



THE ASSOCIATION OF EGYPTIAN AMERICAN SCHOLARS  
Established in The USA & Canada in 1974  
41st Annual International Conference



Comprehensive Development of The Sinai Peninsula  
"Futuristic, Sustainable & Comprehensive Strategy from the  
Egyptian Scientists at Home and Abroad in  
Collaboration with the Local Communities"

December 26th – 28th, 2014  
Hotel Novotel Sharm El-Sheikh  
Sharm El-Sheikh - Egypt



Under the Auspices of  
H.E. Prof. Dr. Elsayed A. Abdel Khalek  
Minister of Higher Education

In Partnership with  
Zagazig University

Conference Host  
Prof. Dr. Ashraf M. El-Shihy  
President, Zagazig University

Conference Chair  
Prof. Dr. Tawfik Ayoub  
President, AEAS  
University of Southern California

Conference Participants



Arab Academy of Science &  
Maritime Transportation

Sinai University



Eco-friendly development of Sinai



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**Conference Chair**  
Prof. Dr. Tawfik Ayoub  
President, AEAS  
University of Southern California

**AEAS Organizing Committee**  
Program Chair:  
Dr. Mohamed Attalla, Past President  
Scientific Committee:  
Dr. Ahmed El-Sawy, Vice President  
Dr. Adel Talaat, Vice-President  
Dr. Naser El-Sheimy, Secretary General  
Dr. Mohamed Attalla, Past President  
Dr. Amer El-Ahraf, Former President

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Zagazig University  
Organizational Board

Dr. Mahmoud Omar  
Dr. Abdallah Askar  
Dr. Mahmoud Sitohy  
Dr. Nabil Hassan



Prof. Dr. Ismail Abdel Ghafar  
President, Arab Academy of Science &  
Maritime Transportation

Conference Participants

Prof. Dr. Hassan Rateb  
President, Sinai University



Eco-friendly development of Sinai



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President, Zagazig University

***Dr. Mahmoud Omar Selim***

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Former Dean, Higher Institute of Near East Civilizations

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***Dr. Ismail Taha***

Vice President for Postgraduate Studies

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**Conference Organizing Committee**  
**Sinai University**

*Dr. Hassan Rateb*  
President Sinai University

## About The Association of Egyptian American scholars (AEAS)



The idea of creating the Egyptian-American scholars association started by a discussion between Dr. Mohamed El-Wakil of Wisconsin and Dr. Ahmed Shouman of New Mexico in 1968. They both pursued the formalization of the group, supported in Cairo by the Egyptian government and the Society of Friends of Egyptian Scholars Abroad. In 1971, fifteen Charter members were declared, and by 1972 the registration list reached 62 members. In 1973, the Association of Egyptian-American Scholars in the United States and Canada was formally established, and by 1974 it was officially incorporated in the State of Wisconsin, with Dr. Mohamed El-Wakil as its President. Through the years close to 600 scholars have joined the Association, very many are still active and supportive.

Since its establishment in 1974, the AEAS mission remained to create a forum for North American Egyptian scholars that facilitates dialogue and promotes partnerships with Egyptian counterparts to implement beneficial scholarly endeavors.

The AEAS has contributed abundantly to the scientific and cultural advancement in Egypt. In order to achieve its mission, AEAS members have also collaborated throughout the years with many organizations in Egypt. These organizations include the President's office, the Prime Minister's office, different Ministries such as the Ministry of Higher Education, Ministry of Industry and the Ministry of Electricity, the Supreme Council of Universities, the Academy for Science and Technology and The National Authority for Quality Assurance and Accreditation in Higher Education.

Currently the AEAS is working with the Cairo University on a US aids project aiming at improving tertiary education programs, advancing the frontier of knowledge in Egypt National Priority Areas, as well as to strengthen the institutional governance and management.

The AEAS Director y on the association website offers much more information that could fit in the book. <http://www.aeascholars.org> [http://www.aeascholars.org/AEAS -Director y-Full.pdf](http://www.aeascholars.org/AEAS-Director-y-Full.pdf)



## About The Zagazig University



Zagazig University (ZU) was founded in 1974, as a state university, in accordance with the presidential decree number 18 to create and transfer knowledge that will shape citizens who contribute to their communities and lead their professions in a global society.

It has nineteen colleges and institute. In the Sector of Science and Technology there are five colleges (college of Engineering, college of Sciences, college of Agriculture and college of Computer Science and college of technology). In the Medical Sector there are five Institutes (Medicine College with its Hospitals, College of Pharmacy Hospitals, college of Nursing and Zagazig Cancer Institute). In the Humanities Sector there are Seven Institute (college of Commerce, college of Law , college of Arts, college of Education, college of Specific Education, Higher Institute of Ancient Lower East Civilizations and Higher Institute of Asian Research and Studies). In the Sector of Physical Education there are college of Physical Education (Boys) and college of Physical Education (Girls).

Zagazig University has about 107 thousand Undergraduate students student and 23 thousand Post-graduate students (17000 Diploma - 4000 Masters – 2000 Ph. D/MD). Serving its student with six thousand Academic Staff (1078 Professor - 769 Associate Professor - 1815 Assistant Professor - 1402 Assistant Lecture - 1024 Demonstrators) with ten thousand Management and administration staff.

Zagazig University aspires to become certified and renowned University, providing a distinct level of education, scientific research and sustainability of community development. This is with continuous development of its human resources in the context of innovation, quality and independence and moral values.

تأسست جامعة الزقازيق عام 1947، كجامعة حكومية وفقا للمرسوم الرئاسي رقم 18 لخلق ونقل المعرفة التي ستشكل المواطنين الذين يساهمون في مجتمعاتهم ويؤدون أعمالهم في المجتمع العالمي.

جامعة الزقازيق لديها تسعة عشر كلية ومعهد. ففي قطاع العلوم والتكنولوجيا هناك خمس كليات (كلية الهندسة، كلية العلوم وكلية الزراعة وكلية علوم الحاسب وكلية التكنولوجيا). في القطاع الطبي هناك خمسة كليات (كلية الطب مع مستشفياتها وكلية الصيدلة وكلية الطب البيطري مع مستشفياتها وكلية التمريض ومعهد الزقازيق للسرطان). أما في قطاع العلوم الإنسانية فهناك سبعة مؤسسات (كلية التجارة، كلية القانون، كلية الآداب، كلية التربية، كلية التربية النوعية، المعهد العالي لحضارات الشرق الأدنى القديم والمعهد العالي للبحوث والدراسات الآسيوية). وكذلك في قطاع التربية الرياضية هناك كلية التربية الرياضية (بنين) وكلية التربية الرياضية (بنات).

جامعة الزقازيق لديها نحو 124 ألف طالب في المرحلة الجامعية و23 ألف طالب وطالبة دراسات عليا (دبلوم 1700 – 4000 الماجستير – 2000 دكتوراه). يخدم هؤلاء الطلبة ستة آلاف من أعضاء هيئة التدريس (1078 أستاذ - 769 أستاذ مشارك – 1815 أستاذ مساعد – 1402 مدرس مساعد – 1024 معيد) مع عشرة آلاف من الموظفين والإداريين.

تتطلع جامعة الزقازيق إلى أن تصبح جامعة معتمدة ومشهود لها بما تقدمه من مستوى متميز في التعليم والبحث العلمي والتنمية المجتمعية المستدامة. هذا مع التنمية المتواصلة لمواردها البشرية في إطار من الابتكار والجودة والاستقلالية والقيم الأخلاقية.

# Maps & Directions



## Keynote Speakers

### *Dr. Hassan Rateb*

CEO, Sama Group  
Chair of board of trustees of Sinai University

### *Dr. Mostafa El-Sayed*

Julius Brown Chair and Regents Professor  
Director, Laser Dynamics Lab  
Georgia Institute of Technology  
School of Chemistry and Biochemistry  
Atlanta, Georgia, USA

### *Dr. Ibrahim Abouleish*

Chair of board of trustees of Heliopolis University

### *Dr. Badr Mabrouk*

Professor, Zagazig University, Zagazig, Sharkiya, Egypt  
Member of the Board, Water Risk Center, Zagazig University, Egypt

## Letter from the AEAS President



Welcome to the Association of Egyptian American Scholars (AEAS) 41<sup>st</sup> International Conference.

As customary for the last 40 years, the AEAS is once more conducting its annual conference, and for the 4<sup>th</sup> year in a row the conference is held in Egypt instead of the usual alternating fashion. And, once more, the AEAS members are gathering their efforts answering the sense of duty towards their mother homeland Egypt, and their compatriots the Egyptian people.

This conference is really very unique; it is the product of the partnership & participation of three major universities. We were generously invited, and strongly supported by the partnership with the Zagazig University and its strong leadership who run the extra mile to make this mission a success. They went out of their way to get the necessary support and make this conference the event you see.

For it I salute Dr. Ashraf El-Shihy for his leadership and Dr. Mahmoud Omar Selim who has endured the heavy lifting and would not sleep until the work was perfectly done.

I also salute Sinai University and its chair of board of trustees, Dr. Hassan Rateb, and the Arab Academy of Science Technology & Maritime Transport, and its president Dr. Ismail Abdel Ghafar for their very strong support without them this conference could not have realized the way you see standing. The uniqueness of this conference extends beyond the scientific and educational institutions to the local community who is equally supportive as it is for their home we are here today.

This conference is a **VISION** for a Future Developed Sinai that defeats current challenges as well as future ones. A Development that will maintain its beauty, explores its resources, encourages its inhabitation; all in a smart, sustainable, environmentally friendly, technologically savvy approach that withstands the rapid pace of changes in the world. It explores water resources, renewable energy, education, tourism, agriculture, and health among many other topics to be discussed.

Sinai is a virgin land, together with its native inhabitants the Sinai tribes; it is our chance to build it and fulfill the dream:

الأرض اللي في الصحرا عايزينها تبقى خضرا  
حاجة جميلة ومعتبرة ونقدمها لمصر هدية

We shall all to put our effort together and our differences apart, as God says in his holy book:

يقول الله سبحانه وتعالى  
وَاعْتَصِمُوا بِحَبْلِ اللَّهِ جَمِيعاً وَلَا تَفَرَّقُوا وَاذْكُرُوا نِعْمَتَ اللَّهِ عَلَيْكُمْ إِذْ كُنْتُمْ أَعْدَاءً فَأَلَّفَ بَيْنَ قُلُوبِكُمْ فَأَصْبَحْتُمْ بِنِعْمَتِهِ إِخْوَاناً وَكُنْتُمْ عَلَىٰ شَفَا حُفْرَةٍ مِّنَ النَّارِ فَأَنْقَذَكُم مِّنْهَا كَذَلِكَ يُبَيِّنُ اللَّهُ لَكُمْ آيَاتِهِ لَعَلَّكُمْ تَهْتَدُونَ (آل عمران 103)

Dear colleagues, it is an opportunity to work, produce and build our own country, even if we don't succeed today our work will not go in vain

وَقُلْ اْعْمَلُوا فَسَيَرَى اللَّهُ عَمَلَكُمْ وَرَسُولُهُ وَالْمُؤْمِنُونَ وَسَتُرَدُّونَ إِلَىٰ عَالِمِ الْغَيْبِ وَالشَّهَادَةِ فَيُنَبِّئُكُمْ بِمَا كُنْتُمْ تَعْمَلُونَ (التوبة: 105)

Dear colleagues I wish you a very productive and successful conference and soon a very happy and prosperous new year for our

beloved Egypt.

*Tawfik Ayoub, MD*  
President of AEAS



## Letter from the Zagazig University President

تسعى جامعة الزقازيق منذ تأسيسها عام 1971 وعلى مدي أربعين عاما لتصبح واحدة من أكبر الجامعات الإقليمية التي تشارك بفاعلية في التنمية القومية الشاملة. ونظراً لما تتميز به الجامعة من جودة في التعليم ومناخ ديمقراطي يسمح بالإبداع و يتيح الفرصة للمنافسة البناءة فإن الجامعة تجذب الطالب والباحثين من مختلف الدول العربية.

وفي ظل التغيرات السياسية والاقتصادية والاجتماعية ، فضال عن الثورة التكنولوجية التي نشهدها هذه الأيام ، فإننا نخطو نحو آفاق جديدة للمستقبل . وهنا يثار سؤال جوهري هو كيف نرسم سوياً طريقنا إلى المستقبل؟ وفي مثل هذه التغيرات تساهم كل الجامعات حول العالم في تحقيق التنمية لمجتمعاتها في مختلف مناحي الحياة . وتحاول جامعة الزقازيق جاهدة السير على هذا النهج وسط هذه الأجواء التنافسية العالمية لتهيئ مناخاً خصباً ومشجعاً للطالب والباحثين لتخريج كوادر متميزة تنافس في سوق العمل، وليكونوا مواطنين صالحين يشاركون في تنمية وطنهم.

وتحقيقاً لذلك تسعى الجامعة في الوقت الحالي بخطوات حثيثة نحو تحديث وتطوير بنيتها الأساسية وبرامجها الأكاديمية والبحثية وأساليبها الإدارية كمنظومة متكاملة تضم أعضاء هيئة التدريس ومعاونيهم وجهاز إداري يحملون علي عاتقهم رسم مالمح المستقبل كمنارة للمعرفة وباعثة لأفكار ومصدر للإبداع. وذلك بما يتفق مع المعايير العالمية للجودة والاعتماد .

وإنني أفخر كرئيس لجامعة الزقازيق بما حققته جامعتنا العريقة في مجال التعليم والبحث العلمي والإدارة ، وأمل أن يشارك كل عضو في أسرة الجامعة بإخلاص وأمانة وإبداع لتحقيق رسالتنا وإدراك غايتنا كجامعة متميزة.

و بهذه المناسبة فقد سعدت منذ العام الماضي بدعوتي لرابطة علماء مصر بأمريكا و كندا لقعد مؤتمرها الواحد والربعون في ضيافة جامعة الزقازيق التي تعطي للرابطة مكان تقدير خاص منذ سنوات طويلة للدور العلمي الكبير التي تقوم به. و حيث يأتي هذا المؤتمر لينعقد في شرم الشيخ مواكبا لتوجه الدولة و الشعب في النهوض بسيناء و هو ما جعل المؤتمر بكل محاوره و أبحاثه معبرا لهذا ومواكبا لآمال المعقوده علي مصر في الداخل و الخارج و سعدت بحرص الأكاديمية العربية للعلوم و التكنولوجيا و النقل البحري و جامعة سيناء علي اخرا المؤتمر في ابهى صورته و اشكر كل العلماء المشتركين بالمؤتمر علي مشاركتهم القيمة و تحملهم مشقة الحضور الي شرم الشيخ.

**أ.د. أشرف محمد الشحي**

رئيس جامعة الزقازيق





Opening - December 26th, 2014			
Sharm El-Sheikh Hotel			
Registration		2:00 PM	7:30 PM
Opening Ceremony		5:00 PM	8:00 PM
Master Ceremony	Dr. Naser Elsheimy		
Opening & Conference Chair & AEAS President Address	Dr. Tawfik Ayoub	5:00 PM	5:05 PM
Vice President, AEAS	Dr. Ahmed El-Sawy	5:05 PM	5:10 PM
Immediate Past President of AEAS	Dr. Mohamed Attalla	5:10 PM	5:15 PM
President of Zagazig University	Dr. Ashraf El-Shihy	5:15 PM	5:20 PM
President of Arabic Academy of Science & Technology & Maritime Transportation	Dr. Ismail Abdel Ghafar	5:20 PM	5:25 PM
Keynotes Speakers		5:30 PM	6:30 PM
Sinai Development	Dr. Hassan Rateb	5:30 PM	6:00 PM
Nano Technology in Egypt	Dr. Mostafa El Sayed	6:00 PM	6:30 PM
Guests & Egypt Officials		6:30 PM	7:00 PM
Break		7:00 PM	7:30 PM
Dinner		7:30 PM	10:00 PM

\* Maritime Trip 2:00 - 4:30 pm

## Keynotes & Workshops - Main Conference room

	From	To	Name	Paper Title	Co-Chairs
	9:00 AM	10:00 AM		December 26 <sup>th</sup> , 2014 Keynotes	
	5:30 PM	6:00 PM	Dr. Hassan Rateb	قيمتلا تينارمعا و تاورشما قيموقلا يف ءانيس	
	6:00 PM	6:30 PM	Dr. Mostafa El-Sayed	Nano Technology In Egypt	
				December 27 <sup>th</sup> Workshops	
	9:00 AM	10:00 AM		Education Workshop	
	9:00 AM	9:10 AM	Dr. Amer El-Ahraf	Integrating the Science of Ekistics and the Growth Potential of the University into a Comprehensive Approach to Human Settlement	Dr. Amer El-Ahraf
	9:10 AM	9:20 AM	Dr. Adel Talaat	Biotechnology-based Economy in Sinai: Ushering in the Wisconsin Idea	
	9:20 AM	9:30 AM	Dr. Tawfik Ayoub	Medical Education and Medical Service	
	9:30 AM	10:00 AM		Discussion	
	11:30 AM	12:30 PM		Alternative Sources of Energy Workshop	
	11:30 AM	11:50 AM	Dr. Ahmed ElSawy	Combined Concentrated Photovoltaic and Fluidic Thermal Extraction in Harnessing the Power of the Sun	Dr. Ahmed El-Sawy
	11:50 AM	12:10 PM	Dr. Mohamed Attalla	Utilizing Ground Source Heating and Solar Thermal in the Sinai Peninsula	
	12:10 PM	12:30 PM		Discussion	
	9:00 AM	10:00 AM		December 28 <sup>th</sup> , Keynotes	
	9:00 AM	9:30 AM	Dr. Ibrahim Abouleish	University for Sustainable Development - "ةعماج سلوبويله نم لجا قيمنتلا قماذتسملا"	Dr. Ibrahim Abouleish
	9:30 AM	10:00 AM	Dr. Badr Mabrouk	Role of the Water Risk Center in the Development of Sinai and Empowering its Local Communities	

Day 2 - December 27<sup>th</sup>, 2014 - Main Conference Room

Engineering

	From	To	Name	Paper Title	Co-Chairs
	8:00 AM	9:00 AM		Registration	
	9:00 AM	10:00 AM		Education Workshop in Main Conference Room	
1	10:00 AM	10:15 AM	Dr. Mostafa AbuBakr Dr. Farouk El-Baz	Applications of Remote Sensing Data for Identifying Renewable Groundwater Resources in Northern Sinai: Implications to Sustainable Development	Dr. Mohamed Attalla
2	10:15 AM	10:30 AM	Dr. Samir Eisa	Ground Water Potentialities in Wadi El-Arish, Sinai, Egypt	Dr. Waguih ElMaraghy
3	10:30 AM	10:45 AM	Dr. Waguih ElMaraghy	Engineering Methodologies and Innovation for Sustainable Wealth Creation	
4	10:45 AM	11:00 AM	Dr. Abo Elmagd Noureldine	Maximizing the Benefits of Oil Exploration in Sinai Peninsula with Directional Drilling and the Utilization of New Measurement-While-Drilling Technologies	
5	11:00 AM	11:15 AM	Dr. Mohamed Eleraki Dr. Abd Elfatah Atwa	Application of Resistivity Method in Environmental Study of the Groundwater Pollution in Northern Sinai, Egypt	
	11:15 AM	11:30 AM		Discussion	
	11:30 AM	12:30 PM		Alternative Sources of Energy Workshop & Coffee in Main conference room	
6	12:30 PM	12:45 PM	Dr. Mohamed Hegab	Risk Identification for Power Purchase Agreement	Dr. Ahmed Elsayy
7	12:45 PM	1:00 PM	Dr. Mohamed Sawan	Nuclear Energy: an Essential Element of the Environmentally Clean Energy Mix in Egypt	Dr. Mohamed Sawan
8	1:00 PM	1:15 PM	Dr. Mohamed Elghamry	ةقاطلا نيب زجعلا و راكتبلا - رسم 5102 و لولج ةتقيبطة	
9	1:15 PM	1:30 PM	Dr. Youssef Rashed	Solar Chimney Power Plant in Sinai	
10	1:30 PM	1:45 PM	Dr. Ahmed H. Osman Dr. M Talaat Dr. N. M. Mostafa	Modeling & Simulation of a Disturbed Renewable Energy Source to Provide a Stable Energy	
	1:45 PM	2:00 PM		Discussion	
	2:00 PM	3:00 PM		Break	
11	3:00 PM	3:15 PM	Dr. Hany Dowidar	Repairs to the Business Climate in Egypt	Dr. Naser El-Sheimy
12	3:15 PM	3:30 PM	Dr. Naser El-Sheimy	Multi-sensor Systems: The New Trend in Mapping and GIS Projects	Dr. Nabil Mostafa
13	3:30 PM	3:45 PM	Dr. Nabil H. Mostafa Dr. Ahmed Osman Dr. Mohamed Abdelziz	Performance Analysis of a Transient Simulation for Heating System Using Evacuated Tube Solar Collector Applied for Sinai Peninsula - Egypt	
14	3:45 PM	4:00 PM	Dr. Saleh Mesbah Dr. Moataz Soliman Hatem Elmadbouly	A GIS for Solar Radiation Over Egypt	
15	4:00 PM	4:15 PM	Dr. Ismail Fathy Dr. Abdelazim M. Negm Dr. Mohammed Nassar Dr. Eman Al-Sayed Magid El-Fiky	Estimation of Lag Time and Peak Discharge of Flash Flood of Wadi Sudr, Sinai Peninsula, Egypt	
16	4:15 PM	4:30 PM	Dr. Saleh Mesbah Dr. Heba Abdul Aziz Dr. Ali Amasha Dr. Safaa Hassan	GIS-Based Decision Support System Using AHP and OWD for Solar Cells Site Selection in Sinai Peninsula, Egypt	
	4:45 PM	5:00 PM		Discussion	
	4:45 PM	5:15 PM		Break	
	5:15 PM	6:00 PM		Resolutions	

Day 2 - December 27<sup>th</sup>, 2014 - Room 2

Health & Medicine - Logistics - Education

	From	To	Name	Paper Title	Co-Chairs
	8:00 AM	9:00 AM		Registration	
	9:00 AM	10:00 AM		Education Workshop in Main Conference Room	
1	10:00 AM	10:15 AM	Dr. Mostafa Abdelnasser	How Many Outbreaks! Are We Still Prepared?	Dr. Adel Talaat
2	10:15 AM	10:30 AM	Dr. Mostafa Abdelnasser	Hidden Curriculum in our Medical School	Dr. Tawfik Ayoub
3	10:30 AM	10:45 AM	Dr. Reem Abbas Morsy	Primary Health Care for Underserved Populations: Challenges and Opportunities (The Case of Sinai-Egypt)	
4	10:45 AM	11:00 AM	Dr. Hussein I. Elbelbasi Dr. Mahmoud Ibrahim Dr. Sayedat Saad Dr. Medhat Fawzy	Biochemical Assessment Of Silver Nanoparticles in Erlich Ascites Carcinoma in an Experimental Animal	
5	11:00 AM	11:15 AM	Dr. Atef Mohamed Amer	Synthesis and Isolated Hypericin From Hypericum Sinaicum With Expected Biological Activity	
	11:15 AM	11:30 AM		Discussion	
	11:30 AM	12:30 PM		Alternative Sources of Energy Workshop & Coffee in Main conference room	
6	12:30 PM	12:45 PM	Dr. Khaled El-Sakaty	Development of Sinai Horizons Logistics Part: Opportunities and Challenges	Dr. Wagdy Abdallah
7	12:45 PM	1:00 PM	Dr. Islam el-nakib	A Proposal of Establishing a Logistics City in Suez Region	Dr. Khaled El-Sakaty
8	1:00 PM	1:15 PM	Dr. Khaled Kasem	تأريفا قيسفاتلا قيمنتل قبعانصلا بف روم قانق سيوسلا بف لظ داصتقلا بفر عملا	
9	1:15 PM	1:30 PM	Dr. Wagdy Abdallah	Global Tax Strategies for American Multinational Enterprises: is Egypt a Tax Heaven Country?	
10	1:30 PM	1:45 PM	Dr. Ali Morsi Dr. Atef Amer	Modern Technique for Impact Salted Ground Water for Irrigation (V)	
	1:45 PM	2:00 PM		Discussion	
	2:00 PM	3:00 PM		Break	
11	3:00 PM	3:15 PM	Dr. Ahmed Yousef	Advanced Processing Technologies for Safer and Higher-quality Foods	Dr. Amer El-Ahraf
12	3:15 PM	3:30 PM	Dr. Mohamed Almory	Future Vision for Developing Vocational and Technical Learning in Sinai	Dr. Ahmed Helal
13	3:30 PM	3:45 PM	Dr. Fatma El Zhraa salem Mah	The Added Effect of Risk Factors on the Education Development in the Sinai Peninsula "Futuristic Study Based on the Risk Management Approach"	
14	3:45 PM	4:00 PM	Dr. Hoda ElMaraghy	Experiential Education for Economic Growth and Social Stability - Unlocking the Innovation Capabilities of Egyptian Youth	
15	4:00 PM	4:15 PM	Dr. Ayman Salem	A strategic vision to improve health services in Sinai	
16	4:15 PM	4:30 PM	Dr. Abdelhakim Al Tahawy	رثا نيطوت ودبلا بلع قيمنتلا قلماشلا هبشل قريزج ءانيس	
	4:45 PM	5:00 PM		Discussion	
	4:45 PM	5:15 PM		Break	
	5:15 PM	6:00 PM		Resolutions	

Day 2 - December 27<sup>th</sup>, 2014 - Room 3

Archeology

	From	To	Name	Paper Title	Co-Chairs
	8:00 AM	9:00 AM		Registration	
	9:00 AM	10:00 AM		Education Workshop in Main Conference Room	
1	10:00 AM	10:15 AM	Dr. Mahmoud Omar Selim	سیناء دليل إنساح حدود مصر في الشرق منذ بداية السرات	Dr. Mahmoud Omar
2	10:15 AM	10:30 AM	Dr. Aml Mahran	ثروات سيناء و موقعها المتميز في العصر الفرعوني	Dr. Essam ELSaeed
			Dr. Abdel-Fattah Elbanna		
3	10:30 AM	10:45 AM	Dr. Basil Kamel Dr. Ahmed Roshdy Dr. Hassan Bahgat	The Narration of Eternal Egypt by Sound and Light Display Project Along Banks of the New Suez Canal محكى مصر الخالدة باستخدام مشروع عروض صوت وضوء على ضفاف قناة السويس	
4	10:45 AM	11:00 AM	Mr. Mostafa Nour Eldine	مناطق آثار جنوب غرب سيناء - مثال أفاق التنمية الاقتصادية	
5	11:00 AM	11:15 AM	Dr. Essam ELSaeed	سيناء بوابة مصر الشرقية في العصر الفرعوني " رؤية أستراتيجية"	
	11:15 AM	11:30 AM		Discussion	
	11:30 AM	12:30 PM		Alternative Sources of Energy Workshop & Coffee in Main conference room	
6	12:30 PM	12:45 PM	Dr. El-Sayed Abdel Latif	الدعاية الملكية العمال التأديب والتأمين في سيناء خلال الدولة القديمة والدولة الوسطى	Dr. Mahmoud Omar
7	12:45 PM	1:00 PM	Dr. Marwa Ramadan	Sinai in the Memory of Contemporary Egyptian Literature: between Hope and Reality اهميه سيناء في العصور الحجريه	Dr. Abdel-Fattah Elbanna
8	1:00 PM	1:15 PM	Mr. Ahmed Abdallah		
9	1:15 PM	1:30 PM	Mr. Omar Mahmoud Omar	The Lotus of Sinai as a Metaphorical Flower in the Ancient Egyptian and the Hinduism Literature	
10	1:30 PM	1:45 PM	Dr. Abo bakr Selim Abdo	International Non-Governmental Organizations and their Influence in the International Community	
	1:45 PM	2:00 PM		Discussion	
	4:45 PM	5:15 PM		Break	
	5:15 PM	6:00 PM		Resolutions	

Day 3 - December 28<sup>th</sup>, 2014 - Main Conference Room

Engineering

	From	To	Name	Paper Title	Co-Chairs
	8:00 AM	9:00 AM		Registration	
	9:00 AM	10:00 AM		Keynotes - Drs. Ibrahim AboulEish & Badr Mabrouk in Main Conference Room	
	10:00 AM	10:15 AM	Dr. Mohamed A. Saleh	Effect of Rib Angle-of-Attack on the Thermal Performance of a Passage Disturbed by Detached Solid	Dr. Nabil Mostafa
	10:15 AM	10:30 AM	Dr. Nabil H. Mostafa Dr. M Talaat Dr. M. M. Ibrahim	Performance Analysis and Design a Small Horizontal Axis Wind Turbine	Dr. Mohamed Saleh
	10:30 AM	10:45 AM	Dr. Mostafa M. Soliman	The Importance of Minerals in Evolving of Sinai Economics	
	10:45 AM	11:00 AM	Dr. Lamyaa Gamaledine Mr. Mohamed Medhat Mokhtar Mr. Attia Abd Al Fattah Shahin	Base Map of New Valley from Landsat 8 images	
	11:00 AM	11:15 AM	Dr. Lamyaa Gamaledine Mr. A Samri Mr. W. Khedr	Assessment of Rectification of Airborne Hyperspectral Data	
	11:15			Adjourn	

Day 3 - December 28<sup>th</sup>, 2014 - Room 2

Engineering

	From	To	Name	Paper Title	Co-Chairs
	8:00 AM	9:00 AM		Registration	
	9:00 AM	10:00 AM		Keynotes - Drs. Ibrahim AboulEish & Badr Mabrouk in Main Conference Room	
	10:00 AM	10:15 AM	Dr. Akram Soliman Dr. Alaa M. Morsy	Building Human Capacities in Sinai Peninsula Projects according to the International Competency	Dr. Salah Tahoun
	10:15 AM	10:30 AM	Dr. Akram Soliman Dr. Sameh Elkafrawy	Evaluating Shoreline, Urban and Roads Changes in Hurghada Coastal Area, Egypt, Using Multispectral Satellite Images	Dr. Akram Soliman
	10:30 AM	10:45 AM	Dr. Salah Tahoun	Al-Arish Valley Development in the Tennessee Valley Style	
	10:45 AM	11:00 AM	Dr. Ahmed Helal	ليوحت مرشراطم خيشلا يلا راطم يروحم ريوطنو هظفاحم بونج ءانيس	
	11:00 AM	11:15 AM		Discussion & Adjourn	