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Contact Details



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Gender Male | Date of Birth 14.12.1970 | Citizenship Hellenic

1. ACADEMIC QUALIFICATIONS

Dec 24	MSc in Neuropsychology with Cognitive Neuroscience, Essex University, UK (Ongoing)
May 24	Bachelor's in Psychology, eCampus University, IT
Jan 17	Academic Certificate in Safety and Accident Investigation, Cranfield University, UK
Jul 92	Captain C Class Diploma (Tertiary Education), Ministry of Mercantile Marine, Greece
Jun 91	Academic Diploma in Merchant Marine Academy, Captains School, Chania, Greece
Jun 88	High School Certificate, Greece

2. ACADEMIC / TRAINING CAREER

Nov 25- Present	UAS Accident Investigation Techniques, French institute for Aviation Safety (IFSA)
Apr 18 - Present	Aviation Crisis Management Lecturer in Aviation Safety School, Hellenic Air Force
Feb 18 - Present	Training of Permanent Accident Investigation Board for Hellenic Navy
Feb 14 - Present	Human Performance and CRM Lecturer of at Hellenic Naval Staff and Command College
Mar 14 - Present	Operational and Composite Risk Management Lecturer at H.N Staff and Command College
Apr 14 - Present	Bow Tie/ Loss Control Method Instructor at Hellenic Naval Staff and Command College
Jun 08 - Present	Aviation Safety Course Lecturer in Hellenic Naval Aviation Training Course

3. PROFESSIONAL CERTIFICATIONS

Mar 25	Artificial Intelligence in Project Management, University of Athens
Apr 24	Adult Educators' Training: Theory, Practice & Microteaching, University of Athens
Nov 23	Human Factors in the Prevention and Investigation Process Cert., (IFSA/DCI)
Nov 23	Introduction and Implementation of Safety Management Cert., (IFSA/DCI)
Nov 23	Aviation Accident Investigation Techniques Cert., (Fixed Wing) – AIT (IFSA/DCI)
Nov 23	Design and Development of UAS Cert., University of Athens
Nov 23	Artificial Intelligence and ChatGPT (IST College, GR)
May 23	Crew Resource Management Instructor Cert, US Naval Safety Center

Nov 22	UAS Operator License A1/A2/A3/Photogrammetry Expert Cert., (UOA, GR)
Sep 20	Marine Accident Investigation Cert. (NTSB)
Jan 20	Aviation Accident Investigation Cert. (ISASI)
Aug 16	IOSHA Aviation Auditor Cert. (AQS/Lufthansa)
Nov 15	Lead Auditor 9001 ISO 9001:2015 / ISO 28000 (TUV)/ Risk Management (TUV)
Sep 15	Company/Ship Security Officer Cert (DNV/GL)
Sep 13	Internal Auditor ISM/ISPS/MLC Shipping Comp. Cert. (DNV/GL)
Apr 12	Airliner Civil Transport Pilot License (ATPL-Helicopters)
Apr 12	Safety Management Systems Cert. (Cranfield, UK)
Sep 10	Aircraft Performance for Aerospace Managers Cert. (Cranfield, UK)
Sep 10	Instructor/Evaluator Pilot Cert. (Hellenic Navy Aviation School)
Jun 09	Aircraft Accident Investigator Cert. (Air Transport/ Cranfield, UK,)
Sep 05	Operational Risk Management Instructor Cert. (USN Safety Center, Florida, US)
Aug 05	Aviation Safety Officer Cert. (USN Safety Center, Florida, US)
Auy 96	Helicopter Pilot Cert, (Hellenic Naval Aviation School)

4. ARMED FORCES CAREER

Jul 15 - May 24	Head of Air Accident Investigation and Audit Dept., Hellenic Navy General Inspection Board
Jun 04 - Jul 15	Air Safety Officer/Investigator, 1st Squadron H.N.
Sep 01 - Jun 04	Aviation Operations Officer, Frigate HS BOUBOULINA
Aug 00 - Sep 01	Operations Officer, H.N Helicopter Command
Aug 98 - Aug 00	Aviation Officer, Frigate HS NAVARINON
Aug 96 - Aug 98	Standardization Assistant Officer, Helicopter Command
Sep 94 - Aug 96	Military service in Hellenic Navy

5. MERCHANT MARINE CAREER

Mar 93 - May 94	Second Officer in M/T KRITI AKTI, AVIN Intl.
Jan 92 - Jul 93	Second Officer in M/T KRITI CHAMPION, AVIN Intl.
Jul 91 - Jan 92	A/B in M/T KRITI AKTI, AVIN Intl.
Jun 90 - Sep 90	Apprentice Officer in F/B LISSOS, ANEK Lines
Jun 89 - Oct 89	Apprentice Officer in F/B LATO, ANEK Lines

6. PROFESSIONAL ACHIEVEMENTS

Jun 96 - Present	Pilot/Flight Instructor (3.000 Flight Hrs, +1.200 Night Flight, +2.000 Offshore Deck Lands)
Jun 13 - Mar 14	

Feb 13 - Mar 13	<p>Headed the planning and successful implementation project for the Audit/Inspection program of Hellenic Navy Safety and Accident Office</p> <p>Official Representative of the Hellenic Navy, committee member for the constitution of the Military Regulation Investigation and Prevention of Accidents in Armed Forces</p>
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7. PARTICIPATION IN EDUCATIONAL PROJECTS

Apr 16	Training in Situational Awareness in ADM, Hellenic Army Workshop for NH-90 Pilots
Feb 16	Development and authoring of the Air Safety Module incorporated in the Aviation course aimed for the students at the Helicopter School of Hellenic Navy
Jun 15 - Sep 15	Establishment of a new Auditing and Reporting Air Safety System applied in the 1st Helicopter Squadron of the Hellenic Navy. This is an observation system for Maintenance Safety and F.O.D. internal procedure

8. DISTINCTIONS

2014	2000 hrs, Flight Safety Award by Bell Textron Co.
1992	Higher Grade Student Award (awarded by the Greek Minister of Merchant Shipping)

9. MARINE TRAINING CERTIFICATIONS

Apr 92	Automatic Radar Plotting Aids Cert.
Mar 92	Naval Electronic Instruments/ Radiotelephone Operator Cert.
Mar 92	Plotting use of Radar and Navigational Aids Cert.
Mar 92	GMDSS General Operator Cert.
Jun 92	Sea Survival Training (A)/ Survival Craft (B) Cert.
Apr 91	Basic Fire-fighting Training (C) Cert.
Apr 91	Fire-fighting Training (D)/(E) Cert.
May 92	First Aid at Sea (F) Cert.
Apr 91	First Aid at Sea (F) Cert.
Apr 90	MARPOL/SOLAS/STCW (HELMEPA) Cert.

10. OTHER SKILLS

Languages	<p>English: C2, Cert. City & Guilds, UK</p> <p>Greek: Native Language</p>
IT Skills	MS Office, Webex, Wordpress, SPSS Software
Technical Knowledge & Special Skills:	<p>- Joint Theater Level Simulation (JTLS®) Operator *</p> <p>- Incidents/Accidents Root Cause Analysis Specialist</p>

<p>*The Joint Theater Level Simulation (JTLS*) is used for civil/military simulations and humanitarian assistance/disaster relief (HA/DR) scenarios. The primary purpose of JTLS is to create a realistic environment in which agency staff can operate as they would within a real-world or operational situation</p>	<ul style="list-style-type: none"> - Appraisal of the accident site, Disaster Response - Recovery of wreckage, Collection of Evidence - Interviewing, Physiology, Psychology and Ergonomics - Media management. Court Procedures, Data Recorders and Analysis - Managing investigations, Liaising with Victims and their Families - Developing and Managing Recommendations/ Report Writing /Follow-up Actions - Advanced Human Factors Classification - Bridge Resource Management Training/Evaluation - Maritime Company Safety Management Manual Evaluation.
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11. PROFESSIONAL LINKS / MEMBER

2024 - Present	- European Association of Aviation Psychologists (EAAP)
2013 - Present	- International Society of Air Safety Investigators, Full Member (ISASI)
2011 - Present	- Flight Safety Foundation, (FSF)
2012 - Present	- Hellenic Aviation Society (HAS)

Publications

I have authored a book trilogy related with maritime and aviation safety which includes the following books:

Aviation Technical Books

- Trachalakis, Manousos., **Human Performance and Crew Resource Management**, (2014) 11 Aviation Publications, 237 pages, ISBN:978-960-9512-03-9, Published 24th January 2014
- Trachalakis, Manousos., (To be Published November 2026), **Safety and Crisis Management**, 11 Aviation Publications, ISBN: TBD (Expected)
- Trachalakis, Manousos., (To be published November 2027), **Transport Accident Investigation Handbook**, 11 Aviation Publications, ISBN: TBD. (Expected)

Articles

- Trachalakis, M., (2015), *Reticular Formation-Activating System: Training to Flight Risk*, Remove Before Flight, vol 54, 11 Aviation Publications, Athens, 2015
- Trachalakis, M., (2014), *MH370 Malaysian Airways Investigation: Black spots and future developments*, Remove Before Flight, vol 53, 11 Aviation Publications, Athens, 2014, <http://www.aeronautics-maritimesafetycenter.com/blog/-370-malaysian-airways>
- Trachalakis, M., (2014), *Why we need Safety Culture*, Remove Before Flight, vol 52, 11 Aviation Publications, Athens, 2014, <http://www.aeronautics-maritimesafetycenter.com/blog/1>
- Trachalakis, M., (2014), *Introduction to Aviation Safety*, Remove Before Flight, vol 51, 11 Aviation Publications, Athens, 2014, <http://www.aeronautics-maritimesafetycenter.com/>

Web Articles

- 27/01/2016, Internet site: onalert.gr, **“Common findings in Malaysia MH370 and Hellenic Navy Helicopter crash on 31/01/1996”**, <http://www.onalert.gr/stories/to-elliniko-ep-kai-ptisi-mh17-malaysia-koina-simeia/47658>
- 08/02/2016, Internet site: onalert.gr, **“Aircraft Accidents: Fatigue in Aircrews”**, <http://www.onalert.gr/stories/aeroporika-atyxhmata-protimate-ton-piloto-sas-piwmeno-h-kourasmeno/47850>
- 13/02/2016, Internet site: cnn.gr, **“Aircraft Accident Investigation: Differences among helicopters and airplanes”** <http://www.cnn.gr/opinions/arhra/story/21589/oi-diafores-sti-dierynisi-atyximatos-metaxy-elikopteroy-kai-aeroplanoy>

- 15/02/2016, Internet site: onalert.gr, **"Hellenic Navy Helicopter crash in Kinaros Island : Twenty topics to be investigated"**
<http://www.onalert.gr/stories/ptosi-elikopteroy-ta-20-shmeia-pou-prepei-na-dierynhntoun/47985>
- 08/03/2016, Internet site: cnn.gr, **"Two years after MH370 accident: Where are we heading?"**
<http://www.cnn.gr/opinions/arthra/story/24383/mh370-dyo-xronia-meta-poy-akrivos-odigoymaste>
- 26/03/2016, Internet site: onalert.gr, **"Armed Forces: The need of training identifying hazards"**
<http://www.onalert.gr/stories/enoples-dynameis-h-anagki-taktikis-ekpaidefsis-stin-anagnorisi-kindynon/48767>
- 21/05/2016, Internet site: onalert.gr, **"EgyptAir: Why we adopt convenient theories?"** <http://www.onalert.gr/stories/egyptair-giati-yiothetoume-tis-theories-pou-mas-voleyoun/49827>
- 02/07/2016, Internet site: onalert.gr, **"Leader or Manager? Culture change in Armed Forces"**,
<http://www.onalert.gr/stories/hgesia-h-diaxeirisi-allagi-nootropias-stis-enoples-dynameis/50638>
- 13/07/2016, Internet site: onalert.gr, **"Air Safety: Are we on danger? Where are we heading ?"**,
<http://www.onalert.gr/stories/aeroporiki-asfaleia-poso-pragmatika-kindyneyoume-kai-pou-odhgoumaste/50882>
- 31/08/2016, Internet site: onalert.gr, **"Drones: Is it a new threat? How Greece has been prepared ?"**,
<http://www.onalert.gr/stories/drones-einai-h-nea-morph-apeilhs-ti-etoimazetai-gia-thn-ellada/51462>
- 07/10/2016, Internet site: newsit.gr, **"Human Error in Aviation Accidents. What we need to know about Error"**
<http://www.newsit.gr/kosmos/Anthropino-lathos-sta-aeroporika-atyximata-Ola-osa-thelete-na-kserete-prin-tin-epomeni-ptisis/663845>
- 28/01/2017, Internet site: onalert.gr, **"Accident Investigation in Armed Forces: Interoperability and taboos"**
<http://www.onalert.gr/stories/diereunhseis-atyxhmatwn-enoples-dynameis-diakladikothta-kai-taboo/54111>
- 31/01/2017, Internet site: onalert.gr, **"IMIA 21 years after the accident. H.N Investigator talks about the report "**
<http://www.onalert.gr/stories/imia-elikoptero-pn21-21-xronia-meta-dierynhth-atyxhmatwn-pn-apanta-gia-porisma/54152>
- 25/03/2017, Internet site: onalert.gr, **"PEDs Ban to flights with destination US "**
<http://www.onalert.gr/stories/apagoreuesh-hlekronikwn-syskeuwn-ptiseis-hpa-siwphla-aitia-epiptwseis/55273>
- 30/03/2017, Internet site: pronews.gr, Opinion makers/**"Aviation Safety issues: Great lies. Small truths"**
<http://www.pronews.gr/portal/20170330/genika/opinion-makers/87870/aeroporiki-asfaleia-megala-psemata-mikres-alitheies>
- 17/05/2017, Internet site: pronews.gr, Opinion makers/**"Use of mobiles during flight. Is it a real danger?"**
<http://www.pronews.gr/portal/20170503/genika/opinion-makers/87870/kinita-tilefona-en-ptisi-stin-krisi-ton-etaireion-pleon-i-hrisi>
- 05/03/2023, Internet site: cnn.gr, Focus/ **"About safety or why God doesn't play dice with the Universe"**
<https://www.cnn.gr/focus/story/352811/peri-asfaleias-i-giati-o-theos-den-paizei-zaria-me-to-sympan>
- 14/03/2023, Internet site: capital.gr, Articles/ **"Tempi: Three points that will bring about the change in the safety culture"**
<https://www.capital.gr/arthra/3703858/tempi-ta-tria-simea-pou-tha-feroun-tin-allagi-sti-nootropia-tis-asfaleias/>
- 17/06/2023, Internet site: cnn.gr, Greece/ **"You don't declare a ship in distress": Maritime accident expert explains"**
<https://www.cnn.gr/ellada/story/368443/den-kirytteis-esy-ploio-se-katastasi-anagkis-dikastikos-pragmatognomon-naftikon-atyximaton-eksigei>
- 31/12/2024, Internet site: cnn.gr, Greece/ **"Why the Jeju Air flight would have had a different ending in the EU - How worried should passengers be?"** <https://www.cnn.gr/kosmos/story/455904/giati-i-ptisi-tis-jeju-air-tha-eixe-alli-kataliksi-stin-ee-poso-prepei-na-anisyxoy-n-oi-epivate>
- 27/02/2025, Internet site: cnn.gr, Greece/ **"An Accident Report can be subject to pressure": Expert on the investigation of the Tempy tragedy"** <https://www.cnn.gr/ellada/story/464524/ena-porisma-borei-na-dextei-pieseis-pragmatognomonas-gia-ti-dierynisi-tis-tragodias-ton-tempon>
- 17/04/25, Internet site: cnn.gr, Greece/ **"Greece on the "rails" of risk: An investigation into institutional derailment"**
<https://www.cnn.gr/focus/apopseis/story/472413/i-ellada-stis-rages-tou-riskou-mia-dierynisi-tou-thesmiky-ektroxiasmoy>
- 06/08/25, Internet site: cnn.gr, Greece/ **"The sea does not forgive negligence: What an expert says about the grounding in Nea Stira"** <https://www.cnn.gr/ellada/story/489906/i-thalassa-den-sygxorei-ameleia-ti-leei-pragmatognomonas-gia-tin-prosaraksi-sta-nea-styra>
- 12/11/25, Internet site: cnn.gr, Greece/ **"57 years in the air: Expert analyzes initial evidence on Turkish C-130 crash"**
<https://www.cnn.gr/kosmos/story/504907/57-xronia-ston-aera-empeirognomonas-analyei-ta-prota-stoixeia-gia-ti-syntrivi-tou-tourkiky-c-130>
- 25/01/26, Internet site: cnn.gr, Greece/ **"At the limits of man and system: Imia 30 years later"**
<https://www.cnn.gr/focus/apopseis/story/516863/sta-oria-anthropou-kai-systimatos-ta-imia-30-xronia-meta>