

## Areas of Expertise

Written by Dr. Khaled Abdelazim Abbas

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## In Transport:-

- Transportation Policy, Planning and Modeling.
- Logistics Analysis and Management.
- Feasibility Studies of Transport Schemes.
- Financing Transport Projects & Services.
- PPP & Privatisation of Transport Infrastructure and Services.
- Restructuring, Reform & Management of Transport Industry.
- Air Transport Planning.
- Rail Transport Planning.
- Port Transport Planning.
- Container Handling Analysis.
- Transport Legislations and Regulation.
- Budget Planning & Management of Transport Organisations.
- Cost Modelling, Pricing Policies and Fare/fee Determination.
- Performance Evaluation of Transport Activities.
- Traffic Studies (Surveys, Analysis & Forecasts).
- Traffic Management and Control.
- Congestion and Travel Demand Management.
- Environmental Impact Assessment of Transport Schemes.
- Traffic Impact Assessment Studies.
- Infrastructure Capacity and Level of Service Analysis.
- Traffic Accidents & Safety.
- Railway Safety.
- Sustainable Development (Smart Growth).
- Transport Education and Training.
- Public/Freight Transport Studies.
- Market Analysis/ Demand Prediction for Transport Organisations.
- Planning of Transport Services and Marketing.
- Fleet Procurement Planning.
- Fleet Operation Planning.
- Fleet Maintenance Planning.
- Inventory Planning in Transport Organisations.
- Transport Information and Decision Support Systems.
- Environmental Policy.
- Land Use Management.
- Master Plan Reviewing.
- Road Hierarchy Studies.
- Travel Surveys.
- Parking Studies.
- Capacity Analysis.
- Transport in Developing Countries.
- Transport and the Environment.
- Infrastructure Planning and Management.
- Prediction of Equivalent Single Axle Loads.

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### **- In Other Transport Related Areas**

- System Analysis.
- System Dynamics.
- Developing Simulation Models.
- Operations Research Techniques.
- Management of Organisations.
- Deregulation and Privatisation.
- Environmental Impact Assessment (EIA).
- Computer Programming and Simulation.
- Managerial Leadership.
- Policy Design and Analysis.
- Parametric/Nonparametric Statistics.