Books recommended for the fire services

by **Vyto Babrauskas, Ph.D.**Fire Science and Technology Inc., San Diego CA

Stefan Särdqvist, Water and Other Extinguishing Agents, Swedish Rescue Services Agency (MSB), (2002).

This is the only book in the English language which endeavors to explain how water puts out fire. It will not replace traditional fire service training books, which discuss hydraulics, hoseline management, etc., but never get around to discussing the technical principles behind extinguishment. The book is written for firefighters and has copious color illustrations. Online version at: https://www.msb.se/RibData/Filer/pdf/23061.pdf

Stefan Svensson, Fire Ventilation, Swedish Rescue Services Agency (MSB), (2005).

This is a small book but again explains the principles and not the issues associated with fireground management (which are well done by other texts). Online version at: https://www.msb.se/RibData/Filer/pdf/20879.pdf

Lars-Göran Bengtsson, Enclosure Fires, Swedish Rescue Services Agency (MSB), (2001).

Everything a firefighter should need to know about the principles of enclosure fires. Again, the book is written for firefighters and has copious color illustrations. Online version at: https://www.msb.se/RibData/Filer/pdf/20782.pdf

(These books used to be very hard to purchase copies from Sweden. But the issuing agency, MSB, recently made them all available for free online).

Paul T. Grimwood, Fog Attack, FMJ International Publications Ltd., Redhill, UK (1992).

Mr. Grimwood is the best known author of fog nozzle usage. The book focuses heavily on examining the firefighting tactics of various fire departments around the world. The publisher is defunct, but a not-so-great scanned copy is available online at:

 $\underline{https://lahermandadblog.files.wordpress.com/2016/10/fog-attack-firefighting-strategy-tactics-an-international-view-1992.pdf}$

Grimwood has two newer books which focus more on tactical details of pulsed fog attack: **3D Firefighting** and **Euro Firefighter**. The former is sold by IFSTA (phone orders only) in the US and from Amazon. Latter is only available from Amazon.