

Keynote Address to ACSAT 2018 Conference

integrated system of GIS with IT techniques

Abstract:

Geographic information systems are a part of the "building whole systems" tradition of computer science, combining aspects from many disciplines within the field. Fully understanding the goals and purpose of both users and developers introduce clear picture about syntheses of GIS with other computing field.

Understanding GIS as a holistic system better taken in consideration before characterize how GIS uses elements from these different specialties within computing. It is not just an "application" of database, graphics, computational geometry. It is a unique synthesis of techniques drawn from these fields as well as others. Geographic Information Systems are driven by their own set of requirements and system concepts, the following topics will be conducted by this keynote: -

- An artificial intelligence optimization in GIS environment combined with bio-inspired algorithms enhancing cellular communications.
- Integrated GIS with other IT fields, illustrate in constructing an integrated system such as Artificial intelligent, Data mining, watermarking, multimedia and recommendation system.

This keynote talk will be dedicated to a Trajectory Extraction, Simplification and Representation Based on Phase Correlation and Dynamic Chain Code for Forward Facing Camera.