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10 – 12, May 2017

Saint Paul University, Canada

Editor-in-Chief
Dr Senthil Kumar

Editors:

Daniel James

Published by

Association of Scientists, Developers and Faculties

Address: RMZ Millennia Business Park, Campus 4B, Phase II, 6th Floor, No. 143, Dr. MGR Salai, Kandanchavady, Perungudi, Chennai – 600 096, India.

Email: admin@asdf.org.in || www.asdf.org.in

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ISBN-13: 978-81-933584-0-5

ISBN-10: 81-933584-0-6

PREFACE

The CoreConferences 2017 held on 10th – 12th May, 2017, in collaboration with Association of Scientists, Developers and Faculties (ASDF), an International body, at Crowne Plaza Changi Airport, Singapore, Asia.

CoreConferences 2017 provides a chance for Academic and Industry professionals to discuss the recent progress in the area of Multiple. The outcome of the conference will trigger for the further related research and future technological improvement. This conference highlights the novel concepts and improvements related to the research and technology.

The technical committee consists of experts in the various course subfields helped to scrutinize the technical papers in various fields, support to maintain the quality level of the proceedings of conference which consist of the information of various advancements in the field of research and development globally and would act as a primary resource of researchers to gain knowledge in their relevant fields.

The constant support and encouragement from Dr. S. Prithiv Rajan, ASDF Global President, Dr. P. Anbuoli, ASDF International President and Dr. K. Kokula Krishna Hari, ASDF International General Secretary helped a lot to conduct the conference and to publish the proceedings within a short span. I would like to express my deep appreciation and heartfelt thanks to the ASDF team members. Without them, the proceedings could not have been completed in a successful manner. I would like to express my sincere thanks to our management, student friends and colleagues for their involvement, interest, enthusiasm to bring this proceeding of the conference in a successful way.

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Month	May	Year	2017

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International Conference on Education, Business and Architecture Design 2017

ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	10 – March – 2017
Article ID	CoreConferences029

VOL	01
eMail	mail@coreconferences.com
Accepted	28 - March – 2017
eAID	CoreConferences.2017.029

"Before You Invite Guests, You Have to Clean Up Your Home" Conflicting Attitudes of Day-Care Managers at the Beginning of a Change Process

Sigal Achituv¹

Abstract: This paper derives from a study on managers of day-care centres who are part of a change process pilot. The study examined their professional and female identity in light of the reality they deal with as they enter the process. Early childhood education (ECE) for children from birth to the age of three is always on Israel's public agenda. Media and social networks discuss the lack of space in public supervised day-cares, the large number of children under one caregiver, the inappropriate training of caregivers and the shamefully low caregivers' salaries. Day-care centres are not supervised by the Ministry of Education and these problems are not being dealt with appropriately.



International Conference on Education, Business and Architecture Design 2017

ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	12 – March – 2017
Article ID	CoreConferences030

VOL	01
eMail	mail@coreconferences.com
Accepted	08 - April – 2017
eAID	CoreConferences.2017.030

Moral Attitudes Towards "Others": An Educational Challenge among Bible Teachers' Educators for Early Childhood

Shulamit Manzura¹, Sigal Achituv²

Abstract: Like more and more societies today, Israeli society, is multicultural and comprises different ethnic groups: mainly Jews, Muslims, Christians, Druze and Bedouin. Jewish society itself is also divided into sectors that are largely perceived as polarized. This diversity poses challenges pertaining to the issue of the "other" in the Israeli educational system. The formal Jewish education system in Israel has two main sectors: The state education system and the state religious education system. Both systems include early childhood education (ECE) for children ages 3-6, and in both sectors the study of the Bible plays an important role in the ECE curriculum. Accordingly, ECE departments at Israeli colleges of education also train students to teach Bible in kindergartens through courses in Bible proficiency and in didactics.

This paper is prepared exclusively for CoreConferences 2017 which is published by ASDF International, Registered in London, United Kingdom under the directions of the Editor-in-Chief Dr Rajkumar Sugumaran and Editors Dr. Daniel James, Dr. Kokula Krishna Hari Kunasekaran and Dr. Saikishore Elangovan. Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage, and that copies bear this notice and the full citation on the first page. Copyrights for third-party components of this work must be honoured. For all other uses, contact the owner/author(s). Copyright Holder can be reached at copy@asdf.international for distribution.

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International Conference on Social Science and Public Affairs 2017

ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	15 – March – 2017
Article ID	CoreConferences031

VOL	01
eMail	mail@coreconferences.com
Accepted	05 - April – 2017
eAID	CoreConferences.2017.031

The Nigerian Civil War: The Use of Propaganda as a Veritable Weapon of War

Cemal Yigit¹

Abstract: *When domestic political conflict takes the form of military confrontation or armed combat, we speak of civil war. Besides direct fatalities, civil war causes many more complicated casualties through mass dislocation, epidemics, famines, and the debasement of the state apparatus. The economic costs are also massive, both directly and indirectly, and economic growth is stalled or even reversed. Contemporary Nigerian society has been characterized by violent conflicts over ethnicity and religion even before the civil war in Nigeria began on 6 July 1967.*



International Conference on Social Science and Public Affairs 2017

ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	18 – March – 2017
Article ID	CoreConferences032

VOL	01
eMail	mail@coreconferences.com
Accepted	20 - April – 2017
eAID	CoreConferences.2017.032

An Empirical Study of Human Resource Management Practices and Organizational Performance in Intergovernmental Organization

Yousif El-Ghalayini¹

¹School of Business, Australian College of Kuwait

Abstract: *The literature on the relationship between human resources management (HRM) and organizational performance has focused on private sector organizations and there has been very limited research on international governmental organizations (IGOs). This article focuses on the relatively understudied international governmental organization. On the basis of a large organization-wide survey, this study examines the effects of HRM practices on worker attitudes by reporting the results of a staff survey and follow-up interviews conducted on a cross-section of one of the largest IGOs. The organization has a quasi-governmental role, delivering essential public services including education, healthcare, social services, and emergency aid. The empirical evidence has shown that the effects of specific HRM practices, such as training and development, outperform other practices, such as staffing and recruitment. The results also indicated that HRM practices have synergistic and complementary effects on each of the employee attitudes that exceed their individual effects. The paper concludes that although there are significant positive effects of some bundles of HRM practice and worker attitudinal outcomes, there are other factors that may positively or negatively moderate the effectiveness of these practices, raising thus the question of reverse causality.*

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ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	15 – March – 2017
Article ID	CoreConferences033

VOL	01
eMail	mail@coreconferences.com
Accepted	05 - April – 2017
eAID	CoreConferences.2017.033

Kinetics and Thermodynamics of Thermal Inactivation of Recombinant E Coli-Lignocelluloses Cel8c, Cel12b, and Peh28, on Cellulose and Pectin: Implications for Lignocellulose Biomass Conversion

Eman Ibrahim¹, Kim D Jones², Keith E Taylor³, Ebtesam N Hosseney⁴, Patrick L Mills⁵, Jean Escudero⁶

^{1,2}Department of Environmental Engineering, ⁵Department of Chemical Engineering,
Texas A&M University-Kingsville, Texas 78363, USA

³Department of Chemistry and Biochemistry, University of Windsor, Windsor, Canada N9B3P4

⁴Department of Botany and Microbiology, Al-Azhar University, Nasr City, Cairo 11884, Egypt

⁶Department of Basic Science, St. Louis College of Pharmacy, St. Louis, Missouri 63110-1088, USA

Abstract: Molecular and biochemical characterization of lignocelluloses *cel12B*, *cel8C* and *peh28* from *Pectobacterium carotovorum* subsp. *carotovorum* (*Pcc*) expressed in *E coli*, were characterized in previous work (Ibrahim et al., 2013 and 2017). *Cell12B* and *cel8C* were assigned to glycoside-hydrolyase (GH) families 12 and 8, respectively, whereas *peh28* was assigned to the GH-28 family. The *peh28* sequence was examined for the presence of Arg96 a known processivity determinant in the closely homologous sequence of endo-polygalacturonase I from *Aspergillus niger*, while the presence of carbohydrate binding domain-II conferring known non-catalytic binding on crystalline-cellulose planar surfaces was found in the *cell12B* sequence. The industrial relevance of the galacturonic acid arising from *peh28*-catalyzed hydrolysis of pectin and the glucose and cellobiose formed by *cell12B* and *cel8C*, has been investigated. Synergies were observed between *cel8C* and *cell12B* on CMC but not Avicel. Kinetic and thermodynamic properties of thermal inactivation of *cell12B*, *cel8C* and *peh28* at 37, 50 and 60°C were identified using the respective activities on CMC and polygalacturonic acid. Kinetic constants and half-lives of thermal inactivation (k_d , $t_{1/2}$), inactivation energy (E_d), plus inactivation entropies (ΔS), enthalpies (ΔH) and Gibbs free energies (ΔG), revealed high stability, less conformational change and/or protein unfolding characteristics of *cell12B* and *peh28* due to thermal denaturation, compared to *cel8C*. The apparent thermal stability of *peh28* and *cell12B* and the processivity of *peh28*, combined with their respective activity on pectin/polygalacturonic and Avicel/CMC, makes these two enzymes very good candidates for lignocellulosic biomass conversions.

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International Conference on Global Peace 2017

ISBN	978-81-933584-0-5
Website	www.coreconferences.com
Received	15 – March – 2017
Article ID	CoreConferences034

VOL	01
eMail	mail@coreconferences.com
Accepted	05 - April – 2017
eAID	CoreConferences.2017.034

Social Media and the Southern Cameroon Struggle

Silvia Ambo Mbayi¹

Abstract: *This is an on-going study showing the effective use of the social media by Southern Cameroon civil rights activists in their fight for liberation which now threatens the peace and sovereignty of the Republic of Cameroon. With the fast growing popularity of smart phones, recorded voice and video messages shared on What Sapp and Facebook can now reach every rural area of southern Cameroon. Areas of Southern Cameroon that use to listen to only state owned media can now have vital information from activist on their mobile phone. Pictures and videos of police brutality during nonviolent protests can now be shared with the international community. This is the first time in over 50 years since independence that a civil disobedient protest has lasted over one month (over five months as of date) in Southern Cameroon. This took the government by storm, even after banning the supply of internet to the southern Cameroon regions; the government still find it difficult to stop the strike actions. Schools in southern Cameroon have been shut down for over five months due to the strike actions. Using the social media is so effective to communicate to the people by the activists who are mostly on the run of in hiding. The government is failing to move with time and come to the table for meaningful dialogue but still believe in oppressing the people with police brutality and forceful arrest but the activists still find a way to pass instructions to the local population which are respected.*

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