
**1ST INTERNATIONAL CONFERENCE
ABOUT THE PROSPECTS OF AGRICULTURAL
ECONOMICS DEVELOPMENT IN ARAB REGION
& AFRICA**

EDITED BY AHMED EL-SAYED

SCU-EGYPT

This book copy is provided to the 2013 1st International Conference About the Prospects of Agricultural Economics Development in Arab Region & Africa by Suez Canal University.

**1ST INTERNATIONAL
CONFERENCE ABOUT THE PROSPECTS OF
AGRICULTURAL ECONOMICS DEVELOPMENT IN
ARAB REGION & AFRICA (APAED_{AR&A} 2013)**

Ismalia, Egypt, April 22-24, 2013



Free online editions of conference
book publication can be found at
www.scuegypt.edu.eg

CONFERENCE PROCEEDINGS

1st International Conference About the Prospects of Agricultural Economics Development in Arab Region & Africa (APAED_{AR&A} 2013)

Ismalia, Egypt, April 22-24, 2013

Published by SAS Journal

ISSN: 2314-6079

Faculty of Environmental Agricultural Sciences

Dahiat Elsalam, ElArish, North Sinai Governorate, Egypt

Copyright © 2013 FEAS

All chapters are Open Access, which allows users to download, copy and build upon published articles even for commercial purposes, as long as the author and publisher are properly credited, which ensures maximum dissemination and a wider impact of our publications. After this work has been published by FEAS, authors have the right to republish it, in whole or part, in any publication of which they are the author, and to make other personal use of the work. Any republication, referencing or personal use of the work must explicitly identify the original source.

Notice

Statements and opinions expressed in the works contributed are those of the individual contributors and not necessarily those of the editors or publisher. No responsibility is accepted for the accuracy of information contained in the published works. The publisher assumes no responsibility for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained in the book.

Typesetting FEAS DTP Team

Cover FEAS Design Team

First published April 2013

Printed in EGYPT

A free online edition of this book is available at www.scuegypt.edu.eg

Additional hard copies can be obtained from melsayed81@gmail.com

Edited by: **Prof. Dr. Ahmed Elsayed**

**1st International Conference About the Prospects of Agricultural Economics
Development in Arab Region & Africa (APAED_{AR&A} 2013)**

SCIENTIFIC COMMITTEE

Editor

Prof. Dr. Ahmed ElSayed, Department of Economic & Rural Development, Suez Canal University, Egypt

Reviewers Board

Prof. Mithat Direk, Selcuk University, Turkey
Prof. Vrushal Ghoble, University of Mumbai, India
Prof. Ali Ibrahim ElKasas, Suez Canal University, Egypt
Prof. Ahmed Mohamed Ali, Suez Canal University, Egypt
Prof. Mohamed Yasser AbdAllah, Suez Canal University, Egypt
Prof. Ali Abd ElKhalik ElSibaay, Suez Canal University, Egypt
Prof. Reda Abd ElKhalik Abo Hatab, Suez Canal University, Egypt
Prof. Moahmed Ragab Abdo, Suez Canal University, Egypt
Prof. Samir Ibrahim Ghonaim, Suez Canal University, Egypt
Prof. Ragab Mohamed Hefny, Suez Canal University, Egypt
Prof. ElSayed Ali Ahmed, Suez Canal University, Egypt
Prof. Gaber Desoky Ibrahim, Suez Canal University, Egypt

Editorial Board

Dr. Mohamed ElSayed, Suez Canal University, Egypt
Ahmed Belal, Suez Canal University, Egypt
Rana Selmy, Suez Canal University, Egypt
Mohamed Awad, Suez Canal University, Egypt
Abdullah Salah, Suez Canal University, Egypt

Typists

Ahmed Hassan
Alaa Eid
Eman Ali
Aya Saad

CONTENTS

	Preface	17
Paper 1	Effect of Environmental and Socioeconomically Change on Agricultural Production in Sinai Region	19
	Ahmed A. Elsayed, Ezz Eldeen Shaker, Mohamed A. ElSayed, Nasem M. Nagib, Rana E. Selmy	
Paper 2	Biofertilizers as a partial substitute for mineral nitrogen and its effect on vegetative growth, yield and fruit quality of Thompson Seedless Grapevine	37
	Usama K. EL-Abbasy; Mahmoud H. Rizk; Mosaad A. El-Kenawy	
Paper 3	Response of Washington Navel Orange Trees to Foliar Spray with Some Bio and Mineral Compounds	47
	Bakry, Kh. A.; Khamis, M. A.; Sharaf, M. M.; Ebrahim, H. K.; Yassin, H. I.	
Paper 4	Use of an <i>In Vitro</i> Gas Production Technique to Evaluate Some Sugar-Industrial by Products and Sweetener Crops	63
	Mohamed Emad A. Nasser, Amal M. Abd El-Razek, Mona I. Massoud	
Paper 5	Effect of Some Organic and Inorganic Soil Amendments on the Available N, P and K in Sandy and Calcareous Soils	77
	Awad, E. A. M.; I. R. Mohamed; S. M. M. Dahdouh; A. M. A. Merwad	
Paper 6	Mini Review: Bioassay of Antidiabetic Plants on Serum Glucose Levels of Rats	93
	H. S. Abdelsalam, M. M. Elsayed, M. Sh. Hassan, Magda E. Mahmoud	
Paper 7	Genetic Evaluation and Molecular Markers for Heat Tolerance in Tomato (<i>Lycopersicon esculentum</i> Mill.)	107
	M. A. Kamel, S. S. Soliman, A. E. Mandour, Mahassen S. S. Ahmed	
Paper 8	Molecular Markers for New Promising Drought Tolerant Lines of Rice under Drought Stress via RAPD-PCR and ISSR Markers	127
	Youssef, M. A., Mansour A., Solliman S. S	
Paper 9	Using Olive Stone as a Filtering Media for Industrial Wastewater	143
	Ahmed M. Hassan, Mohamed M. Ibrahim	
Paper 10	Effect of Different Water Regimes on Yield and Quality of Apple Under Semi-Humid Region, Libya	155
	Ahmed M. Hassan	

- Paper 11** Evaluation of Growth and Productivity of Some Mango Varieties Grown under Aswan Climatic Conditions 171
A. S. El-Khawaga, M. F. Maklad
- Paper 12** Training Needs Assessment and Analysis in Libyan Manufacturing Companies 181
Abdulslam Abdulrahim
- Paper 13** Antifungal Activity of Some Fungicides Alternatives on the Main Postharvest Pathogen of Tomato Fruits in Egypt 199
Baraka, M., Shaban, W. I., Zian, A. H., Rania, M. Abd El-Aziz
- Paper 14** الوضع الراهن لنظام الدعم الغذائي في مصر 207
أحمد محمد أحمد، محمود محمد فواز،
ياسر سيد أحمد مزروع، أميرة مصطفى محمد حمزة
- Paper 15** خصخصة القطاع الزراعي في العراق 231
راجي العوادي
- Paper 16** نظرية الانطلاقة الكبرى واختراق حاجز الزمن 261
مصطفى عبد الفتاح الطمبداوى
- Paper 17** آفاق تطوير جودة الأداء العلمي لأعضاء هيئة التدريس بالجامعات الليبية 275
محمد علي محمد
- Paper 18** دور الثقافة التنظيمية في تميز أداء مصلحة التسجيل العقاري 293
ماجد محمد عيسى، الميهوب أرحيم حسن
- Paper 19** تطلعات للمحافظة على الارض الزراعية في دلتا وادى النيل في مصر 303
محمد فتح الله أبو اليزيد عباد الله
- Paper 20** دراسة اقتصادية لمزارع إنتاج دجاج التسمين بمحافظة القليوبية 333
السيد حسن محمد جادو
- Paper 21** دراسة اقتصادية لاستخدام العلائق غير التقليدية في مزارع تسمين الماشية بمحافظة القليوبية 353
غادة شلبي علي مهدي
- Paper 22** تخطيط التعليم والتدريب كمطلب للتنمية المستدامة 381
إيمان قاسم الحصادي
- Paper 23** الممارسة العملية للإدارة الاستراتيجية كمدخل لتحسين أداء الجامعات الليبية (دراسة ميدانية علي جامعة عمر المختار) 401
صابرين المبروك الحداد
- Paper 24** أثر التعديلات الضريبية على إيراد الخزنة العامة للدولة ومستوي النشاط الاقتصادي في مدينة درنة (٢٠٠٢-٢٠٠٥) 423
إيمان قاسم الحصادي
- Paper 25** دور السودان في تحقيق الأمن الغذائي العربي وإنتاج الوقود الحيوي 447
محمد الناير محمد النور
- Paper 26** مدى توافر سمات القيادة التحويلية لمديري مدارس التعليم العام وفقاً لنموذج Bass "دراسة ميدانية على معلمي ومعلمات القارين بمدارس الثانويات التخصصية الاقتصادية بمدينة درنة" 465
وائل محمد جبريل
- Paper 27** دور الإفصاح عن التكاليف البيئية في الشركات الليبية في تعظيم قيمة المنشأة اجتماعياً 497
فيصل محمد فيصل

- Paper 28 دراسة العلاقة بين الإفصاح عن الموارد البشرية في التقارير المالية للمنشآت الليبية وتحسين جودة المعلومات المحاسبية في تلك التقارير 523
فيصل محمد فيصل
- Paper 29 فرق العمل كأساس لإدارة الجودة الشاملة بالمنظمات الخدمية"
دراسة ميدانية علي المصارف التجارية العاملة بمدينة درنة/ ليبيا 547
عبد الله علي بودر باله
- Paper 30 دور الخدمات الاستشارية والتمويلية في دعم المشروعات الصغيرة
دراسة تحليلية عن الخدمات المصرفية لمصرفي (التنمية - الريفي) في دعم مشاريع الشباب والباحثين عن العمل بمدينة درنة/ليبيا 573
عبد الله علي بودر باله
- Paper 31 كفاءة التجارة الخارجية الكلية والزراعية العربية 593
فوزى محمد الدناصورى، مراد زكى موسى،
محمود محمد فوزى، سرحان احمد سليمان
- Paper 32 مدى توافر مقومات تطبيق المصارف الاسلامية في ليبيا
"دراسة ميدانية على موظفي المصارف التجارية التقليدية العاملة
بمدينة درنة في ليبيا" 615
محسن فرج البرغثي
- Paper 33 انماط القيادة الادارية وعلاقتها ببعض المتغيرات الديموغرافية
"دراسة ميدانية على موظفي المصارف التجارية العاملة بمدينة درنة" 635
محسن فرج البرغثي
- Paper 34 إدارة الأزمة الاقتصادية في مصر: إشكاليات الواقع وسيناريوهات الحل 661
أحمد أحمد السيد، السيد عبد المنعم حجازي
- Paper 35 اقتصاديات إنتاج الأسماك بالبحر الأحمر 689
محمد علي أحمد الشاهد، أشرف شبل محمد يونس
- Paper 36 العمل اللائق للمرأة البدوية بسياء 711
مروان مصطفى حسن مصطفى
- Paper 37 دراسة إقتصادية لاستكشاف دليل الإستثمار في الصناعات التحويلية
بالمنطقة الحرة بالإسكندرية "دراسة حالة على المنطقة الحرة بالعامرية
والدروس المستفادة للمناطق الحرة في ليبيا" 739
خالد أحمد فكرون طارق مرسي مسعود
- Paper 38 السياسة الإنتاجية الزراعية لمحافظة شمال سيناء في ظل الموارد
المائية المحلية 761
محمد أحمد السيد
- Paper 39 تأثير التغيرات الاقتصادية الاجتماعية والبيئية علي الإنتاج الزراعي
في منطقة سيناء 779
أحمد أحمد السيد، عز الدين شاكر، محمد أحمد السيد،
نسليم محمد نجيب، رنا عيد سلمي

PREFACE

The organizing committee warmly welcomes our distinguished delegates and guests to the 2013 1st International Conference About the Prospects of Agricultural Economics Development in Arab Region & Africa (APAED_{AR&A} 2013) held on April, 22-24, 2013 in Ismailia, Egypt. APAED_{AR&A} 2013 is organized by Faculty of Environmental Agricultural Sciences (FEAS), and supported by FEAS Members and scholars from universities and institutes all around the world. The conference Program Committee is truly international. The main conference themes and tracks are Environment, Biology and Agriculture. The major goal of this event is to provide international scientific forums for exchange of new ideas in life sciences through discussions with international peers. This proceeding records the fully refereed papers presented at the conference.

The conference has gathered technical research submissions related to all aspects of main conference themes. All the submitted papers in the proceeding have been peer reviewed by the reviewers drawn from the scientific committee, external reviewers and editorial board depending on the subject matter of the paper. After the careful peer-review process, the submitted papers were selected on the basis of novelty, importance, and transparency for the purpose of the conference. The selected papers and additional late-breaking contributions to be presented as lectures will make an exciting technical program. The conference will therefore be a unique event, where attendees will be able to appreciate the latest results in their field of expertise, and to attain additional knowledge in other fields. We hope that all participants and other interested readers benefit scientifically from the proceedings and also find it motivating in the process.

With the best regards,
The Organizing
Committee
April 22-24, 2013

ACKNOWLEDGEMENT



We are very grateful to **Prof. Dr. Mohamed Mohamaden** President of Suez Canal University, for his extensive patience and guidance throughout our conference work and we would like to thank him for providing the freedom to use all the facilities available in the University. Addition to his material and moral support.

We are indebted to **Prof. Dr. Mamdouh Ghorab** Vice President for Postgraduate Studies and Research Affairs, conference coordinator for his constant guidance and encouragement during the course of this work.



We are happy to express our deep sense of gratitude to **ANYONE** for providing us with adequate facilities to pursue our conference.

We gratefully acknowledge all the teaching and non-teaching staff of the faculty and the University for their timely suggestions, healthy criticism and motivation.

We would also like to thank my classmates for always being with us whenever I needed help and moral support. With great respect and obedience.

With the best regards,
The Organizing
Committee
April 22-24, 2013

CONSOLATION DUTY

We must not overlook the effort of **Prof. Dr. / Ahmed Ahmed ElSayed** Secretary-General of the Conference, who died on June 12, 2013 in presenting the conference in that way.

Dr. Ahmed A. El-Sayed, PhD. (Agricultural Economic from Zagazig University, EGYPT), is a professor, Faculty of Environmental Agricultural Sciences, El-Arish, Suez Canal University. Beside his wide teaching experience, he has complemented a number of researches, which their results have been published in different scientific books, journals and conferences. He is also Dean for Higher Institute of Commerce Sciences & Computer in ElArish and Higher Institute of Administrative Sciences in El-Sharkia at Egypt. He is founder and managing director of SINAI Journal of Applied Science (SAS).



SINAI JOURNAL OF APPLIED SCIENCES

ISSN: 2314-6079

Edited by **Prof. Dr. Ahmed El-Sayed** (1949-2013)



Dr. Ahmed A. El-Sayed, PhD. (Agricultural Economic from Zagazig University, EGYPT), is a professor, Faculty of Environmental Agricultural Sciences, El-Arish, Suez Canal University. Beside his wide teaching experience, he has complemented a number of researches, which their results have been published in different scientific books, journals and conferences. He is also Dean for Higher Institute of Commerce Sciences & Computer in ElArish and Higher Institute of Administrative Sciences in El-Sharkia at Egypt. He is founder and managing director of SINAI Journal of Applied Science (SAS).

SINAI Journal of Applied Science (SAS) is a world-wide Journal that aims to help scientists and researchers, publish recent findings in its scientific journal, and conferences as well as consultancy services it may provide. The journal is being run by a team of highly professionals all around the world. You are welcome to join our family and contribute to improve it.

Prof. Dr. Ali ElKasas

Dean & Conf. Coordinator



Dr. Ali I. ElKasas, is a professor, Faculty of Environ. Agri. Sc., El-Arish, Suez Canal University. Beside his wide teaching experience, he has complemented a number of researches, which their results have been published in different scientific books, journals and conferences.