning, 17*(11). <https://doi.org/10.1186/s41039-022-00185-z>
- Martin, M. T., Belikov, O. M., Hilton, J., Wiley, D., & Fischer, L. (2017). Analysis of student and faculty perceptions of textbook costs in higher education. *Open Praxis, 9*(1), 79-91. <https://doi.org/10.5944/openpraxis.9.1.432>
- Martin, L., & Ibbotson, P. (2021). Boundary spanning as identity work in university business engagement roles. *Studies in Higher Education, 46*(7), 1272-1284. <https://doi.org/10.1080/03075079.2019.1688281>

- März, V., Gaikhorst, L., Mioch, R., Weijers, D., & Geijsel, F.P. (2017). *Van acties naar interacties. Een overzichtsstudie naar de rol van professionele netwerken bij duurzame onderwijsvernieuwingen [From actions to interactions. A survey study of the role of professional networks in sustainable educational innovation]*. RICDE, Universiteit van Amsterdam/NSO-CNA Leiderschapsacademie.
- Mavri, A., Ioannou, A., & Loizides, F. (2021). Value creation and identity in cross-organizational communities of practice: A learner's perspective. *The Internet and Higher Education*, 51. <https://doi.org/10.1016/j.iheduc.2021.100822>
- Merriam, S. B. (1988). *Case Study Research in Education*. Jossey-Bass.
- Miao, F., Mishra, S., Orr, D., & Janssen, B. (2019). *Guidelines on the development of open educational resources policies*. UNESCO; Commonwealth of Learning (COL). <http://hdl.handle.net/11599/3455>
- Miles, M. B., Huberman, A. M., & Saldaña, J. (2014). *Qualitative data analysis: A methods sourcebook*. SAGE Publications, Inc.
- Miller, R., & Homol, L. (2016). Building an online curriculum based on OERs: The library's role. *Journal of Library & Information Services in Distance Learning*, 10(3-4), 349-359. <https://doi.org/10.1080/1533290X.2016.1223957>
- Montgomery, L., Hartley, J., Neylon, C., Gillies, M., Gray, E., Herrmann-Pillath, C., Huang, C., Leach, J., Potts, J., Ren, X., Skinner, K., Sugimoto, C. R., & Wilson, K. (2021). *Open knowledge institutions: Reinventing universities*. The MIT Press. <https://doi.org/10.7551/mitpress/13614.001.0001>
- Moon, J., & Park, Y. (2020). A scoping review on open educational resources to support interactions of learners with disabilities. *The International Review of Research in Open and Distance Learning*, 22(2), 314-341. <https://doi.org/10.19173/irrodl.v22i1.5110>
- Moore, J., & Reinsfelder, T. (2020). Current usage patterns of open educational resources in the engineering mechanics classroom and barriers to adoption. *Issues in Science and Technology Librarianship*, 95. <https://doi.org/10.29173/istl65>
- Morales, R., & Baker, A. (2018). Secondary students' perceptions of open science textbooks. *Journal of Interactive Media in Education*, 1(4), 1-9. <https://doi.org/10.5334/jime.455>
- Morehouse, S., McBride, M., Stone, K., & Burns, B. (n.d.). *OER assessment rubric. Questions to ask about the OER you are thinking of using*. <https://www.rcampus.com/rubricshowc.cfm?code=L9WC6X&sp=yes>
- Mtebe, J. S., & Raisamo, R. (2014). Challenges and instructors' intention to adopt and use open educational resources in higher education in Tanzania. *The International Review of Research in Open and Distributed Learning*, 15(1). <https://doi.org/10.19173/irrodl.v15i1.1687>
- Nguyen, H. T. T. (2020). Learning to teach across the boundary: A cultural historical activity theory perspective on a university-school partnership in Vietnam. *Teaching and Teacher Education*, 96. <https://doi.org/10.1016/j.tate.2020.103183>
- Nipa, T. J., & Kermanshachi, S. (2020). Assessment of open educational resources (OER) developed in interactive learning environments. *Education and Information Technologies*, 25, 2521-2547. <https://doi.org/10.1007/s10639-019-10081-7>
- Norman, D. (2003, August 21). *Addressing the Reusability Paradox?* <https://darcynorman.net/2003/08/21/addressing-the-reusability-paradox/>
- NOS (2022, November 21). *Advies: maak switchen van studie voor mbo-studenten makkelijker [Advice: make switching studies easier for vocational education students]*. <https://nos.nl/artikel/2453221-advies-maak-switchen-van-studie-voor-mbo-studenten-makkelijker>

- Obstfeld, D. (2017). *Getting new things done. Networks, brokerage, and the assembly of innovative action*. Stanford University Press.
- OCW (2015). *De waarde(n) van weten: Strategische agenda hoger onderwijs en onderzoek [The value of knowledge. Strategic agenda for higher education and research 2015–2025]*. Rijksoverheid.
- OCW (2019). *Houdbaar voor de toekomst. Strategische agenda hoger onderwijs en onderzoek [Sustainable for the future. Strategic agenda higher education and research]*. Rijksoverheid.
- Oelfke, A. L., Sadowski, J. A., Ramseier, C. M., Iremonger, C., Volkert, K., Dykman, E., Kuhl, L., & Baumann, A. (2021). Using open educational resources at Viterbo university: Faculty and student feedback. *The International Review of Research in Open and Distance Learning*, 22(1), 78-90. <https://doi.org/10.19173/irrodl.v22i1.4970>
- Oonk, C., Gulikers, J. T. M., Den Brok, P. J., Wesselink, R., Beers, P., & Mulder, M. (2020). Teachers as brokers: Adding a university-society perspective to higher education teacher competence profiles. *Higher Education*, 80, 701–718. <https://doi.org/10.1007/s10734-020-00510-9>
- Open Washington SBCTC. (n.d.). *Open attribution builder*. <https://www.openwa.org/open-attrib-builder/>
- Orr, D., Rimini, M., & van Damme, D. (2015). *Open educational resources: A catalyst for innovation*. OECD Publishing. <https://doi.org/10.1787/9789264247543-en>
- Ozdemir, O., & Bonk, C. (2017). Turkish teachers' awareness and perceptions of open educational resources. *Journal of Learning for Development*, 4(3). <https://doi.org/10.56059/jl4d.v4i3.224>
- Percy, T., & Van Belle, J. (2012). Exploring the barriers and enablers to the use of open educational resources by university academics in Africa. In I. Hammouda, B. Lundell, T. Mikkonen, & W. Scacchi (Eds), *Open source systems: Long-term sustainability*. OSS 2012. IFIP Advances in Information and Communication Technology, vol 378. Springer. https://doi.org/10.1007/978-3-642-33442-9_8
- Perryman, L., & Coughlan, T. (2014). When two worlds don't collide: Can social curation address the marginalisation of open educational practices and resources outside academia? *Journal of Interactive Media in Education*, 2014(2). <https://doi.org/10.5334/jime.ab>
- Porter, D. (2013). *Exploring the practices of educators using open educational resources (OER) in the British Columbia higher education system*. [Doctoral Dissertation, Simon Fraser University]. Simon Fraser Repository. <https://summit.sfu.ca/item/13663>
- Post, M., De Jong, M., Baas, M., & Jacobi, R. (2022). *Open pedagogy: A driving force for meaningful learning*. SIG Open Education. <https://communities.surf.nl/open-education/artikel/open-pedagogy-a-driving-force-for-meaningful-learning-2>
- Pryor, D., & Henley, A. (2018). Boundary spanning in higher education leadership: Identifying boundaries and practices in a British university. *Studies in Higher Education*, 43(12), 2210-2225. <https://doi.org/10.1080/03075079.2017.1318364>
- Pulker, H., & Kukulska-Hulme, A. (2020). Openness re-examined: Teachers' practices with open educational resources in online language teaching. *Distance Education*, 41(2), 216-229. <https://doi.org/10.1080/01587919.2020.1757412>
- Redecker, C. & Punie, Y. (2017). *European Framework for the Digital Competence of Educators: DigCompEdu*. Publications Office of the European Union. <https://doi.org/10.2760/159770>

- Reed, J. B., & Jahre, B. (2019). Reviewing the current state of library support for open educational resources. *Collection Management*, 44(2-4), 232-243. <https://doi.org/10.1080/01462679.2019.1588181>
- Ren, X. (2019). The undefined figure: Instructional designers in the open educational resource (OER) movement in higher education. *Education and Information Technologies*, 24, 3483-3500. <https://doi.org/10.1007/s10639-019-09940-0>
- Rets, I., & Rogaten, J. (2021). To simplify or not? Facilitating English L2 users' comprehension and processing of open educational resources in English using text simplification. *Journal of Computer Assisted Learning*, 37(3), 705-717. <https://doi.org/10.1111/jcal.12517>
- Rets, I., Coughlan, T., Stickler, U., & Astruc, L. (2023). Accessibility of open educational resources: How well are they suited for English learners? *Open Learning: The Journal of Open, Distance and e-Learning*, 38(1), 38-57. <https://doi.org/10.1080/02680513.2020.1769585>
- Rolfe, V. (2012). Open educational resources: staff attitudes and awareness. *Research in Learning Technology*, 20(1). <https://doi.org/10.3402/rlt.v20i0.14395>
- Rolfe, V. (2017). Striving toward openness: But what do we really mean? *The International Review of Research in Open and Distributed Learning*, 18(7). <https://doi.org/10.19173/irrodl.v18i7.3207>
- Saldaña, J. (2016). *The Coding Manual for Qualitative Researchers (3rd ed.)*. SAGE Publications, Inc.
- Sandanayake, T. C. (2019). Promoting open educational resources-based blended learning. *International Journal of Educational Technology in Higher Education*, 16(3). <https://doi.org/10.1186/s41239-019-0133-6>
- Sansom, R. L., Clinton-Lisell, V., & Fischer, L. (2021). Let students choose: Examining the impact of open educational resources on performance in general chemistry. *Journal of Chemical Education*, 98(3), 745-755. <https://doi.org/10.1021/acs.jchemed.0c00595>
- Santos-Hermosa, G., Ferran-Ferrer, N., & Abadal, E. (2017). Repositories of open educational resources: An assessment of reuse and educational aspects. *The International Review of Research in Open and Distributed Learning*, 18(5). <https://doi.org/10.19173/irrodl.v18i5.3063>
- Schophuizen, M., Kreijns, K., Stoyanov, S., & Kalz, M. (2018). Eliciting the challenges and opportunities organizations face when delivering open online education: A group-concept mapping study. *The Internet and Higher Education*, 36, 1-12. <https://doi.org/10.1016/j.iheduc.2017.08.002>
- Schophuizen, M., & Kalz, M. (2020). Educational innovation projects in Dutch higher education: Bottom-up contextual coping to deal with organizational challenges. *International Journal of Educational Technology in Higher Education*, 17(36). <https://doi.org/10.1186/s41239-020-00197-z>
- Schophuizen, M., Kreijns, K., Stoyanov, S., Rosas, S., & Kalz, M. (2021). Does project focus influence challenges and opportunities of open online education? A sub-group analysis of group-concept mapping data. *Journal of Computing in Higher Education*, 33, 255-280. <https://doi.org/10.1007/s12528-020-09264-w>
- Schreurs, B., Van den Beemt, A., Prinsen, F., Witthaus, G., Conole, G., & De Laat, M. (2014). An investigation into social learning activities by practitioners in open educational practices. *The International Review of Research in Open and Distributed Learning*, 15(4). <https://doi.org/10.19173/irrodl.v15i4.1905>

- Schuwer, R., & Janssen, B. (2016). *Open educational resources en MOOC's in het Nederlandse hoger onderwijs. Een onderzoek naar de stand van zaken rond productie en hergebruik [Open educational resources and MOOCs in Dutch higher education. An investigation into the state of production and reuse]*. Fontys Hogeschool ICT.
- Schuwer, R., & Janssen, B. (2018). Adoption of sharing and reuse of open resources by educators in higher education institutions in the Netherlands: A qualitative research of practices, motives, and conditions. *The International Review of Research in Open and Distributed Learning*, 19(3).
<https://doi.org/10.19173/irrodl.v19i3.3390>
- Schuwer, R., Baas, M., & De Ruijter, A. (2021). Students in search of (open) educational resources: The benefits to the learning process. In M. Baas, R. Jacobi & R. Schuwer (Eds.), *Theme edition on the reuse of open educational resources (OER)* (pp. 16-21). SURF SIG Open Education.
- Sloep, P. (2014). Didactic methods for open and online education. In H. Jelgerhuis & R. Schuwer (Eds.), *Open and online education; special edition on didactics* (pp. 15-18). SURF SIG Open Education.
- Smith, B., & Lee, L. (2017). Librarians and OER: Cultivating a community of practice to be more effective advocates. *Journal of Library & Information Services in Distance Learning*, 11(1-2), 106-122. <https://doi.org/10.1080/1533290X.2016.1226592>
- Stagg, A. (2014). OER adoption: A continuum for practice. *International Journal of Educational Technology in Higher Education*, 11(3), 151-164.
<https://doi.org/10.7238/rusc.v11i3.2102>
- Stagg, A., & Partridge, H. (2019). Facilitating open access to information: A community approach to open education and open textbooks. *Proceedings of the Association for Information Science and Technology*, 56(1), 477-480.
<https://doi.org/10.1002/pr2.76>
- Stichting UvO (n.d.). *Over Stichting UvO*. <https://www.stichting-uvoo.nl/nl/Over-Stichting-UvO>
- Stracke, C. M. (2019). Quality frameworks and learning design for open education. *The International Review of Research in Open and Distributed Learning*, 20(2).
<https://doi.org/10.19173/irrodl.v20i2.4213>
- Strijker, A. (2004). *Reuse of learning objects in context: Human and technical aspects* [Doctoral dissertation, University of Twente]. University of Twente Repository.
<http://doc.utwente.nl/41728>
- SURF (n.d.). *Quality assurance of open educational resources*. <https://www.surf.nl/en/quality-assurance-of-open-educational-resources?dst=n5176>
- Tlili, A., Nascimbeni, F., Burgos, D., Zhang, X., Huang, R., & Chang, T. W. (2020). The evolution of sustainability models for open educational resources: Insights from the literature and experts. *Interactive Learning Environments*.
<https://doi.org/10.1080/10494820.2020.1839507>
- Tlili, A., Zhang, J., Papamitsiou, Z., Manske, S., Huang, R., Kinshuk, & Hoppe, H. U. (2021). Towards utilising emerging technologies to address the challenges of using open educational resources: a vision of the future. *Educational Technology Research and Development*, 69, 515–532. <https://doi.org/10.1007/s11423-021-09993-4>
- Tosato, P., & Bodi, G. (2011). Collaborative environments to foster creativity, reuse and sharing of OER. *European Journal of Open, Distance and E-Learning*, 14(2).
- Tosato, P., Carramolino Arranz, B., & Rubia Avi, B. (2014). Sharing resources in open educational communities. *Qualitative Research in Education*, 3(1), 206-231.
<https://doi.org/10.4471/qre.2014.45>

- UNESCO (2020, May 20). *Recommendation on Open Educational Resources (OER)*.
<https://unesdoc.unesco.org/ark:/48223/pf00000373755/PDF/373755eng.pdf.multi.page=3>
- United Nations (2015). *Make the SDGS a reality*. <https://sdgs.un.org/>
- Van den Beemt, A., Ketelaar, E., Diepstraten, I., & De Laat, M. (2018). Teachers' motives for learning in networks: Costs, rewards and community interest. *Educational Research*, 60(1), 31-46. <https://doi.org/10.1080/00131881.2018.1426391>
- Van Genugten, K. (2022). *Sustainability of innovations in higher education: a literature exploration*. Zuyd Onderzoek.
<https://www.zuyd.nl/binaries/content/assets/zuyd/onderzoek/rapporten--presentaties/pvo---202203-sustainability-of-innovations-in-higher-education.pdf>
- Van Meerkerk, I., & Edelenbos, J. (2018). *Boundary spanners in public management and governance*. Edward Elgar Publishing.
- Van Meerkerk, I., & Edelenbos, J. (2019). Becoming a competent boundary spanning public servant. In H. Sullivan, H. Dickinson, & Henderson H. (Eds), *The Palgrave handbook of the public servant* (pp. 1437-1452). Palgrave Macmillan.
https://doi.org/10.1007/978-3-030-29980-4_39
- Van Veen, K., Zwart, R. C., Meirink, J. A., & Verloop, N. (2010). *Professionele ontwikkeling van leraren: een reviewstudie naar effectieve kenmerken van professionaliseringsinterventies van leraren [Teacher professional development: A review study of effective characteristics of teacher professionalization interventions]*. ICLON/Expertisecentrum Leren van Docenten.
- Van Waes, S., Moolenaar, N. M., Daly, A. J., Heldens, H. H. P. F., Donche, V., Van Petegem, P., & Van den Bossche, P. (2016). The networked instructor: The quality of networks in different stages of professional development. *Teaching and Teacher Education*, 59, 295-308. <https://doi.org/10.1016/j.tate.2016.05.022>
- Visscher-Voerman, J. I. A. (2018). *Perspectieven op curriculuminnovatie in het hoger onderwijs. [Perspectives on curriculum innovation in higher education]*. Hogeschool Saxion.
- Voogt, J., Westbroek, H., Handelzalts, A., Walraven, A., McKenney, S., Pieters, J., & De Vries, B. (2011). Teacher learning in collaborative teacher design. *Teacher and Teaching Education*, 27(8), 1235-1244.
<https://doi.org/10.1016/j.tate.2011.07.003>
- VSNU, VH, & SURF (2017). *Acceleration plan educational innovation with ICT*.
<https://www.versnellingsplan.nl/en/>
- Wang, S., & Wang, H. (2017). Adoption of open educational resources (OER) textbook for an introductory information systems course. *Open Learning: The Journal of Open, Distance and e-Learning*, 32(3), 224-235.
<https://doi.org/10.1080/02680513.2017.1354762>
- Wang, X. C., Liu, M. R., Sun, Y. X., Li, Q. H., & Gao, Y. (2017). Systematic analysis of international OER platforms and implications of educational resource construction of the B&R initiative. *E-education Research*, 38(12), 106-113.
- Warr, M., & Mishra, P. (2021). Integrating the discourse on teachers and design: An analysis of ten years of scholarship. *Teaching and Teacher Education*, 99.
<https://doi.org/10.1016/j.tate.2020.103274>
- Watson, C. E., Domizi, D. P., & Clouser, S. A. (2017). Student and faculty perceptions of OpenStax in high enrollment courses. *The International Review of Research in Open and Distributed Learning*, 18(5), 287-304.
<https://doi.org/10.19173/irrodl.v18i5.2462>
- Weller, M. (2010). *Big and little OER*. In Open Ed 2010 Proceedings. Barcelona: UOC, OU, BYU. <http://hdl.handle.net/10609/4851>

- Weller, M., De los Arcos, B., Farrow, R., Pitt, B., & McAndrew, P. (2015). The impact of OER on teaching and learning practice. *Open Praxis*, 7(4), 351-361. <https://doi.org/10.5944/openpraxis.7.4.227>
- Weller, M., Jordan, K., DeVries, I., & Rolfe, V. (2018). Mapping the open education landscape: Citation network analysis of historical open and distance education research. *Open Praxis*, 10(2). <https://doi.org/10.5944/openpraxis.10.2.822>
- Wenger, E., McDermott, R., & Snyder, W. M. (2002). *Cultivating communities of practice. A guide to managing knowledge*. Harvard Business School Press.
- Wenger, E., Trayner, B., & De Laat, M. (2011). *Promoting and assessing value creation in communities and networks: A conceptual framework*. Ruud de Moor Centrum, Open Universiteit.
- Wenger-Trayner, B., Wenger-Trayner, E., Cameron, J., Eryigit-Madzwamuse, S., & Hart, A. (2019). Boundaries and boundary objects: An evaluation framework for mixed methods research. *Journal of Mixed Methods Research*, 13(3), 321-338. <https://doi.org/10.1177/1558689817732225>
- Wiley, D. (n.d.). *Defining the 'open' in open content and open educational resources*. <http://open-content.org/definition>
- Wiley, D. (2002, August). *The reusability paradox*. <https://opencontent.org/docs/paradox.html>
- Wiley, D. (2009, June 10). *Dark matter, dark reuse, and the irrational zeal of a believer*. <https://opencontent.org/blog/archives/905>
- Wiley, D. (2014, March 5). *The access compromise and the 5th R*. <https://opencontent.org/blog/archives/3221>
- Wiley, D., Williams, L., DeMarte, D., & Hilton, J. (2016). The Tidewater z-degree and the INTRO model for sustaining OER adoption. *Education Policy Analysis Archives*, 24(41). <https://doi.org/10.14507/epaa.24.1828>
- Wiley, D., & Hilton, J. (2018). Defining OER-enabled pedagogy. *International Review of Research in Open and Distributed Learning*, 19(4). <https://doi.org/10.19173/irrodl.v19i4.3601>
- Wiley, D. (2020, May 27). *The revisability paradox*. <https://opencontent.org/blog/archives/6506>
- Williams, P. (2002). The competent boundary spanner. *Public Administration*, 80(1), 103-124. <https://doi.org/10.1111/1467-9299.00296>
- Williams, J. (2017). *Collaboration, alliance, and merger among higher education institutions*. OECD Education Working Papers No. 160. OECD Publishing. <https://doi.org/10.1787/cf14d4b5-en>
- Wittkower, L. R., & Lo, L. S. (2019). Undergraduate student perspectives on textbook costs and implications for academic success. *Open Praxis*, 12(1), 115-130. <https://doi.org/10.5944/openpraxis.12.1.1036>
- Yao, Z. (2020). *A university program for faculty-librarian OER partnerships: An activity systems analysis*. [Doctoral dissertation, Florida State University]. Proquest Dissertations Publishing.
- Yuan, M., & Recker, M. (2015). Not all rubrics are equal: A review of rubrics for evaluating the quality of open educational resources. *The International Review of Research in Open and Distributed Learning*, 16(5). <https://doi.org/10.19173/irrodl.v16i5.2389>
- Yuan, M., & Recker, M. (2018). Does audience matter? Comparing teachers' and non-teachers' application and perception of quality rubrics for evaluating open educational resources. *Educational Technology Research and Development*, 67, 39-61. <https://doi.org/10.1007/s11423-018-9605-y>

- Zaalouk, M., EL-Deghaidy, H., Eid, L., & Ramadan, L. (2021). Value creation through peer communities of learners in an Egyptian context during the COVID-19 pandemic. *International Review of Education*, 67(1-2), 103-125. <https://doi.org/10.1007/s11159-021-09892-z>
- Zawacki-Richter, O., & Mayrberger, K. (2017). *Qualität von OER. Internationale bestandsaufnahme von instrumenten zur qualitätssicherung von open educational resources (OER) [Quality of OER. International inventory of quality assurance tools for open educational resources (OER)]*. Hamburg Open Online University. <https://doi.org/10.25592/978.3.924330.61.3>
- Zawacki-Richter, O., Müskens, W., Marín, V. I. (2022). Quality assurance of open educational resources. In O. Zawacki-Richter & I. Jung (Eds), *Handbook of open, distance and digital education*. Springer Singapore. https://doi.org/10.1007/978-981-19-0351-9_43-1

References



Appendices

APPENDIX A. Questionnaire (study 1)

More and more educational resources are being developed by teachers across the globe. Sharing and reusing (educational) materials within our institute, but also in close collaboration with other institutes, can be helpful when designing and teaching education. We would like to gain insights into the extent that sharing resources with others is already happening. And more specifically, we are also interested in your opinion on the use of resources created by others.

With the results we will determine how we can support the sharing and reuse of educational materials within our institute. We would therefore greatly appreciate it if you would fill in this questionnaire. This survey takes about 5 minutes to complete.

The main results will be shared within your school 6 weeks after the closing date of this questionnaire.

What do you know about this logo?



- I've never seen it
- I've seen it but I don't know what it means
- I've seen it and I know what it means

The logo you have just seen is a Creative Commons license and is often used to indicate what rights you have as a user when (re)using Open Educational Resources.

Are you familiar with the term Open Educational Resources?

- No, I'm not familiar with Open Educational Resources
- I have heard of OER
- Yes, I'm familiar with Open Educational Resources

Display these questions: If answer on previous question is (2) or (3)

Have you used open educational resources in the past academic year?

- Yes
- No
- I don't know

Did you share your own educational resources with colleagues in the past academic year? (inside and/or outside the institute)

- Yes
- No

Display this question: If answer on previous question is Yes

How did you share these resources with your colleagues?

- Without any kind of rights
- With copyright for me
- With copyright for the institution
- With an open license
- Other, namely

Below are 10 statements on the use of open educational resources in education. You will be asked to indicate to what extent you agree or disagree with the statements.

But first to clarify, OER are learning, teaching and research materials that reside in the public domain or are under copyright but have been shared with an open license. It permits no-cost access, re-use, re-purpose, adaptation and redistribution by others.

[image with an example of an OER, including creative commons logo]

On a scale of 1 = strongly disagree to 5 = strongly agree

1. The (re)use of OER saves time
2. I know where I can search for OER
3. I have sufficient expertise to assess the quality of OER
4. It is difficult to find OER of sufficient quality
5. I rather use OER which are recommended by someone I know and trust
6. I rather use OER by an author or institution with a good reputation
7. It is quite easy to adapt OER so that it meets my requirements
8. I wonder if I have enough skills to use OER effectively
9. I have sufficient knowledge to implement OER in my curriculum
10. I think I can learn to use OER fairly quickly

To conclude, we ask you to indicate which, if any, of the following types of educational resources you have used last academic year. Choose a frequency between 1 = never (not all all) to 5 = often (at least several times a month) in the first column. Indicate the origin(s) of these resources in the second column. Options of origin include publisher, self-developed, colleagues, internet, open license (e.g. Creative Commons), or commercial. Multiple options are possible.

Type of resources	Frequency of use (on scale 1 to 5)	Origin resources (selection from options)
Pictures, photos, infographics		
Presentations		
Video or audio fragments		
Assessments		
'Knowledge clips'		
Rubrics		
Peer-feedback		
Portfolios		
Lectures		
Elements of a course		
Whole course		
E-books		
Data sets		
(Educative) games or simulations		
Other, namely		

We finally, ask for some demographic data.

How much teaching experience do you have in higher education?

- 0-2 year
- 3-5 year
- 6-10 year
- 10 year

What is your age?

- ≤ 25 year
- 26-35 year
- 36-45 year
- 46-55 year
- 55 year

What is your gender?

- Man
- Woman
- Other

APPENDIX B. Overview of OER for each subject that were assessed (study 2)

Subject	No	Type	Title	Provider	Link
Business Analytics (BA)	1	OT	Introductory Business Statistics	OpenStax	https://openstax.org/details/books/introductory-business-statistics
	2	OOC	Open and Personalized Statistics Education	Utrecht University	https://www.uu.nl/onderwijs/open-en-gepersonaliseerd-statistiekonderwijs/lesmateriaal
	3	OT	Beginning Excel	Open Oregon Educational Resources	https://openoregon.pressbooks.pub/beginningexcel
	4	OCW	Data Analysis: Take it to the MAX	TU Delft OpenCourseWare	https://ocw.tudelft.nl/courses/data-analysis-take-it-to-the-max/
Intercultural Communication (IC)	1	OCW	Professional Communication	Olds College in collaboration with the Government of Alberta	http://www.procoemoer.org/
	2	OT	Intercultural Learning. Critical preparation for international student travel	University of Technology Sydney	https://epress.lib.uts.edu.au/books/intercultural-learning
	3	OOC	English for Media Literacy	University of Pennsylvania	https://www.coursera.org/learn/media?siteID=SAyYsTvLIgQ-YF_eVw_iP0MyTlIN9z66vA&utm_content=10&utm_medium=partners&utm_source=linkshare&utm_campaign=SAyYsTvLIgQ
Research Methods (RM)	1	OOC	Open and Personalized Statistics Education	Utrecht University	https://www.uu.nl/onderwijs/open-en-gepersonaliseerd-statistiekonderwijs/lesmateriaal
	2	OT	Choosing & Using Sources: A Guide to Academic Research	Ohio State University Libraries	https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=333
	3	OCW	Videos of Qualitative Research Methods	University of Amsterdam	https://www.coursera.org/learn/qualitative-methods/home/welcome
	4	OT	Introductory Statistics	OpenStax	https://cnx.org/contents/MBIUQmmY@20.1:2T34_25K@11/Introduction

APPENDIX C. Context in which the brokers are operating (study 3)

To foster the transition from the historical system to the desired system, a temporary activity system was set up to achieve sharing and reuse of OER within an active professional community of teachers across institutes. In this appendix, we provide a detailed account of this temporary activity system in which the brokers (subject) were operating.

Object and Outcome

The object 'refers to the "raw material" or "problem space" at which the activity is directed' (Engeström & Sannino, 2010, p. 6). The object of the temporary activity system was: (a) to expand involvement in the sharing and reuse of high-quality OER and participation in the online community to teachers across all 15 institutes; and (b) to create structures and conditions to foster the sustainability of the collaboration after the project period. This should ultimately lead to the outcome of high-quality education.

Instruments

The brokers used mediating instruments to achieve the object. An OER repository was made available for which a subject vocabulary was developed so that searching, finding and uploading would take place under standardized and recognizable terms. If OER met the requirements as outlined in the quality model, a quality label was given as a seal of approval. This made it easier for teachers to quickly find the right materials of guaranteed quality. In addition to the repository, an online professional community was available for teachers. The aim of this community was to provide teachers with the opportunity to connect, discuss OER and practices or identify the need for new OER. New OER were created by the core institutes based on teachers' needs. To raise awareness of both the repository and the online community, PR resources were available. Additionally, professional development activities took place, since creating, sharing and using OER entails expanding the traditional role of teachers.

Rules

The rules refer to the explicit and implicit regulations and standards that constrain actions (Engeström & Sannino, 2010). Several rules were imposed in this project and all institutes committed to follow them when agreeing to participate in the project:

- A quality model had been developed and adopted. This model provided teachers with guidelines to optimize the quality of their own resources while it also provided them with the confidence that the OER in the repository were of high quality.
- A total of 1900 OER would be shared in the repository, all described in accordance with the quality model. Resources did not necessarily have to originate from the institutes, OER from third parties were shared as well (referatory).
- All resources were to be shared under a Creative Commons license.
- A total of 40 new OER would be developed by the core institutes. Objectives were for two or more institutes to co-create new OER by remixing with existing OER if possible.
- The aim was to realize an active community of practice in which approximately 500 teachers would take part.
- Frequent evaluation moments took place through process reports to discuss progress and possible issues within the institutes.

Community

The community is defined as consisting of all involved who share the same object. The potential community of this activity system consisted of all (approximately 2500) teachers within the 15 institutes. The institutes are united under the umbrella of the National Consultation on Nursing Education (LOOV). Collaboration was sought with the professional nursing association. Towards the end of the project, healthcare professionals were approved to participate to create interaction between institutes and the healthcare profession.

Division of labour

Division of labour relates to the 'horizontal division of tasks and vertical division of power and status' (Engeström & Sannino, 2010, p. 6). The activity was organized according to the division of labour distributed across all 15 institutes, although the core institutes had more responsibilities than the project institutes. Within the institutes, management had given their commitment to the project. The brokers acted as the link between the project system and the institute. The project manager had the coordinating role in the project by monitoring progress and disseminating knowledge. The project was overseen by a steering committee which could intervene if progress within an institute stalled. Quality assessors assessed the OER in the repository on the indicators of the quality model and, if the OER complied with them, awarded a seal of approval. A community coordinator was assigned with tasks related to community management. Teachers were supported by support staff (e.g. library, ICT or educational support).

APPENDIX D. Brokers' experiences of actions they undertook (study 3)

Focus of actions	Topic	Description	Remark	Actions	Exemplary quotation
Encourage teachers	Encouragement and awareness	Actions aimed at creating awareness about the project Together Nursing and encouraging teachers to engage with it	+	<ul style="list-style-type: none"> ▪ Small-scale meetings ▪ Individual approach ▪ Relate to teaching content ▪ Relate to curriculum reforms ▪ Relate to 'what's in it for me' ▪ Rewarding and complimenting ▪ Respond to covid-19 	'In the beginning we mainly organized some larger meetings. First meetings within the educational programs, then in the various teacher teams. The more it became individual, in groups of six but indeed also individual like "hey, I'll bring you up to speed, come and sit down" [...], the more it became widely supported.'
			-	<ul style="list-style-type: none"> ▪ Large-scale meetings ▪ Use of PR posters ▪ Mailing 	
Use of OER repository	Teacher support	Actions aimed at supporting teachers in using the online community and the OER repository	+	<ul style="list-style-type: none"> ▪ Workshops ▪ Lessons ▪ Individual support 	'Different team members need different approaches. It also depends on the stage of the process you're in. In the beginning more general workshops and trainings. Later on, the individual approach was more valuable.'
			-	<ul style="list-style-type: none"> ▪ Workshops 	
Use of OER repository	Creation of OER	Actions aimed at the collaborative creation of new OER	+	No reflective remarks on actions	'I think I would have liked to involve the creators of OER earlier on. By doing so, the group becomes a bit larger which provides a bit more power within your institute to enthusiasm more people.'
			-	<ul style="list-style-type: none"> ▪ Too late involvement of OER designers 	
Use of OER repository	Share and reuse OER	Actions aimed at sharing and reusing OER	+	<ul style="list-style-type: none"> ▪ Relate to teaching content ▪ Relate to curriculum reforms ▪ Use of metadata form ▪ Upload OER for teachers ▪ Schedule plenary sessions to share resources as OER 	'Actively searching for beautiful resources in the digital learning environments to share [in the repository]. I would recommend this method to everyone, instead of focusing solely on the quota. It is much more rewarding to look at what colleagues do in their classes and to share the best components with colleagues at other universities of applied sciences.'

Focus of actions	Topic	Description	Remark	Actions	Exemplary quotation
Use of repository	Share and reuse OER		-	<ul style="list-style-type: none"> ▪ Open call to share OER ▪ Enforce teachers to share an x number of OER ▪ Schedule plenary sessions to share resources as OER ▪ Stress the quota of OER to be shared by the institute 	'Require teacher teams to share an x number of resources. Positive result: resources to share, colleagues getting excited about the OER repository and the online community. Negative result: resistance to the entire project.'
			+	No reflective remarks on actions	
Use of online community	Cultivation of community	Actions aimed at the adoption of the quality model and corresponding quality label	-	No reflective remarks on actions	
			+	<ul style="list-style-type: none"> ▪ Relate to 'what's in it for me' ▪ Relate to teaching content 	
Organizational structures	Within the institutes	Actions aimed at cultivating the online community within the institute	-	Lack of face-to-face contact	'That's what a number of colleagues have passed on, that [they] like to know who they are talking to. That [they] like to have met people as [they] are more inclined to look them up and connect with them in the online community. There is a need to see with who you are collaborating.'
			+	<ul style="list-style-type: none"> ▪ Collaboration with library ▪ Integration into HR interviews 	
Organizational structures	Of the project	Actions aimed at creating the intended structure of the project organization	-	<ul style="list-style-type: none"> ▪ Limited focus on collective responsibility ▪ Organizational pre-conditions not in place on time 	'I think that we could have done a better job of explaining within the team how we would attain the number of open resources. That doesn't take away the fact that everyone was enthusiastic about the project. I think that this [...] has been emphasized more than the collective responsibility of sharing resources.'
			+	<ul style="list-style-type: none"> ▪ The role of brokers and project manager ▪ Quality assessors of OER 	

Focus of actions	Topic	Description	Remark	Actions	Exemplary quotation
				<ul style="list-style-type: none"> ▪ Enthusiastic individuals ▪ Personal enthusiasm ▪ Tedious project meetings ▪ Solely focus on institutional commitment ▪ Joining project after 1 year 	<p>role is so essential. Yes, [...] you need a driving force whom encourages people based upon their own enthusiasm.'</p> <p>'What I take away with me for the future is that commitment alone is not enough. The responsibility must be felt and must be implemented in all levels [of the institute] so that when you make agreements, 134 OER, the teachers don't see it as a burden but know that we have to comply with it. And that we have the opportunity to do so, because we have been given the time for it.'</p>
	External promotion	Actions aimed at promoting the project Together Nursing outside the participating institutes	+	No reflective remarks on actions	
			-	No reflective remarks on actions	

Note. + = positive remarks and - = negative remarks in relation to action

APPENDIX E. Questionnaire (study 4)

The project Together Nursing is, officially, coming to an end. A festive online wrap-up will take place on October the 30th. Through this questionnaire we want to evaluate how and to what extent the products developed in this project, namely Wikiwijs and the online community hbovpk.nl, are used by teachers. Completing the questionnaire will take a maximum of 10 minutes. Once the results are known they will be shared within the community.

What is your age?

- <26 years
- 26-35 years
- 36-45 years
- 46-55 years
- >55 years

What is your gender?

- Male
- Female
- Other / I prefer not to disclose

How many years have you been working in higher education?

- 0-2 years
 - 3-5 years
 - 6-10 years
 - >10 years
-

Did you ever made use of the OER repository?

[image of OER repository visible]

- Yes
 - No
 - I don't know
-

Display these questions: If answer on previous question is Yes

How would you characterize your usage of the OER repository?

Scale of 1 = very occasionally to 5 = very frequently

Please indicate to what extent you disagree or agree with the following statements concerning the OER repository Wikiwijs hbo vpk.

Scale of 1 = strongly disagree to 5 = strongly agree

1. I know the conditions under which I may reuse resources from [the repository] in my own teaching
2. In [the repository] I can find resources that are relevant
3. In [the repository] I can find resources of good quality
4. I know how to search for resources in [the repository]
5. I use the quality mark to determine the quality of resources in [the repository]
6. I plan to (continue to) use resources from [the repository] in the future

How often did you use or share resources?

Scale of 1 = never to 5 = very often

1. I have shared resources in [the repository] or arranged for them to be shared (e.g. by the library)
2. I have used resources of [the repository] in my own education without making adjustments to them
3. I have used resources of [the repository] in my own education with making adjustments to them

Can you give an example how the [OER repository] has influenced your work? What did you gain through your engagement with the [OER repository?]

[open-ended]

Display this question: If answer on question 'did you ever made use of the OER repository' is No

Can you indicate why you are not using [the OER repository]? Multiple answers are possible.

- I have not looked into it yet
- I have no need for other educational resources
- I find the quality of the resources unsatisfactory
- The resources are not suitable for my teaching
- It takes too much time to search for relevant resources
- I prefer not to share my educational resources publicly
- I don't know how to make my own resources appropriate for public sharing

Other answer? Please enter it here.

[open-ended]

Did you ever made use of the online community?

[image of online community visible]

- Yes
 - No
 - I don't know
-

Display these questions: If answer on previous question is Yes

How would you characterize your usage of the online community?

Scale of 1 = very occasionally to 5 = very frequently

Which activities have you undertaken in the online community? Multiple answers are possible.

- I have looked around
- I am a member of a thematic group
- I have posted a message
- I replied to a message
- I have asked a #daretoask question
- I have visited the OER marketplace
- I connected with another member
- I specifically looked for particular information
- Other, namely

Can you give an example how the online community has influenced your work? What did you gain through your participation in the online community?

[open-ended]

Display this question: If answer on question 'did you ever made use of the online community' is No

Can you indicate why you are not using the online community? Multiple answers are possible.

- I have not looked into it yet
- I do not see the added value compared to my current network(s)
- It takes up too much time
- I do not have issues, thoughts, or ideas that I want to share in the online community
- I do not know whether I can make a valuable contribution in the online community
- I am not comfortable to share issues, thoughts, or ideas in the online community

Other answer? Please enter it here.

[open-ended]