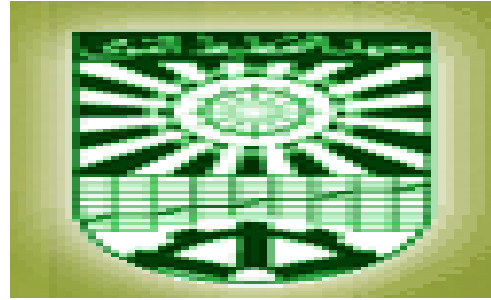




Egyptian Society for Information Systems

And Computer Technology



National Planning Institute

26th Scientific Conference for Information Systems and Computer Technology

"Data Revolution for Enhancing National Planning and Sustainable Development Policy Making"

Cairo: March 13-14, 2019.

I. Introduction

“The ability of policy makers to take advantage of various data sources, including digital data, can help the government to make decisions faster and more accurately. High-quality data will provide the right and accurate information for policy makers to design, monitor and evaluate policies for national planning and sustainable development.”

Data are considered the lifeblood of decision and policy-making; data are also the new material for accountability. Without high quality data providing the right information on the right things at the right time, design, monitoring and evaluative effective decisions and policies become almost impossible.

New technologies are leading to an exponential increase in the volume and type of data available creating the unprecedented possibilities for informing and transforming society and protecting the environment. Governments and companies, resources and citizen groups are in ferment of experimentation, innovation and adoption to the new world of data, that is a world which data are bigger, faster and more detailed than ever before. This is the Data Revolution.

Some are already living in this new world. But to many people, organizations and government agencies , especially in developing countries as in Egypt, are still excluded because of lack of resources, knowledge, capacity or opportunity. There are huge and growing inequalities in access to data and information and in the ability to use it.

Data needs improving continually. Despite considerable progress in recent years, whole groups of people are not being counted and important aspects of people's lives and environmental conditions are still not measured. For people, this can lead to the denial of basic rights, and for the planet to continued environmental conditions degradation. Too often, existed data remain unused or not at all, not well documented and harmonized, or not available at the level of detail needed for national decision and policy-making.

As the world embarks on an ambitious projects to meet new sustainable development goal (NSDGs) there is an urgent need to mobilize the data revolution for all people and the national planning as well as sustainable development in order to monitor progress, hold government accountable and foster sustainable development policies. More diverse integrated, timely, and trustworthy information can lead to better decision- and policy-making, and real time citizen feedback. These in turn, enables individuals, public and private sectors to make choices, that are good for them and for the world they live in.

Therefore, this 26th Scientific Conference sets out the main opportunities and risks presented by the data revolution for national planning and sustainable development policy making. Sizing the existing opportunities and mitigating the probable risks require active choices, especially by the government. Without immediate action, gaps between developed and developing countries, between information-rich and information-poor people, and between the private and public sectors will widen, and risks harm and abuses of human rights will grow.

II. Conference Objectives:

The conference is aiming to provide a medium to discuss the opportunities and challenges of using new data sources for policy makers, and to test technically sound and politically attainable solutions to inform policy decisions through data innovation. Commonly what is called ‘big data’ due to its quantity, diversity and speed of data collection, it opens endless new opportunities for policy makers, ranging from engaging

complex and evolving national planning and sustainable development for decision and policy-making.

III. Conference's Themes:

This conference is to discuss topics such as:

- Data revolution evolution and concepts
- Data Revolution for National Planning and Sustainable Development
- Data Revolution and Economic Analysis
- Big Data Analytics for Inclusive National Growth
- Data-Driven Era and Modern IT Infrastructure
- Data Ecosystems for Sustainable Development
- Data Lake Adoption for National Planning
- Data Roadmap for National Planning and Sustainable Development
- Emerging Manpower in Data Transforming the Work
- Data Revolution and the Emergence of New Skills for Future
- Role of National Statistics in the Data revolution
- Etc.

IV. Call for Contributions:

All interested researchers and practitioners are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Business Intelligence, Analytics, and digital transformation are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and posters that address themes and topics of the conference, including figures, tables and references of novel research materials.

Papers' submissions for the 25th. Scientific Conference are to be made in the following categories:

- **Full-length submissions:** Interested experts and researchers may submit a full-length original and previously un-published conceptual or empirical research manuscript for review and decision. Accepted papers will be published in the conference proceedings.
- **Research-in-progress submissions:** Interested individual researchers who are engaged in postgraduate studies or occupied in research projects for certain enterprises are urged to submit their research plans or projects in progress outcomes.
- **Abstracts:** All the above submitters of papers should provide and present abstracts of their papers of no more than 100 words indicating the key words to be utilized in the intended papers.
- **Paper manuscript Guidelines:**
 - Manuscripts of full length and in-progress papers should not exceed 15 pages, around 10000 – 15000 words.

- Papers must be accompanied by a separate cover letter with every author (s) names, address, phone and fax numbers, e-mail, full affiliation, the track or theme to which it is submitted. All correspondences will be sent to the first author unless otherwise specified.
- Submitters must provide their e-mail address where the Acknowledgement will be forwarded.
- The paper manuscript must contain, in its first page, the paper title, the author (names, an abstract and a list of keywords).

V. Format for the Proposed and full paper:

- **Paper A4 size.**
- Margins must be 1 inch.
- Font Face must be “times New Roman” for the Papers written in English, and must be “Simplified Arabic” for the Papers written in Arabic language.
- Font size must be 14 point (Except Paper Title is 18 point and bold).
- Text must be single-spaced.
- Subheadings must be 16 points and bold.
- Must include an ABSTRACT (80 – 150 words in length).
- Submission all proposals and papers must be submitted to the following e-mail address of the organizer of the conference.
- All submitted papers must be electronically in MS Word and submitted electronically.
- The submitted papers must be carefully checked for correct grammar, and spelling.
- Submitters should use the Conference President e-mail addresses [hadimm1964@hotmail.com],[esisact_08@yahoo.com]and [melhadi@yalla.com].
- All submissions will undergo a double-blind peer review by at least three external scholars' reviewers.

VI. Preliminary Deadlines Dates for Abstracts and Reports:

Abstracts/Full-Text Paper Submission Deadline Thursday 28 February 2019

Final Deadline of Paper Reports Submission, Thursday 14 March 2019

VII. Scientific Referee Committee:

The scientific referees committee is composed of the following scholars:

1. Prof. Mohamed M. El Hadi, Prof. of Computer and Information Systems Sadat Academy, and ESISACT President
2. Prof. Mohamed Fahmy Tolba, Prof. of Computer Science, Faculty of Information and Computer, Ain Shams University, and Former Vice President of Ain Shams Univ., and ESISACT Member
3. Prof. Allaa Mohamed El Ghazali, Prof. of Computer and Information Systems Sadat Academy, and Former SAMS President, and ESISACT Vice President
4. Prof. Moharam S. Elhadad, Prof. of Planning Techniques, National Planning Institute, and ESISACT Member

VII. Conference Participants and Fees:

All conference participants, including presenters and attendees must register for the conference, and are urged to pay the appropriate voluntary registration fee as follows:

- Interested individuals 100 Egyptian pounds for each Egyptian participant and 300 US\$ for non-Egyptian citizens.
- Faculty staff and trainers 50 Egyptian pounds for each person.
- ESISACT and other Egyptian non-governmental organization members 50 Egyptian pounds for each.
- University and higher institution students 50 Egyptian pounds each.
- Presenters and submitters of research papers and presentation reports 300 Egyptian pounds for each paper or report for Egyptians, and 300 US \$ for foreigners.
- Organizations, institutions, companies and banks membership for 3 persons 300 Egyptian pounds for each organization.
- Organizations, institutions, companies and banks sponsoring the

Conference at least 5000 Egyptian pounds for each at least.

VIII. Conference Sponsor and Exhibitor Opportunities:

The Conference offers the opportunity to become a conference sponsor or exhibitor. To participate as a sponsor or exhibitor, therefor we invite organizations interested to offer their wildlings to share and support the convening of this crucial conference.

CONTACTS:

Prof. Mohamed M. El Hadi, *President of (ESISACT)*.

Mil Address (38 Syria St., Mohandessin, Giza 12411, EGYPT)

Tel/ Fax (+202) 37613582 ; Mobile: 0100-1411027

E-Mail: melhadi@yalla.com, esisact_08@yahoo.com,

hadimm1964@hotmail.com, mohamed.m.elhadi@gmail.com, &

mohamed.elhady@sadatacademy.edu.eg , melhadi@yalla.com

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