

1. Record Nr.	UNINA9910306634703321
Titolo	Opening Up Education
Pubbl/distr/stampa	Cambridge, : The MIT Press, 2010
ISBN	0-262-51501-6
Descrizione fisica	1 online resource (504)
Altri autori (Persone)	IiyoshiToru KumarM. S. Vijay
Disciplina	378.1/758
Soggetti	Universities Educational equipment & technology, computer-aided learning (CAL)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword: Creating a culture of learning / John Seely Brown -- Section introduction: an invitation to open up the future of education / Toru Iiyoshi, M. S. Vijay Kumar -- Open educational technology. Section introduction: Open educational technology : tempered aspirations / Owen McGrath -- Designing open educational technology / David Kahle -- Gates are shut : technical and cultural barriers to open education / Stuart D. Lee -- Does an open source strategy matter? Lessons learned from the iLabs Project / Phillip D. Long, Stephen C. Ehrmann -- Evaluating the results of open education / Edward Walker -- Harvest too large? A framework for educational abundance / Trent Batson, Neeru Paharia, M. S. Vijay Kumar -- Digital libraries, learning communities, and open education / Clifford Lynch -- Open Source in open education : promises and challenges / Christopher J. Mackie -- Open educational content. Section introduction: Open educational content : transforming access to education / Flora McMartin -- Widening participation in education through open educational resources / Andy Lane -- Building open learning as a community based research activity / Candace Thille -- Extending the impact of open educational resources through alignment with pedagogical content knowledge and institutional strategy : lessons learned from the MERLOT community experience / Tom Carey, Gerard L. Hanley -- Why understanding the use and users of open education matters / Diane Harley -- OpenCourseWare : building a culture of sharing" / Steven R.

Lerman, Shigeru Miyagawa, Anne H. Margulies -- Challenges and opportunities for the open education movement : a connexions case study / Richard G. Baraniuk -- 2005-2012 : the OpenCourseWars / David Wiley -- Revolutionizing education through innovation : can openness transform teaching and learning? / Catherine M. Casserly, Marshall S. Smith -- Open educational knowledge. Section introduction: Open educational knowledge : more than opening the classroom door / Cheryl R. Richardson -- Inquiry unplugged : a scholarship of teaching and learning for open understanding / Richard A. Gale -- Middle of open spaces : generating knowledge about learning through multiple layers of open teaching communities / Randall Bass, Dan Bernstein -- Open teaching : the key to sustainable and effective open education / Diana Laurillard -- Promoting technology enabled knowledge building and sharing for sustainable open educational innovations / Toru Iiyoshi, Cheryl R. Richardson -- Scaffolding for systemic change / Barbara Cambridge -- Learning design : sharing pedagogical know how" / James Dalziel -- Common knowledge : openness in higher education / Diana G. Oblinger, Marilyn M. Lombardi -- Open for what? A case study of institutional leadership and transformation / Bernadine Chuck Fong -- What's next for open knowledge? / Mary Taylor Huber, Pat Hutchings -- Conclusion: New pathways for shaping the collective agenda to open up education / Toru Iiyoshi, M. S. Vijay Kumar.

Sommario/riassunto

Experts discuss the potential for open education tools, resources, and knowledge to transform the economics and ecology of education. Given the abundance of open education initiatives that aim to make educational assets freely available online, the time seems ripe to explore the potential of open education to transform the economics and ecology of education. Despite the diversity of tools and resources already available—from well-packaged course materials to simple games, for students, self-learners, faculty, and educational institutions—we have yet to take full advantage of shared knowledge about how these are being used, what local innovations are emerging, and how to learn from and build on the experiences of others. Opening Up Education argues that we must develop not only the technical capability but also the intellectual capacity for transforming tacit pedagogical knowledge into commonly usable and visible knowledge: by providing incentives for faculty to use (and contribute to) open education goods, and by looking beyond institutional boundaries to connect a variety of settings and open source entrepreneurs. These essays by leaders in open education describe successes, challenges, and opportunities they have found in a range of open education initiatives. They approach—from both macro and micro perspectives—the central question of how open education tools, resources, and knowledge can improve the quality of education. The contributors (from leading foundations, academic institutions, associations, and projects) discuss the strategic underpinnings of their efforts first in terms of technology, then content, and finally knowledge. They also address the impact of their projects, and how close they come to achieving a vision of sustainable, transformative educational opportunities that amounts to much more than pervasive technology. Through the support of the Carnegie Foundation for the Advancement of Teaching, an electronic version of this book is openly available under a Creative Commons license at The MIT Press Web site, <http://mitpress.mit.edu>. Contributors Richard Baraniuk, Randy Bass, Trent Batson, Dan Bernstein, John Seely Brown, Barbara Cambridge, Tom Carey, Catherine Casserly, Bernadine Chuck Fong, Ira Fuchs, Richard Gale, Mia Garlick, Gerard Hanley, Diane Harley, Mary Huber, Pat Hutchings, Toru Iiyoshi,

David Kahle, M. S. Vijay Kumar, Andy Lane, Diana Laurillard, Stuart Lee,
Steve Lerman, Marilyn Lombardi, Phil Long, Clifford Lynch, Christopher
Mackie, Anne Margulies, Owen McGrath, Flora McMartin, Shigeru
Miyagawa, Diana Oblinger, Neeru Paharia, Cheryl Richardson, Marshall
Smith, Candace Thille, Edward Walker, David Wiley
