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Pantelis Tsouris

ENGINEER PhD, MSc, BSc

Possessing highly qualified skills gained through research, development and consultancy work on biomedical engineering, sustainable energy sources and organic agriculture. Experience covers project development on the first Greek telecommunication minisatellite, on geo-referenced location systems for the Athens public transportation, the establishment of remote located satellite image and energy systems in isolated islands, publishing of original scientific articles, consultancy on a broad range of private sector and governmental projects. Holding a talent for creating and manufacturing tailored electronic devices. Creative, efficient, always in good humour, an enthusiast of high standards gourmet food, wine making, traditional ethnic foods from all over the world and Greek ancient recipes.

ADVANCED SKILLS AND KNOWLEDGE AREAS

LabData, ArcView, MS Office Windows Word, Excel
Tools development
Lab Tools Analyses
Field tools implementation
Scientific work editing
Greek (mother language), English (advanced), Portuguese (basic)

PERSONAL DATA





Date and Place of Birth: February 04th, 1964, Spata, Greece

Marital status: Married, two children

EDUCATION

Postdoctoral Fellow	Demokritos Institute of Physics, Athens, Greece	1995-1997
PhD	Biomedical Instrumentation, University of Surrey, U.K	1990-1995
MSc	Electronic Engineering, University of Salford U.K	1989-1990
BSc	Degree in Electronic and Telecommunication Engineering, North London Polytechnic U.K.,	1985-1988
BTech	Diploma in Technology Engineering, Richmond upon Thames College U.K	1983-1985

PROFESSIONAL EXPERIENCE

	Electronic Engineer at Intracom SA, Athens, Greece	2000-present
	Head of the System Integration and Testing Laboratory, Thesa Communications Ltd., Athens, Greece	1997-2000
	Telecommunications Officer, National Research Center, Greek Navy- GETEN, Athens, Greece	1993-1994
	Assistant Teacher, University of Salford, Department of Electronics and Electrical Engineering, Salford, UK	1990-1991

SCHOLARSHIPS

	Fetzer Institute, USA, Ph.D. scholarship University of Surrey, United Kingdom	1990-1995
	Visiting Researcher. CNPq-Brazilian Council for Scientific & Technological Development. School of Medicine, Center for Health and Biological Sciences, Roraima Federal University, Brazil	May 1999-April 2000

PUBLICATIONS

In press

1. ROSA-FREITAS MG, TSOURIS P, LUITGARDS-MOURA JF, PETERSON AT, HONÓRIO NA 2007. *Ecoregiões de Roraima. A importância da paisagem na epidemiologia da malária. In: Barbosa RI., Ferreira EJJ, Castellón EG (eds). Homem, Ambiente e Ecologia no Estado de Roraima*, INPA, Manaus, 2ª edição

Printed

2. ROSA-FREITAS MG, TSOURIS P, PETERSON AT, HONÓRIO NA, BARROS FSM, AGUIAR DB, GURGEL HC, ARRUDA ME, VASCONCELOS SD, LUITGARDS-MOURA JF 2007. An ecoregional classification for the state of Roraima, Brazil. The importance of landscape in malaria biology. *Mem Inst Oswaldo Cruz* 102: 349-357
3. BARROS FSM, AGUIAR DB, ROSA-FREITAS MG, LUITGARDS-MOURA JF, GURGEL HC, HONÓRIO NA, ARRUDA ME, TSOURIS P, VASCONCELOS SD 2007. Distribution summaries of malaria vectors in the Northern Brazilian Amazon. *Journal of Vector Ecology* 32 (2): 161-167
4. HONÓRIO NA, BARROS FSM, TSOURIS P, ROSA-FREITAS MG 2007. *Toxorhynchites guadeloupensis* (Dyar & Knab) (Diptera: Culicidae) in *Aedes aegypti* (Linnaeus) (Diptera:Culicidae) Oviposition Traps. *Neotropical Entomology* 36(5):809-811
5. NAGM L, LUITGARDS-MOURA JF, NEUCAMP CS, BARROS FSM, HONÓRIO NA, TSOURIS P, ROSA-FREITAS MG 2007. Affinity and Diversity Indices for Anopheline Immature Forms. *Rev Inst Med Tropical São Paulo* 49(5): 309-316
6. ROSA-FREITAS MG, SCHREIBER K, TSOURIS PA, WEIMMAN ETS, LUITGARDS-MOURA JF 2006. Identification of Significant Associations Between Combinations of

Weather Factors and Dengue in Boa Vista, Roraima, Brazilian Amazon. Rev Panam Salud Publica 20 (4): 256-267

7. BARROS FSM, ARRUDA ME, VASCONCELOS SD, LUITGARDS-MOURA JF, CONFALONIERI U, ROSA-FREITAS MG, TSOURIS P, LIMA-CAMARA T, HONÓRIO NA 2007. Parity and age composition for *Anopheles darlingi* Root (Diptera: Culicidae) and *Anopheles albitalis* Lynch-Arribáizaga (Diptera: Culicidae) of the northern Amazon Basin, Brazil. Journal of Vector Ecology 32 (1): 54-68. 2007
8. CHARLY FAVIER, NICOLAS DEGALLIER, MARIA GORETI ROSA-FREITAS, JP BOULANGER, JOSE RUBENS COSTA LIMA, JOSÉ FRANCISCO LUITGARDS -MOURA, CE MENKES, BERNARD MONDET, CRISTIANE OLIVEIRA, ELLEM TATIANI DE SOUZA WEIMANN, PANTELIS TSOURIS. 2006. Early determination of the reproductive number for vector-borne diseases: the case of dengue in Brazil. Tropical Medicine and International Health 11(4): 343-351.
9. LUITGARDS-MOURA JF, VARGAS AB, ALMEIDA CE, AGAPITO-SOUZA R, FOLLY-RAMOS E, COSTA J, TSOURIS P & ROSA-FREITAS MG. A *Triatoma maculata* (Hemiptera-Reduviidae-Triatominae) population from Roraima, Amazon region, Brazil, has bionomic characteristics of a potential Chagas disease vector. Rev Inst Med Trop Sao Paulo, 47(3):131-137, 2005.
10. ROSA-FREITAS MG, TSOURIS PA, SIBAJEV A, WEIMMAN ETS, MARQUES AU, FERREIRA RL, LUITGARDS-MOURA JF 2003. Exploratory Temporal and Spatial Distribution of Dengue Notifications in Boa Vista, Roraima, Brazil, 1999 to 2001. Dengue Bulletin 27: 63-80.
11. SILVA-VASCONCELOS AS, KATO MYN, MOURAO EN, SOUZA RTL, LACERDA RNL, SIBAJEV A, TSOURIS PA, POVOA MM, MOMEN H, ROSA-FREITAS MG 2002. Biting Indices, Host-Seeking Activity and Natural Infection of Anopheline Species in Boa Vista, Roraima, Brazil from 1996 to 1998. Memórias do Instituto Oswaldo Cruz, Rio de Janeiro, 97: 151-161.
12. LUITGARDS-MOURA JF, CASTELLON-BERMUDEZ EG, IMBIRIBA-DA-ROCHA AF, TSOURIS PA, ROSA-FREITAS MG 2002. Preliminary Assays Indicate that *Antonia ovata* (Loganiaceae) and *Derris amazonica* (Papilionaceae), Ichthyotoxic Plants Used for Fishing in Roraima, Brazil, Have an Insecticide Effect on *Lutzomyia longipalpis* (Diptera: Psychodidae). Mem. Inst. Oswaldo Cruz, Rio de Janeiro, 97: 737-742
13. XENOULIS AC, DOUKELLIS G, TSOURIS PA, KARYDAS A, POTIRIADIS C, KATSANOS A, TSAKALAKOS T. Ionization of clusters produced in a hollow-cathode source. Vacuum, 51, n. 3, p. 357-362, 1998.
14. XENOULIS, A C; TSOURIS, Pantelis Anastasio; DOUKELLIS, G; BOUKOS, N; VALAMONTES, E; CHEN, Y; TSAKALAKOS, T. Size selection by cluster deflection in an electric field. Nanostructured Materials, USA, v. 8, n. 7, p. 771-784, 1997.

Conference contributions

TSOURIS PA, DOUKELLIS G, XENOULIS AC. Production of atomic clusters for deposition studies. In: ADVANCES IN NUCLEAR PHYSICS AND RELATED AREAS, 1997, Thessaloniki. 1997.

ANGELETOPOULOS A, KRALLIS K, TSOURIS PA, SPEZIALE V. Propagation issues in satellite MTS. In: ACTS MOBILE COMMUNICATION SUMMIT, 1997, Aalborg. 1997.

TSOURIS PA, SMITH CW. Coherent signals in water. In: BIOMEDICAL ENGINEERING MEETING, 1992, Salford. 1992.

PROFESSIONAL SERVICES AND PRODUCTS

Projects for the

Roraima Federal University-UFRR, Brazil, Biomedical Instrumentation, 1999-present

Project team leader for

Helmars-sat, the first Greek mini-satellite. Thesa Communications Ltd, 1997

DATACAST project, an one way slow satellite data link, 2000

SOS-TAXI, a SOS radio link for radio taxi, 1998

FOTIS a solar energy light for remote bus stops-, 2000

INSURED project, a propagation measurement in the sea for a worldwide satellite mobile communications, 1998

WATER1, an instrumentation device development for the detection of weak coherent signals in water, 1995

Case Studies

SUS-Ministry of Health Brazil. 2005. A Geographical Information System for Dengue in Boa Vista Fully Available through the Internet as a Basis to an Epidemiological Vigilance Program. Coordinator JF Luitgards-Moura.

Brazilian National Health Foundation-FUNASA. 2003. Distribution and Breeding Sites of *Aedes aegypti* in Boa Vista, Roraima Federal. Coordinator JF Luitgards-Moura.

Indonesian Government. Sustainable Development in Remote Islands in Indonesia. 2002.

Universidade Federal de Roraima, Reitoria. Alternative Sources of Energy for the Roraima Federal University *Campus*. 2001. Fontes Alternativas de Energia para o Campus de Paricarana da Universidade Federal de Roraima.

Project for the Brazilian Council for Scientific & Technological Development-CNPq. Use of Geographical Information Systems for Mapping Prevailing Endemic Diseases in Boa Vista, Roraima. 2001.

Brazilian Scientific Research Council. Geographical Information Systems in the Study of Endemic Diseases in Roraima, Amazon, Brazil. [SIG e endemias em Roraima]. 1999.