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## ***Biographical Information - Education - Titles***

Theodore D. Trivella born in Kavala in 1948.

At his schooling he attended schools in Kavala, Serres and Nigrita in Greece.

In 1967, after examinations, he enrolled at the School of Rural and Surveying Engineering, Aristotle University of Thessaloniki, where he graduated in 1972. During the last period of study and up to his military commitment, he worked in a research program of the Laboratory of Geodetic Astronomy (Prof. Lys. Mavridis).

After completing his military service - he served as a reserve officer of the Engineer - worked during the period 1974-1975 as a supervising engineer in making the dam, for tipping of waste water, and road projects in the Olympiada of Halkidiki, for the company Kassandra's Mines - A.E.E.X.II. and Fertilizer's.

In January 1976 he was appointed as technical courses teacher for a period and after this as Special Teaching Staff (E.E.P.), in the Department of Civil Engineering, Polytechnic School of Democritus University of Thrace. The object of his teaching was the Descriptive (later Structural) geometry. He held this position until March 1988.

After 1979, parallel to the above duties, he offered his services, unpaid, as assistant in conducting exercises, training courses and monitoring, a sufficient number, of dissertations on subjects of Traffic Engineering and Transport Planning of the Traffic Engineering Laboratory.

In 1980 in sabbatical, went to the Polytechnic Institut of New York in USA, he co-operated with Professor Rossi and he updated on research topics that the Department of Transportation of the Institut had activity.

In June 1987 presented the thesis "Time-series Standards Traffic Load". This thesis prepared under the supervision of Professor Vas. Stefani and the encouragement of Professor M. Gaudry, from University of Montreal. After the presentation of the thesis he took the title of Doctor in the Department of Civil Engineering, Polytechnic School of Democritus University of Thrace, with the grade "excellent".

In 1989 he was elected to the post of Special Scientist, in the Department of Civil Engineering, for the teaching Traffic Engineering and Transportation Planning. The term of the position was renewed with the consent of the Department and for the next academic year 1990 - 1991.

Over the last 6 years teaching at the Master Program "Hydraulic Engineering", of Civil Engineering Department. He also teaches in the Environment Department of Democritus University of Thrace as guest teacher.

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## *Scientific Activity*

### *i. Participation in Conferences and Meetings*

The Theod.Trivellas attended the following Conferences - Meetings

1. Th.Trivellas, Vas. Stefanis, "Stochastic Models of Traffic Volume", conference of AMSE "Modelling and Simulation", Athens, 27-29 June 1984.
2. Participation in conference of IRF "Traffic Information", Athens, 2-3 April 1987
3. Th.Trivellas, Vas. Stefanis, Presentation of research projects of the Traffic Engineering Laboratory, in the Meeting of the Hellenic Institute of Transportation Engineers for the research at the Universities in Greece, Athens, 25 November 1988.
4. Th.Trivellas, El. Kopanezou, "A Time Series Model for Daily Traffic Volume Forecasting" 4th International Conference Civil - Comp 89 "Civil and Structural Engineering Computing", London, 20-22 September 1989.
5. Th.Trivellas, "Trends in new Passenger cars influx in Greece", 6th International Conference "Travel Behaviour", Quebec, 22-24 May 1991.
6. Th.Trivellas, "An Intervention Analysis of Traffic Accidents in Greece", 6th International Conference "Transport Research", Lyon, 29 June - 3 July 1992.
7. Representative of the IRF Greek department, in the IRF - Statutory meeting, Sofia, 27-29 Oktober 1993.
8. Th.Trivellas, "RANKING THE HAZARDOUS LOCATIONS: A BROADER PERSPECTIVE", 12th World Conference on Transport Research, Antwerp, 15-22 June 2006.

## *ii. Participation in Research Projects*

The Theod.Trivellas has participated in the following Projects

1. Research project "Improvement of operating toll" which has been materialized by the Section of Planning and Construction Management, Department of Civil Engineering of NTUA. Scientific Officer was the Professor Ch. Ephremidis.

The project aimed to improve the operation of toll booths on the road Patra - Athens - Thessaloniki.

2. Research project "*Interventions in non-saturated urban environment with emphasis on movement. The case of Xanthi* ", which has been materialized by the Section of Transportation Infrastructure and Transport, Department of Civil Engineering, Democritus University of Thrace. Scientific Officer was the Professor Vas. Stefanis.

3. Research project "*Expected environmental and traffic impacts from the construction of urban and regional road in the town of Kavala* ", which has been materialized by the Section of Transportation Infrastructure and Transport, Department of Civil Engineering, Democritus University of Thrace. Scientific Officer was the Professor Vas. Stefanis.

The purpose of this research is to investigate and formulate an informed proposal on the traffic and environmental credits resulting from the construction of urban and regional road in large urban concentrations, application at the town of Kavala.

## *iii. Invitations for cooperation*

The Th. Trivellas had been calls for cooperation from

1. From the Institute for Transport Studies of the University of Leeds (December 2000), within the **DRIVE** program.
2. From the Department of Civil Engineering of the University of Hawaii (June 2001) within the "*Honolulu International Airport: Statistical Analysis of Characteristics and Flows*" program.