1. Record Nr. UNINA9910461501203321

Titolo	Transnationalism [[electronic resource]] : Canada-United States history into the twenty-first century / / edited by Michael D. Behiels and Reginald C. Stuart
Pubbl/distr/stampa	Montreal ; ; Ithaca, : McGill-Queen's University Press, c2010
ISBN	0-7735-8133-2
Descrizione fisica	1 online resource (317 p.)
Altri autori (Persone)	BehielsMichael D <1946-> (Michael Derek) StuartReginald C
Disciplina	303.48/271073
Soggetti	Transnationalism National characteristics National security Indians of North America Electronic books. Canada Boundaries United States Congresses United States Boundaries Canada Congresses Canada Relations United States Congresses United States Relations Canada Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	An anthology of papers presented at the Organization for the History of Canada Conference, Spring 2004, Ottawa, Ont.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: Forging a New American Continent; Transnational Theories and Studies 3 / Michael D. Behiels / Reginald C. Stuart -- Do Borders Matter in Native American History? An American Perspective 21 / Roger L. Nichols -- The Border and First Nations History: A Canadian View 32 / Robin Fisher -- Borders and Brows: Mass Culture and National Identity in North America since 1900 47 / Reginald C. Stuart -- Dancing with Our Neighbours: English Canadians and the Discourse of Anti-Americanism 69 / Jennifer MacLennan -- Allied Christian Soldiers: Convergence and Divergencein the Canadian and American Missionary Movements at the Home Base in Korea, 1870-1960 86 / Ruth Compton Brouwer -- The Canada-Ontario Agreement and the Great Lakes Water Quality Agreement 115 / Philip V. Scarpino -- No

		Pushovers in Ottawa: Canadian-American Relations As Seen through Cars and Nixon 1962-1972 133 / Bruce Muirhead -- From Conflict to Cooperation: Canada's US Oil and Gas Policy from the 1970s to the 1980s 149 / Tammy Nemeth -- A North American Peace? Canada - United States Security Relations since 1967 183 / Stephane Roussel -- The Myth of Obsequious Rex: Mackenzie King, Franklin D. Roosevelt, and Canada-US Security, 1935-1940 203 / Galen Roger Perras -- The Clayton Knight Committee: Clandestine Recruiting of Americans for the Royal Canadian Air Force, 1940-1941 224 / Rachel Lea Heide -- Nukes and Spooks: Canada-US Intelligence Sharing and Nuclear Consultations, 1950-1958 241 / Greg Donaghy -- O.D. Skelton and the Rise of North Americanism 261 / Norman Hillmer -- Great Expectations: America's Approach to Canada 279 / Stephen J. Randall.
2.	Record Nr.	UNINA9910164136803321
	Titolo	Bio-aggregates Based Building Materials : State-of-the-Art Report of the RILEM Technical Committee 236-BBM / / edited by Sofiane Amziane, Florence Collet
	Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2017
	ISBN	94-024-1031-7
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XXXIII, 263 pages) : illustrations
	Collana	RILEM State-of-the-Art Reports, , 2213-2031 ; ; 23
	Disciplina	620.13
	Soggetti	Building materials Biomaterials Mechanics, Applied Sustainable architecture Building Materials Engineering Mechanics Sustainable Architecture/Green Buildings
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	Chapter 1. Chemical composition of bioaggregates and their interactions with mineral binders -- 1.0 Introduction -- 1.1

Composition of hemp stem -- 1.2 Processing of hemp stem and microstructure of hemp shiv -- 1.3 Cell wall components -- 1.4 Chemical composition of bioaggregates -- 1.5 Surface characterization of bioaggregates – adhesion between lignocellulosic aggregates and a mineral binder -- 1.6 Chemical interactions between bioaggregates and mineral binders -- 1.7 Conclusion -- References -- Chapter 2. Porosity, pore size distribution, micro-structure -- 2.0 Introduction -- 2.1 Techniques used to measure porosity -- 2.2 Conclusion -- References -- Chapter 3. Water absorption of plant aggregate -- 3.0 Introduction -- 3.1 Wetting of porous, heterogeneous surfaces -- 3.2 Transfer phenomena in a porous medium -- 3.3 Analogy with adhesion of mortars to a porous support -- 3.4 Overview of the processes of binder/wood adhesion -- 3.5 Conclusion -- References -- Chapter 4. Particle Size Distribution -- 4.0 Introduction -- 4.1 General characteristics of shiv particles -- 4.2 Sieving methods -- 4.3 Image-processing methods -- 4.4 Image-analysis -- 4.5 Characterization of the PSD -- 4.6 Conclusions -- References -- Chapter 5. Bulk density and compressibility -- 5.0 Introduction -- 5.1 Density and porosity, case of hemp shiv -- 5.2 Bulk compressibility -- 5.3 Conclusions and perspectives -- References -- Chapter 6. Hygric and thermal properties of bio-aggregate based building materials -- 6.0 Introduction -- 6.1 Hygric properties -- 6.2 Thermal properties -- 6.3 Concluding remarks on hygrothermal behavior of bio-aggregate based building materials -- References -- Chapter 7. Bio-aggregate based building materials exposed to fire7.1 Introduction -- 7.2 Fire reaction -- 7.3 Fire resistance -- 7.4 Real scale fire tests -- 7.5 Other quaint matter fire test -- References -- Chapter 8. Durability of bio-based concretes -- 8.0 Introduction -- 8.1 Accelerated aging protocols for bio-based construction materials.-8.2 Aging of bio-based concretes -- 8.3 Aging of natural fibres-cement composites -- 8.4 Concluding remarks -- References -- Chapter 9. Effect of testing variables (method of production) -- 9.0 Introduction -- 9.1 Materials and methods -- 9.2 Results -- 9.3 Conclusion -- Acknowledgments -- References -- APPENDIX : Technical Commitee Report - Rilem TC 236 BBM - Bio based Building Materials - Round Robin test for hemp shiv Characterisation -- Round Robin Test For Hemp shiv Characterisation -- Part 1 : Evaluation Of Initial Water Content And Water Absorption -- 1 Introduction -- 2 Material -- 52% -- 18% -- 2.1 Microscopical description -- 3 Initial Water Content -- 3.1 Methods -- 3.2 Results -- 3.3 Concluding remarks on initial water content -- 4 Water Absorption -- 4.1 Description of the experimental methods -- 4.2 Results -- 4.3 Concluding remarks -- Summary of Findings -- Round Robin Test For Hemp shiv Characterisation -- Part 2: Bulk Density And Particle Size Distribution -- 5 Introduction -- 6 Material -- 52% -- 18% -- 7 Bulk Density -- 7.1 Methods -- 7.2 Results -- 7.3 Concluding remarks on bulk density -- 8 Particle Size Distribution -- 8.1 Sieving method -- 8.2 Image processing -- 8.3 Comparison between sieving and image analysis results -- 8.4 Concluding remarks on Particle Size Distribution -- Summary Of Findings -- Acknowledgements -- Round Robin Test For Hemp shiv Characterisation -- Part 3 : Thermal Conductivity -- 9 Introduction -- 10 Material -- 52% -- 18% -- 11 Thermal Conductivity -- 11.1 Experimental methods -- 11.2 Results -- 11.3 Concluding remarks -- Summary Of Findings -- Acknowledgements. .

Sommario/riassunto

The work of the RILEM Technical Committee (TC -236 BBM) was dedicated to the study of construction materials made from plant particles. It considered the question whether building materials containing as main raw material recyclable and easily available plant particles are renewable. This book includes a state-of-the-art report

and an appendix. The state-of-the-art report relates to the description of vegetal aggregates. Then, hygrothermal properties, fire resistance, durability and finally the impact of the variability of the method of production of bio-based concrete are assessed. The appendix is a TC report which presents the experience of a working group. The goal was to define testing methods for the measurement of water absorption, bulk density, particle size distribution, and thermal conductivity of bio aggregates. The work is based on a first round robin test of the TC-BBM where the protocols in use by the different laboratories (labs) are compared. .