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Alfalfa; 3.6.7 Other Grasses; 3.7 Purpose-Grown Trees as Feedstock; 3.7.1 Poplar; 3.7.2 Willows; 3.7.3 Pines; 3.7.4 Eucalyptus; 3.8 Municipal and Other Waste as Feedstock for Cellulosic Ethanol; 3.8.1 Municipal Waste Feedstock Utilizing Cellulosic Ethanol Plants; References; Part 2 Aqueous Phase Biomass Hydrolysis Route; 4 Challenges in Aqueous-Phase Biomass Hydrolysis Route: Recalcitrance
4.1 Introduction - Two Ways to Produce Cellulosic Ethanol
4.2 Challenges in Aqueous-Phase Biomass Hydrolysis; 4.3 Structure of Plant Cells and Lignocellulosic Biomass; 4.4 Major Components of Lignocellulosic Biomass; 4.4.1 Cellulose; 4.4.2 Hemicellulose; 4.4.3 Lignin; 4.5 Cellulose Recalcitrance; References; 5 Pretreatment of Lignocellulosic Biomass; 5.1 Introduction; 5.2 Different Categories of Pretreatment Methods; 5.3 Physical Pretreatment; 5.3.1 Machinery Used in Physical Pretreatment; 5.3.2 Physical Pretreatment of Woody Biomass; 5.4 Physicochemical Pretreatment
5.4.1 Steam Explosion or Steam Pretreatment
5.4.2 Liquid Hot Water (LHW) Pretreatment; 5.4.3 Ammonia-Based Pretreatments Method; 5.4.4 Ammonia Fiber/Freeze Explosion (AFEX); 5.4.5 Ammonia Recycle Percolation (ARP); 5.4.6 Soaking Aqueous Ammonia (SAA); 5.4.7 Supercritical Carbon Dioxide Pretreatment; 5.4.8 Organosolv Pretreatment; 5.4.9 Ionic Liquid (IL) Pretreatment; 5.4.10 N-Methyl Morpholine N-Oxide (NMMO) Pretreatment; 5.5 Chemical Pretreatment; 5.5.1 Aqueous Acid Pretreatment; 5.5.2 Sulfur Dioxide Pretreatment; 5.5.3 Alkaline Pretreatment Methods; 5.5.4 Lime Pretreatment
5.5.5 Aqueous Alkali Hydroxide-Based Pretreatments

Sommario/riassunto

The inevitable decline in petroleum reserves impacting gasoline prices, combined with climate change concerns have contributed to current interest in renewable fuels. Bioethanol is the most successful renewable transport fuel. Corn and sugarcane ethanol are currently widely used as blend-in fuels in the US, Brazil, and a few other countries; however, there are a number of major drawbacks in these first generation biofuels, such as their effect on food prices, net energy balance, and poor greenhouse gas mitigation. Alternatively, cellulosic ethanol can be produced from abundant lignocellulos

2. Record Nr.	UNINA9910328153203321
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Collana	Aperturas. Serie Artes, letras y cultura
Altri autori (Persone)	BaezaMónica Fabiana BittarSilvia Ruth EscobarPaz GrafMaría Emilce Maldonado VigorouxJorge Andrés MelladoLuciana A MontesNatalia Vanesa SalgueroPablo SalvadorNatalia A SánchezGabriela
Soggetti	Literature Cultural studies cultural studies Patagonia literary criticism art literature identities cultural field imaginary Patagonie littérature études culturelles critique littéraire identités domaine culturel imaginaire arte

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Nota di contenuto

Notas sobre la Patagonia y su literatura / Luciana A. Mellado --
Recorrido por el imaginario literario patagonico / Silvia Ruth Bittar --
Entre lo ilusorio y lo tangible / Pablo Salguero -- Tras las huellas de la
espiritualidad mapuche en La memoria iluminada / Liliana Ancalao --
Fotografia documental y derechos humanos en los conflictos
territoriales en la Patagonia / Monica Fabiana Baeza -- Irse, pero volver
/ Paz Escobar -- La Patagonia tragica y la construccion del discurso
testimonial / Gabriela Sanchez -- Indisciplina y vindicacion / Natalia
Vanessa Montes -- Anahi Lazzaroni y la geografia de una ciudad / Maria
Emilce Graf -- Narracion oral en la provincia de Chubut / Natalia A.
Salvador -- La experiencia de "Peces del desierto" / Jorge Andres
Maldonado Vigoroux.

Sommario/riassunto

Este libro se ocupa de los modos en que la Patagonia es imaginada por diferentes discursos artísticos que se producen en su territorio: textos literarios, testimoniales e históricos; narraciones orales; producciones visuales y audiovisuales; así como de agencias colectivas de creación, difusión e investigación. Heterogéneos, los once artículos del volumen postulan y transitan la región como un entramado discursivo donde distintos sujetos desarrollan su potencialidad de acción y enunciación respecto de su propia historia. Porque de lo que se trata, según Luciana A. Mellado, es de repensar los significados de la Patagonia desde una pluralidad temática y disciplinar que recupere la centralidad de las experiencias situadas de creación e investigación artística, en búsqueda de la descolonización epistemológica. Así, el lector encontrará en esta obra una diversidad de lecturas que se ofrece en contrapunto a las narrativas hegemónicas sobre la Patagonia desde las coordenadas de la serie experiencia, identidad y memoria. This book deals with the ways in which Patagonia is imagined by different artistic discourses that take place in its territory: literary, testimonial and historical texts; oral narrations; visual and audiovisual productions; as well as collective creation, dissemination and research agencies. Heterogeneous, the eleven articles of the volume postulate and transit the region as a discursive framework where different subjects develop their potential for action and enunciation regarding their own history. Because what is involved, according to Luciana A. Mellado, is to rethink the meanings of Patagonia from a thematic and disciplinary plurality that recovers the centrality of the situated experiences of creation and artistic research, in search of epistemological decolonization. Thus, the reader will find in this work a diversity of readings offered in counterpoint to the

hegemonic narratives about Patagonia from the coordinates of the series experience,...
