

CURRICULUM VITAE

Panagiotis Stavrakakis

Contact: p.stavrakakis@gmail.com

Summary

- A seasoned marine engineer professional with a proven track of successful long sea and technical experience.
- An experienced CBRN (Chemical, Biological, Radiological & Nuclear) Officer with substantial background on tactical, operational and strategic, sea and land CBRN Defense Operations.
- A motivated professional on Civil Protection issues especially on those concerning mass manmade and natural disasters.
- A determined researcher with an unrivalled thirst for knowledge.
- An enthusiastic team player able to adjust himself to varying work environments, willing to support others and dedicated in collective goals.
- An inspired manager with willingness and ability to envisage, empower and enable multi-functional and multi-skilled teams to perform to their full potential.
- A visionary, proactive, innovative, strategic thinker with excellent interpersonal skills.

Professional Experience

Period / Post

Organization

2010 – Feb 2011 (retirement) CBRN Capabilities Inspector	General Inspection of Hellenic Navy Hellenic Navy General Staff
August 2008 – July 2010 Director of C and D Branches	Senior Naval Officer of Aegean Hellenic Navy
August 2005 – August 2008 Staff Officer of CIMIC-SEDM Directorate	Hellenic National Defence General Staff (HNDGS)
August 2002 – August 2005 Staff Officer (Aug 02 – Jul 04), Executive Officer (Oct 04 – Apr 05), Commanding Officer (Apr 05–Aug 05)	Joint CBRN School Hellenic Army
July 2004 – October 2004 HNDGS CBRN Officer Athens 2004 Olympic Games	HNDGS Operations Center
August 2001 – August 2002 Chief Engineer of HN KIMON (Destroyer, Adams Class)	Hellenic Navy Fleet Headquarters
September 1997 – August 2001 Damage Control Officer of HN KIMON D-218	Hellenic Navy Fleet Headquarters
July 1996 – September 1997 Chief Engineer of Landing Ship Tank HN IKARIA L-154	Hellenic Navy Fleet Headquarters

July 1994 – July 1996 Damage Control & Auxiliary Machinery Officer of Dock Landing Ship HN NAFKRATOUSIA L-153	Hellenic Navy Fleet Headquarters
July 1992 – July 1994 Chief Engineer of Gunboat HN DOXA P-63 (Thetis class)	Hellenic Navy Fleet Headquarters
June 1989 – July 1992 Engineering Officer of HN APOSTOLIS D- 216 (Destroyer, Fram class)	Hellenic Navy Fleet Headquarters

Education

- 2006 – onwards **National Technical University of Athens**, Chemical Engineering School, Analytical Chemistry Sector, Athens, Greece
PhD student
- 2008-2010: **National & Kapodistrian University of Athens**, Faculty of Nursing, Athens, Greece,
MSc Disaster Medicine & Crisis Management
- 2006 – 2009: **ALBA Graduate Business School**, Athens, Greece
MBA in Shipping
- 1985 – 1989: **Hellenic Naval Academy**, Piraeus, Greece
Naval & Marine Engineering

Academic Honors and Awards

- ALBA Graduate Business School Full Scholarship
- 1st Prize, Field Consulting Plan (FCP), MBA in Shipping, 2008, FCP Title “Evaluation of the Optimum Vessel for Conversion from a Tanker to a Bulk Carrier”

Training

- Fire-fighting Course (Sep 08), Damage Control School, Hellenic Navy Skaramangas, Athens
- NATO CIMIC Course (Sep 06), NATO Oberammergau School, Germany
- OPCW Instructor Course for Protection against Chemical Weapons (Aug 03), UN’s Organisation for Prohibition of Chemical Weapons, Athens, Greece
- NBCD 8 (Oct 02), MWS NBCD TRAINING GROUP – PHOENIX, Royal Navy, UK
- Staff Officer (Dec 00 – Mar 01), Sea Warfare College, Hellenic Navy, Athens, Greece
- Disaster Preparedness Operations Specialist & CBRN Defence (Apr 00 – Jun 00), US Army Chemical School, Fort Leonard Wood, Missouri, USA
- Senior Enlisted Damage Control (Jun 00- Aug 00), US Navy Fleet Training Center, San Diego, California, USA
- Damage Control Assistant, (Oct 95-Dec 95), US Navy Surface Warfare Officers School Command, Newport, Rhode Island, USA
- Further Naval Education (Sep 92-Feb 93), Hellenic Naval Academy, Hellenic Navy, Piraeus, Greece

Publications

Author & co-author of numerous field manuals (CBRN Defence, Damage Control, Fire Protection) for use in Hellenic Navy and Hellenic Army

Papers

M. Statheropoulos, K. Mikedi, **P. Stavrakakis**, A. Agapiou, S. Karma, G. Pallis, A. Pappa "Integration of mass spectrometry with audio and video signals for the early detection and real-time monitoring of hazardous events in the field", Submitted for review in *Sensors & Actuators Journal Chemical B*, October 2010

Stavrakakis P., Sarafis P., Roka V., Malliarou M. "Applying Balanced Scorecard to Hellenic Navy's Education and Training: An Initial Approach", *Global Journal of Health Science – GJHS*, Vol 2, No2, Oct 2010, p. 192-197

Sarafis P., Dallas D., Sotiriadou K., **Stavrakakis P.**, Chalaris M., "Darkroom Disease", *Journal of Environmental Protection and Ecology – JEPE*, B2, (2010), 506-514

Sarafis P., Sotiriadou K., Dallas D., **Stavrakakis P.**, Chalaris M., "Sick-Building Syndrome", *Journal of Environmental Protection and Ecology – JEPE*, B2, (2010), 515-524

Chalaris M., **Stavrakakis P.**, Sarafis P. "Assessing the threat of terrorist use of chemical, biological, radiological and nuclear weapons in the South East European Countries", *Journal of Environmental Protection and Ecology – JEPE*, B2, (2010), 485-498

Bokan S., Chalaris M., **Stavrakakis P.**, Sarafis P., "Threats posed by CBRN Terrorism and the Role of the SEDM-CBSC Working Group in the Prevention and Response", *Journal of Environmental Protection and Ecology –B1*, (2010), 327-332

Stavrakakis P., Chalaris M., Sarafis P., "South Eastern Europe Simulation Network (SEESIM): An example of regional cooperation in South Eastern Europe in the field of crisis response dealing with devastating emergencies and environmental disasters, natural or man-made", *Journal of Environmental Protection and Ecology – JEPE*, B3, (2010), 1119-1130

Sarafis P., **Stavrakakis P.**, Chalaris M, Stamataki P, Zyga S, Saroglou G. : "Emerging Infectious Diseases", *Journal of Environmental Protection and Ecology – JEPE*, B3, (2010), 917-929

Stavrakakis P., Chalaris M., Sarafis P., Dourmas G. "A new approach in the procedures of gas freeing and inspecting confined and enclosed spaces in maritime vessels", *Journal of Environmental Protection and Ecology – JEPE*, B3, (2010), 888-895

Conferences

M. Statheropoulos, K. Mikedi, **P. Stavrakakis**, A. Agapiou, S. Karma, G.C. Pallis, S. Giannoukos, A. Pappa "A Combination of Methods for Enhancing Situational Awareness in Safety Applications" , ONSITE - 2011, 19th International Conference On-Site Analysis for Homeland Security, Forensics and Environmental Remediation., 18 - 21 January, 2011, Baltimore, Maryland, USA

M. Statheropoulos, K. Mikedi, **P. Stavrakakis**, A. Agapiou, S. Karma, G. Pallis, A. Pappa "Combining Chemical Field Analysis with Audio and Video Signal Analysis for Developing Non Attended Fire Alerting & Monitoring Systems with Potentials Applications in Shipping" Annual Meeting of Marine Technology 2010, Technological Conference & Exhibition, Hellenic Institute of Marine Technology, 31 November – 1 December 2010, Athens, Greece.

S. Blackmore, S. Fountas, **P. Stavrakakis**, E. Papageorgiou, K. Apostolidi “A specification for mobile cognitive security robots in port facilities” Annual Meeting of Marine Technology 2010, Technological Conference & Exhibition, Hellenic Institute of Marine Technology, 31 November – 1 December 2010, Athens, Greece.

P. Stavrakakis, P. Sarafis, P. Stamataki, V. Roka, “Applying Balanced Scorecard to Hellenic Navy’s Education and Training: An initial approach”, 5th International Conference for Distance Learning - ICODL09, 27 – 29 November, 2009, Piraeus, Greece.

V. Roka, P. Sarafis, P. Stamataki, **P. Stavrakakis**, “Evaluation of the Hellenic Navy’s Educational Programs: Pilot Study”, 5th International Conference for Distance Learning - ICODL09, 27 – 29 November, 2009, Piraeus, Greece.

M. Statheropoulos, A. Agapiou, K. Mikedi, G. C. Pallis, **P. Stavrakakis**, S. Karma, “Data fusion for monitoring events in collapsed buildings”, ONSITE - 2009, 17th International Conference On-Site Analysis for Homeland Security, Forensics and Environmental Remediation, 25 - 28 January, 2009, Baltimore, Maryland, USA

P. Stavrakakis, “SEESIM Overview – Past, Present and Future”, Athens SEESIM-08 International Conference on CBRN Defence and Response to Terrorism, 20 – 22 March 2008, Athens, Greece.

P. Stavrakakis, “Logistics Implications of Mobile Instruments Used in CBRN Threats”, ONSITE – 2008, 16th International Conference On-Site Analysis for Homeland Security, Forensics and Environmental Remediation, 27 – 30 January 2008, Baltimore, Maryland, USA.

P. Stavrakakis, A. Agapiou, M. Statheropoulos, “Design Considerations for Air Sampling Device in Air Quality Monitoring of Ship Spaces”, ONSITE – 2006, 14th International Conference On-Site Analysis for Homeland Security, 20 – 23 February, 2006, Arlington, Virginia (Washington, D.C.), USA.

Posters

Katerina Mikedi, Agapios Agapiou, Sofia Karma, George C. Pallis, **Panagiotis Stavrakakis**, Athina Pappa and Milt Statheropoulos, “Field Mass Spectrometer for the identification and monitoring of Volatile Organic Compounds and gases in ultra low concentrations”, Structure 2010, Advances In Structure Elucidation, 24 – 25 February, 2010, Leicestershire, U.K.

M. Statheropoulos, K. Mikedi, G.C. Pallis, **P. Stavrakakis**, “A preliminary study on using chemometrics for the integration of acoustic and chemical data: Early detection of fires in confined spaces”, 11th International Conference on Chemometrics in Analytical Chemistry, July, 2008, Montpellier, France

Languages

Greek (native language)

English (working proficiency)

Certification :

- GRE (February 2010): Verbal 460 / Quantitative 760 / Total: 1220
- TOEFL (November 2009): Reading: 24 / Writing: 27 / Listening: 29 / Speaking: 24 / Total: 104
- Proficiency in English of the University of Cambridge (June 2005)
- Proficiency in English as foreign language of the University of Michigan (March 2005)

Computer skills & competences

Competent with most Microsoft programmes, Matlab and HTML. Also I'm experienced with the use of specialised software that I use for my PhD research.

Teaching Skills

I have been instructor and lecturer in a wide variety of training courses for Officers and Enlisted Personnel of Hellenic Navy, Hellenic Army and Joint Schools.

Professional Associations

-Executive Board Elected member of Multi-Children Educators Union of Greece
-Member of Hellenic Institute of Maritime Technology (<http://www.elint.org.gr/>)
-Member of Society of Naval Architects and Marine Engineers (SNAME) - Greek Section (<http://www.sname.org/SNAME/SNAME/Home/Default.aspx>)
-Member of American Society of Naval Engineers (ASNE) (<http://www.navalengineers.org/Pages/default.aspx>)
-Member of ALBA Alumni Association (<http://www.albaalumni.gr/mission-vision.asp>)

Interests

Ballroom dancing, gourmet cooking

Personal Information

- Marital status: Married, four (4) children
- Nationality: Greek
- Date of birth: July 2, 1966