


Event:
Date:
Place:

ASHRAE Chapter Regional Conference 2019
Thursday September 26 – Sunday September 29, 2019
Athens, Hellas



#	<p>Michail Chalaris</p> <p>Chemist, Ph.D., Fire Colonel, Professor(pt.) of the Greek Fire Academy, Military Nursing Academy (SAN) and in MSc "Analysis and Management of Manmade and Natural Disasters" and in MSc Oil and Gas Technology</p>	<p>Insert</p> 
Title:	Chief in Fire Brigade of Koropi, Attica, Greece	
email:	chalarismichail@gmail.com	•
Presentation title:	The ventilation of a building with the "eyes" of a firefighter.	
<p>The presentation will attempt a comparative analysis of the new Building Fire Protection Regulation (Presidential Decree 41/2018) with the old one regarding the issues of building ventilation. The Building Fire Regulation defines the requirements and measures to be taken in buildings in order to:</p> <ul style="list-style-type: none"> (a) Protect the lives and health of those who are in the event of a fire. b) To prevent the fire from spreading from the place where it occurred to other areas of the building. c) To prevent the fire from spreading to the adjacent and neighboring properties as well as to the neighboring areas. d) Protect the buildings themselves and their contents. <p>The primary objective of the Building Fire Protection Regulation remains the safety of the public in the event of a fire occurring, which is generally achieved by appropriate design of the building and its suburbs, installation of active means and systems, and appropriate selection of materials and equipment. Specifically:</p> <p>All measures to protect the building from fire collapse, at least for the time required for its evacuation.</p> <p>Minimum escape route design requirements that allow the building to rapidly evacuate and safely evade its users, either outside or in another safe space or other building, without suffering the effects of smoke, toxic exhaust and heat generated in case of fire.</p> <p>The maximum permitted sizes in which buildings must be separated into fire compartments to minimize the fire as far as possible in the area where it occurred.</p> <p>Measures that prevent the transmission of fire from a building to its neighbors.</p> <p>Requirements of materials used in buildings in relation to their location and use of the building in order to prevent the rapid spread of fire.</p> <p>Active fire protection measures and systems that allow early detection of fire, its containment and the safe escape of building users, providing them with the necessary evacuation time and fire protection.</p>		

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CV:

Fire Colonel Michail Chalaris is a Chemist, Ph.D. He has an over 24-year experience in the area of firefighting and in confrontation of CBRN Threats and Technological accidents. He has participated in national missions that have relation with confrontation of Major forest fires in Greece, since 1998, HazMat/C.B.R.N. incidents, technological accidents and industrial fires and Urban fires

He is currently Professor(part-time) at Hellenic Fire Academy, Military Nursing Academy (SAN) and Professor in MSc "Analysis and Management of Manmade and Natural Disasters" in the course Technological disaster and environmental emergencies, in MSc Oil and Gas Technology in the course Hazard Identification & Risk Management.

He is also tutor at the National School of Public Administration and Local Government (ESDDA) and a certified trainer by National Organization for the Certification of Qualifications & Vocational Guidance (EOPPEP).

He has published more than 100 articles in scientific journals and in proceedings of conferences and he is the author of over 100 referred articles in scholarly journals. He has participated in several international bodies (like CTIF, EOS, IUPAC and EuCheMS).

Furthermore, he is:

- Technical Expert of European Commission/Humanitarian Aid & Civil Protection.
- Member/Expert of Hellenic CBRN Incidents Support Team.
- Member of Coordinative Committee of Hellenic Network of Green Chemistry,

He has been President of Association of Greek Chemists and Dean of the Fire Officers Faculty of Hellenic Fire Academy. From 2009 to 2012, he served as State Executive Secretary of Labour Inspectorate in Ministry of Labour, Social Security and Welfare.

Michail is a graduate of Hellenic National Defence College and of School of Further Education & Professional Training of Hellenic Fire Academy