

## Biographical Sketch for : Lekidis Vassilios

### BORN:

December 30, 1954, Eleytheroupoli KAVALAS (East Macedonia), Greece, Male.  
Married, two sons, E-mail : <Lekidis@itsak.gr>.

### EDUCATION:

Graduate of Civil Engineering Dep. (Aristotle University Thessaloniki). Degree in Civil Engineering (Aristotle University, Greece) 1978. Technical experience with I.A.E.S.T.E. in WEURT (NETHERLANDS) 1976. Postgraduate studies in Aristotle University of Thessaloniki 1989-1994. Ph.D. in earthquake resistant structures (Finite Element Analysis) in 1994 (A.U.TH).

### POSITIONS HELD:

Institute of Engineering Seismology and Earthquake Engineering (ITSAK), (since feb.1984)  
Member of the board of Directors of ITSAK (1987, 1988, 1997,1998, 2003).  
In charge of Laboratory of Earthquake Engineering and Engineering Seismology (ITSAK 1994)  
Director of the Institute from 1989-1991 and 1999 until 2007.  
Assistant Researcher in the Earthquake Resistant Structures Division of ITSAK (1998-2001)  
Senior Researcher in the Earthquake Resistant Structures Division of ITSAK (2002).  
Member of the Permanent Committee of Technical Chamber of Greece for Earthquake planning and protection.  
Member of the Committee of Civil Engineers in Greece.

### PRINCIPAL CONTRIBUTIONS TO SEISMOLOGY AND EARTHQUAKE ENGINEERING :

Earthquake resistance design for special structures in Greece. Parametric analysis for seismic Codes.  
Design Spectra in Greece and Balkan region.  
Earthquake Risk Reduction in Greece.  
Parametric analysis of the inelastic behaviour of reinforced concrete frames.  
Development of shell and core Finite elements suitable for elastoplastic analysis of earthquake resistant Structures.  
Experimental analysis of special structures (bridges e.t.c.)

### SELECTED PUBLICATIONS

Pitilakis Kyriazis, Margaris Vassilis, Lekidis Vassilis .,Theodulidis Nikos, Anastasiadis Anastasios "*The Griva northern Greece earthquake of December 21,1990.(seismological Structural and Geotechical aspects)*" Journal of European Earthquake Engineering Volume VI- n. 2 -1992.  
Lekidis, V. A.,Theodulidis, N. P., Margaris, V. N. ,Papastamatiou, D. S., "*Observations and lessons learned from recent earthquakes in Greece*", proceedings of the tenth world conference on Earthquake Engineering (10thWCEE), July 1992 Madrid Spain.  
Anagnostopoulos, S. A.,Rinaldis,D. ,Lekidis,V. A., Margaris, V. N., Theodulidis, N. P., "*The Kalamata, Greece, Earthquake of September 13, 1986*", *Journal of Earthquake Spectra*, Vol. 3, No. 2, 1987  
Lekidis, V., A., Manos, G., H.,"*Observations and classification of buildings damaged by a strong earthquake*". Proceedings of International Seminar: "Post -earthquake emergency damage and usability assessment of buildings". Athens 22-24 1993  
Theodoulidis N.P. and Lekidis V. : "*The Kozani-Grevena , Northern greece, large (Ms=6.6) earthquake of May 13, 1995: Strong motion data and structural response.*" Journal of european earthq. engineering jan. 1996.  
Theodulidis, N., Lekidis, V., Margaris, V., Papazachos, Ch., Papaioannou Ch. and Dimitriou, P., (1998) : "*Seismic hazard assessment and design spectra for the Kozani-Grevena (Greece) region after the*

*earthquake of May 13,1995*”, accepted 12 October 1997, pub. in journal of Geodynamics, Vol. 26, No. 2-4, pp. 375-391, 1998.

Lekidis V. A., Karakostas Ch., Dimitriou P, Margaris V., Kalogeras I., Theodulidis N. “*The Aigio seismic sequence of June 1995: seismological, strong-motion data and effects of the earthquakes on structures*” Journal of Earthquake Engineering , Vol. 3, No 3, 1999, pp. 349-380

Lekidis, V.A., Karakostas, C.Z. and Talaslidis, D.G., 1999, “*Instrumentation, Measurements and Numerical Analysis of Bridges: An Example of the Cable-Stayed Bridge on Evripos Channel, Greece*”, Proceedings of the Advanced NATO Workshop on Strong Motion Instrumentation for Civil Engineering Structures, M.Erdik et al. (eds.), Istanbul, Turkey, 1999, Kluwer Academic Publishers, 2001, 481-493.

A. Kappos, V. Lekidis, G. Panagopoulos, I. Sous, N. Theodulidis, Ch. Karakostas, Anastasiadis, T. Salonikios, B. Margaris

“*Estimation of economic loss for buildings in the area struck by the 1999 Athens earthquake and comparison with actual repair costs*” Earthquake Spectra, February 2006.

C.Z. Karakostas, V.A. Lekidis, M. Pavlidou and K. Papadimitriou

“*Analytical and Experimental Investigation of the Dynamic Behaviour of R/C Buildings during the Athens (7-9-99) Aftershock Sequence* ”

Proceedings of the 12<sup>th</sup> European Conference on Earthquake Engineering (12ECEE), London, 9-13 September 2002, (CD-ROM).

V. A. Lekidis, Ch. Z. Karakostas, I. I. Sous, A. Anastasiadis, A. Kappos, and G. Panagopoulos

“*Evaluation of economic loss for structures in the area struck by the 7/9/1999 Athens earth-quake and comparison with actual repair costs*”

Proceedings of the 5<sup>th</sup> International Conference on Earthquake Resistant Structures (ERES2005), Skiathos, May 30 - June 1, 2005, pp. 301-310.

V. Lekidis, N. Theodoulidis, Ch., Karakostas, A., Anastasiadis, Z. Roumelioti, I. Sous, T. Salonikios and B. Margaris

“*Evaluation of Near Field Strong Ground Motion of the Athens 7/9/1999 Earthquake for Different Soil Conditions aiming towards Earthquake Loss Assessment*”

Proceedings of the International Conference Earthquake Engineering in the 21<sup>st</sup> Century, Skopje-Ohrid, August 27 – September 1, 2005 (CD-ROM).

Ch., Karakostas, T. Makarios, V. Lekidis, and A. Kappos

“*Evaluation of Vulnerability Curves for Bridges – A Case Study*”

1st European Conference on Earthquake Engineering and Seismology, Geneva, **Switzerland** September 3-8, 2006.