This next pages provide abstracts & full text of Some of Dr. Khaled Abbas Research Work

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## 1- Role of Government in Transport Industry

e Way Forward. In Proceedings of 10th World Conference on Transport Research WCTR2004, Session H3: Deregulation, Privatisation and New Institutional Concepts. Istanbul, Turkey. 1.

**Abstract:**

d effective manner. The paper concludes by proposing a government reinvention process involving several phases and stages required to create necessary environment for performing such roles.

Paper (pdf viewer link) Paper provided on Request-Please Contact Us

## 2- Strategic Policy and Planning for Transport Sector

A Basis for Developing a Skeleton Strategic Plan. In Proceedings of 10th World Conference on Transport Research WCTR2004, Session H1: Public Sector Performance. Istanbul, Turkey 1.

**Abstract:**

tatement and goals of the Egyptian ministry of transport and finally identifying a continuum of necessary strategies, policies and measures that can be followed to attain the preset strategic goals.

Paper (pdf viewer link) Paper provided on Request-Please Contact Us

## 3- Transport Cost Modelling

1. Abd-Allah H. Mona (1999) Estimation and Assessment of Cost Models for Main Transit Systems Operating in Cairo. Transport Reviews, Vol. 19, No. 4, pp. 353-375. Francis & Taylor, UK

**Abstract:**

r the transit modes operated by CTA. The development of such models is thought to contribute in raising the cost consciousness in CTA with the ultimate benefit of maximizing system efficiency.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

1. ystem Operated by Cairo Transport Authority. Civil Engineering Research Magazine (CERM), Volume 20, No. 3, pp. 441-461. Faculty of Engineering, Al-Azhar University, Cairo, Egypt.

**Abstract:**

quality of produced services. The paper concludes with a set of conclusions and recommendations that are meant to improve the performance of the bus transit system operated by CTA in Cairo.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

**4- Bus Transit Modelling**

etin, Faculty of Engineering, Ain Shams University, Volume 34, No. 1, Part 1: Architecture and Civil Engineering. Faculty of Engineering, Ain Shams University, Cairo, Egypt. pp. 83-109. 1.

**Abstract:**

s the form of conducting sensitivity tests that are meant to explore impact of potential inefficiencies in terms of time and revenue lost as a result of varying the extent of services provided by CTA.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

dings of 24th European Transport Forum Organised by Planning and Transport Research and Computation (PTRC), Seminar F: Public Transport Planning and Operations, London, UK 1.

http://www.etcproceedings.org/paper/a-generic-system-for-planning-activities-in-a-bus-transit-company

**Abstract:**

decisions. Decisions should be targeted towards achieving an efficient and effective management of bus transit activities, so as to sustain and maximize benefits obtained from resource utilization.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

nation. In Proceedings of European Transport Conference, Seminar on Innovative Methods in Transport Analysis, Planning and Appraisal, Public Transport Modelling, Strasbourg, France. Abstract: 1.

## 5- Bus Transit Policy, Management and Performance

esearch and Computation (PTRC) Summer Annual Meeting, Seminar J: Financing Transport Infrastructure: Transport Organisation in Market Economies, Manchester, UK, pp. 129-147. 1.

**Abstract:**

ucture public transport companies and transform them into market-oriented companies. This paper reviews the intercity transport policies in Egypt with emphasis on the intercity bus transport.

ivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

International Conference on Competition and Ownership in Surface Passenger Transport, Workshop No. 4: Planning and Analysis. Toronto (Mississauga), Ontario, Canada, pp. 377-390. 1.

**Abstract:**

asures that are meant to guide the mangers of these companies to steer the companies safely towards reaching more stable grounds and conditions that can encourage and instigate profit making.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

in Intercity Bus Companies in Egypt. Proceedings of the 7th International Conference on Travel Behaviour, Workshop 6: Transport Management, Volume II, Santiago, Chile, pp. 815-826. 1.

**Abstract:**

s a set of policies aimed at reducing operational costs and increasing operational revenue in the intercity bus companies in Egypt, thus improving the operational profitability in these companies.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 6- Congestion and Travel Demand Management - Sustainable Transport Strategies

in Developing Countries: An In Depth Analysis of Experts Judgment. Advances in Transportation Studies: An International Journal,. University of Rome, Rome, Italy. Under Publication. 1.

**Abstract:**

implement such policy or measure in relieving traffic problems. As a result of the analysis, an integrated package of traffic relief policies and measures is recommended for developing countries.

Paper (pdf viewer link) Paper provided on Request - - Please Contact Us

s of 25th European Transport Forum, Organised by Planning & Transport Research & Computation (PTRC), Seminar C/D: Policy, Planning and Sustainability, London, UK, pp. 323-349. 1.

http://www.etcproceedings.org/paper/a-trio-management-package-for-relieving-traffic-congestion-in-cairo-traffic-tr

**Abstract:**

Management in a comprehensive manner and assist in decisions on whether to use and implement (i.e. assess potentiality of) Travel Demand Management in relieving traffic congestion in Cairo.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

sts and Environment. Organised by VTI, TRB, CSIR, FERSI, HNNAT and held in Moscow. pp. 1-12. Published by Swedish National Road and Transport Research Institute VTI, Sweden. 1.

http://s3.amazonaws.com/zanran_storage/www.vti.se/ContentPages/49386654.pdf

**Abstract:**

l versus supply-based policies are suggested. These are applied to assess the benefits and limitations of each policy, hence assisting decision makers in the prioritisation and choice of such policies.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

ting Traffic Problems in Mega Cities. In Proceedings of 10th World Conference on Transport Research WCTR2004, Session H10: Urban Transport Policy Instruments. Istanbul, Turkey. 1.

Abstract:

## 7- Logistics Chain Analysis

g Company: A Basis for Developing Efficiency Models for Transport Activities. International Journal of Logistics: Research and Applications, Vol. 7(2), pp. 85-107. Taylor & Francis, UK. 1.

Company. In Proceedings of Logistics Research Network Annual Conference (LRN 2003), pp. 1-8. Organised by Institute of Logistics and Transport. City Cass Business School, London, UK.

hers in Logistics, (NOFOMA 2003) Striving for Leading Edge Logistics, Session: Transport, pp. 344-367. Edited by Jari Juga (ISBN 951-42-7064-9). Oulu, Finland. Also as web publication:

http://www.nofoma.org/conferences/nofoma2003/program/information.htm

**Abstract:**

ese are used in identifying profitable and non-profitable transport routes. Such conclusion assists in re-pricing transport services along certain routes, or termination of operation of other routes.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

t Activities for Industrial Premises. In Proceedings of 10th World Conference on Transport Research WCTR2004, Session B3: Logistics, Freight and Fleet Management. Istanbul, Turkey. 1.

**Abstract:**

of emissions are obtained. Finally, a comparative analysis is conducted to determine the location scenario expected to produce the least greenhouse emissions as a result of its transport activities.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 8- Logistics Analysis of Container Handling at Ports

nual Conference for Nordic Researchers in Logistics, (NOFOMA 2003) Striving for Leading Edge Logistics, Work in Progress Session: Transport. Oulu, Finland. As web publication: 1.

http://www.nofoma.org/conferences/nofoma2003/program/information.htm

s for Assessing Services. In Proceedings of European Transport Conference, Seminar on Freight and Logistics: Operations and Performance of Maritime Terminals. Strasbourg, France.

http://www.etcproceedings.org/paper/logistics-chain-analysis-of-alexandria-container-handling-company-in-egypt-a-b

**Abstract:**

l measures and considerations aimed at producing improvements to the operation of the current logistics chains for the company, in particular, as well as for other container handling companies.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 9- Environmental Impact Assessment of Transport Projects/Activities

sed On Multicriteria Scoping: A Case Study of Cairo-Ain Sukhna Freeway. Journal of Impact Assessment and Project Appraisal, Vol. 21, No. (4), pp. 323-330. Beech Tree Publishing, UK. 1.

http://www.ingentaconnect.com/content/beech/iapa/2003/00000021/00000004/art00007

**Abstract:**

the best alternative is identified. The multicriteria scoping framework proved a sufficient tool for assessing alternative road alignments and for selecting the most environmentally preferable one.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

t Activities for Industrial Premises. In Proceedings of 10th World Conference on Transport Research WCTR2004, Session B3: Logistics, Freight and Fleet Management. Istanbul, Turkey. 1.

**Abstract:**

## 10- Traffic Impact Assessment

y Mega Complexes: A Case Study of San Stefano Grand Plaza in Egypt. Journal of Impact Assessment and Project Appraisal, Vol. 22, No. (4), pp. 311-325.Beech Tree Publishing, UK. 1.

http://www.ingentaconnect.com/content/beech/iapa/2004/00000022/00000004/art00006

**Abstract:**

g, safety, and environmental problems. Finally, ways of mitigating adverse effects are explored and assessed. The suggested TIA process is applied to San Stefano grand plaza, Alexandria, Egypt.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 11- Impacts of Metro system

. Sixth International Conference on Competition and Ownership in Land Passenger Transport, Theme 3: User Needs and Impacts on Public Transport Systems. Cape Town, South Africa. 1.

ts of the Cairo Metro. Third International Workshop - Transportation Planning Methodologies for Developing Countries: Emerging Trends. Indian Institute of Technology, Mumbai, India.

**Abstract:**

ting. A likely explanation is that the fares are 'reasonable' compared with incomes, and that the price differential is offset for many users by the time savings vis a vis congested traffic conditions.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 12- Impact of Transport on the Development of New Cities

on (INTA) 20th Annual World Congress - "New Urban Communities: Past Experience and Future Responses", Cairo, Egypt. (Originally in English-Selected & Translated to Chinese). 1.

2- د خالد عبد العظيم عباس (1996) تأثير سهولة الوصول بشبكات النقل على تنمية المدن الجديدة فى مصر من خلال إطار متكامل

ssibility on the Development of New Cities in Egypt: A System Framework. Urbanismo, Revista Del Colegio Oficial De Arquitectos De Madrid No. 31, Madrid, Spain. pp. 50-57. (In Spanish)

**Abstract:**

terms of industrial and population development. The intention of this research is to use historical data to develop statistical models to verify the causal relationships displayed in this framework.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

ference: Towards Better Environment, Session 1: Transportation and Traffic Engineering. Transportation Department, Faculty of Engineering, Alexandria University, Alexandria, Egypt. 1.

**Abstract:**

the significant factors in their choice of location. However, transport in general is not perceived by the industrial enterprises to be a source of problems in their future development and progress.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 13- Traffic safety and accident Analysis

1. ffic Safety Assessment and Development of Predictive Models for Accidents on Rural Roads in Egypt. Accident Analysis and Prevention, Vol. 36(2), pp. 149-163. Pergamon Press, UK.

http://ipac.kacst.edu.sa/eDoc/2006/157028_1.pdf

**Abstract:**

ANOVA statistical tests are conducted to establish whether there are any significant differences in the data used for models' calibration as a result of differences among the considered five roads.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

1. cal Analyses of Accident Databases. Part 2: A Case Study. Advances in Transportation Studies: An International Journal, Vol. 1 (4), Section A, pp. 57-67. University of Rome, Rome, Italy.

on 10: Data and Models Organised by VTI, TRB, CSIR, FERSI, HNNAT and held in Moscow. pp. 1-13. Published by Swedish National Road and Transport Research Institute VTI, Sweden.

http://s3.amazonaws.com/zanran_storage/www.vti.se/ContentPages/49386654.pdf

**Abstract:**

lysis of accidents and establishes, in statistical terms, the specific characteristics and causes for such accidents. Such focused conclusions are used to suggest some specific safety countermeasures.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 14- Traffic safety Management

1. e Management of Traffic Safety. Part 1: Methodology. Advances in Transportation Studies: An International Journal, Vol. 1 (4), Section A, pp. 33-56. University of Rome, Rome, Italy.

oceedings of 24th European Transport Forum Organised by Planning & Transport Research and Computation (PTRC), Seminar H: Traffic Management and Road Safety, London, UK

http://www.etcproceedings.org/paper/a-system-approach-for-sustainable-management-of-traffic-safety

**Abstract:**

oncludes by discussing the advantages and main limitation of the proposed model. In this context, a comparison of the proposed model versus the ones reviewed in the literature is also presented.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

1. in Developing Countries: Egypt as a Prototype Case Study. Advances in Transportation Studies: An International Journal, Vol. 1 (3), Section A, pp. 5-24. University of Rome, Rome, Italy.

ntinents, - Abu Dhabi, UAE, Session 3: Road Safety Plans and Strategies, pp. 142-154. Swedish National Road and Transport Research Institute (VTI) & UAE National Transport Authority

**Abstract:**

ety. These are also categorized in accordance with the concerned authority/agency responsible for implementation. The paper concludes by suggesting further road safety research that is needed.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 15- Safety at RailRoad at Grade Crossings

y Modeling and Improvement of Railroad Grade Crossings in Egypt. Advances in Transportation Studies: An International Journal. University of Rome, Rome, Italy. Under Publication. 1.

s in Greater Cairo. In Proceedings of 6th World Congress on Railway Research (WCRR 2003: From Birth to Renaissance), Session: Human Factors, pp. 301-317. Edinburgh, Scotland, UK.

**Abstract:**

cludes ten categories, namely organizational, education, training, mass-media, train related, evaluation, engineering and maintenance, regulatory, enforcement, and intelligent transport systems.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 16- Traffic Behaviour & Safety for Children as Pedestrians

as Pedestrians in Cairo: Proxies for Improving Road Safety. Journal of Transportation Engineering, Vol. 122, No. 4, American Society of Civil Engineers (ASCE), U.S.A. pp. 291-299. 1.

he 22nd European Transport Forum Organised by Planning and Transport Research and Computation (PTRC), Seminar J: Traffic Management and Road Safety, Warwick, UK pp. 83-99.

**Abstract:**

eering, educational, enforcement, publicity, regulatory), are examined. Appropriate methods that are meant to eventually improve the road safety situation for school children are recommended.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

hway Research Program (SHRP), Prague, The Czech Republic - No. 4A, Part 2: High Risks and Road User Groups, pp. 194-209. Swedish National Road and Transport Research Institute. 1.

**Abstract:**

rdate set of policy proposals. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 17- Transport & Pedestrian Environment for Mobility Handicapped

2nd European Transport Forum Organised by Planning and Transport Research and Computation (PTRC), Seminar J: Traffic Management and Road Safety, Warwick, UK pp. 101-111. 1.

**Abstract:**

d to improve the pedestrian environment for the mobility handicapped in Cairo and to relieve the current problems that they encounter when moving along sidewalks and whilst crossing streets.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

l European Transport Forum Organised by Planning and Transport Research and Computation (PTRC), Seminar F: Provision for Accessible Transport Services, Warwick, UK pp. 43-59. 1.

**Abstract:**

set of policies and measures that are meant to relieve the transport problems confronted by the mobility handicapped, and in general to improve their public transport accessibility and mobility.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

sers in Cairo. Proceedings of the 7th International Conference on Mobility and Transport for Elderly and Disabled People, Volume 2, Session: Access Solutions for Countries in Transition. 1.

**Abstract:**

hysically handicapped and visually impaired) face while walking on sidewalks and crossing roads in Cairo (i.e. problems related to the road environment, drivers' behaviour, police enforcement).

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 18- Roads and Bridge Management System

rch and Computation (PTRC) Summer Annual Meeting, Seminar J/K: Highway Appraisal Design and Management/Highway Construction and Maintenance, Sussex, UK, pp. 41-45/85-98. 1.

**Abstract:**

of alternative strategies for the road network. These tools enable the testing of alternative planning programmes for the highway sector and hence the effective management of the road network.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

ent Management System. Proceedings of the XII International Road Federation (IRF) World Congress, Volume III, Session 4: Road Maintenance Techniques, Madrid, Spain, pp. 149-158. 1.

**Abstract:**

same manner as repeated Monte Carlo simulation. To compare these alternatives, some of the main indicators that show the structural performance of the road network, over time are displayed.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

n and Maintenance Management System (BIMMS) in Egypt. Civil Engineering Research Magazine (CERM), Faculty of Engineering, Volume 25, No. 2, Al-Azhar University, Cairo, Egypt. 1.

**Abstract:**

ons. Based on the results of the questionnaire analysis as well as on the literature review, a proposed Bridge Inspection and Maintenance Management System (BIMMS) was envisaged for Egypt.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 19- Transport Systems Modelling Using System Dynamics & Expert Systems

1- Abbas K. A., and M. G. H. Bell (1994) System Dynamics Applicability to Transportation Modelling. Transportation Research, Vol. 28A, No. 5. Pergamon Press, UK pp. 373-400. 1.

**Abstract:**

of the transport system and between transport and its environment. It establishes the ease with which SD can be applied to construct useful tools for testing alternative transport-related policies.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

Provision Model Using System Dynamics. In System Dynamics '90, D. F. Andersen, G. P. Richardson and J. D. Sterman (Eds.). The System Dynamics Society, Cambridge, Mass., pp. 1-15. 1.

http://www.systemdynamics.org/conferences/1990/proceed/pdfs/abbas001.pdf

**Abstract:**

he life-cycle costs of the major activities of providing and maintaining the road system, and by considering the effects that these activities have on the state and performance of the road network.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

ms With Respect to New Cities in Egypt. In System Dynamics '90, D. F. Andersen, G. P. Richardson and J. D. Sterman (Eds.). The System Dynamics Society, Cambridge, Mass., pp. 16-30. 1.

http://www.systemdynamics.org/conferences/1990/proceed/pdfs/abbas016.pdf

**Abstract:**

rstanding and appreciation of the dynamic, feedback relationships between the transport system and the other major sectors contributing to the development of a new city in the Egyptian desert.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

4- Abbas K. A. (1990) A System Dynamics Road Provision Model. In Dynamic Analysis of Complex Systems. V. D'Amato & C. Maccheroni (Eds.). Franco Angeli, Milano, Italy. pp. 93-100. 1.

**Abstract:**

s to indicate alternative ways for managing the allocation of the available road funds into major categories. The process involved in the evaluation of alternative road strategies is also introduced.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

SICM), Ministry of Agriculture and Land Reclamation (MOALR), United Nations Development Programme (UNDP), Food & Agriculture Organisation (FAO). Cairo, Egypt. pp. 145-155. 1.

**Abstract:**

rstanding better the relationships between elements of the transport system and their environment. It can also be applied to construct useful tools for testing alternative transport-related policies.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

d Applicability. Proceedings of the Al-Azhar Engineering 3rd International Conference: Volume 4: Civil Engineering: Transportation and Traffic Engineering, Cairo, Egypt, pp. 492-508. 1.

**Abstract:**

ng the strengths and the weaknesses of applying ESs to solving transportation problems. This evaluation helps in gaining an appreciation of how ESs can contribute to the field of transportation.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 20- Travel Demand Modelling & Evaluation (Road Transport – Aviation)

e Study of Cairo-Alexandria Toll Road. In Proceedings of European Transport Conference, Seminar On Financing Infrastructure: Risk Assessment in Road Funding. Strasbourg, France. 1.

http://www.etcproceedings.org/paper/road-user-charging-for-roads-in-egypt-a-case-study-of-cairo-alexandria-toll-ro

**Abstract:**

ne an optimum or a sub-optimum toll rate that generates maximum revenue from road users or that induces a certain demand split between the two roads serving the Cairo-Alexandria corridor.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

ger Demand Models for International Aviation from/to Egypt: A Case Study of Cairo Airport and Egyptair. In Proceedings of Air Transport Research Society, pp. 1-14. Toulouse, France. 1.

http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20050156072_2005082769.pdf

**Abstract:**

**o models were selected based on their logical acceptability, best fit and statistical significance. To demonstrate usefulness of developed models, these were used to forecast future demand patterns.**

**rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.**

**Passenger Demand Prediction: A Case Study of Cairo Airport and Egyptair. Invited Paper to Aerlines Magazine. E-Zine edition - Issue 26, pp. 1-4. University of Amsterdam, Netherlands. 1.**

**http://www.aerlines.nl/issue_26/Abbas_Pax_Demand_Prediction.pdf**

**Abstract:**

**r logical acceptability, best fit and statistical significance. The paper concludes with a demonstration of usefulness of selected models in terms of ability to predict future passenger demand levels.**

**rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.**

**ference on Transport Research WCTR2004, Session E1: Assessment and Appraisal Methods with Respect to Transport Infrastructure Projects and Transport Activities. Istanbul, Turkey. 1.**

ssessing Financial Feasibility. In Al-Azhar University Engineering Journal: Special Issue of Proceedings of Al-Azhar Engineering Sixth International Conference, Cairo, Egypt, pp. 645-684.

**Abstract:**

l a number of parameters as critical to the financial success of a BOT road project. These include: length of the concession period, toll categories and rates, traffic growth rates, discount rate, etc.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

## 21- Assessment of Training Needs in the Transport Industry

Deregulation of the Egyptian Transport Industry. Proceedings of 21st Planning and Transport Research and Computation (PTRC) Summer Annual Meeting, Manchester, UK, pp. 231-251. 1.

**Abstract:**

an transport organisations. The assessment is considered in light of the relatively recent moves towards deregulation of these organisations. The paper discusses some of the questionnaire results.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

: Is there a Difference. Proceedings of the International Conference on Training for the Future. Organised by the Public Authority for Applied Education and Training (PAAET), Kuwait. 1.

**Abstract:**

g process. It attempts to statistically infer whether responses of senior managers of transport organisations, regarding training process, would significantly differ from those of transport experts.

rivate study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.