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Dr. Georgi Popov is a professor and a chair of the Occupational Risk and Safety Sciences at the University of Central Missouri. He is a Certified Safety Professional (CSP), Qualified Environmental Professional (QEP) Safety Management Specialist (SMS), Associate in Risk Management (ARM), and a Certified Management Consultant (CMC). Georgi Popov received a PhD in Chemistry from the National Scientific Board and a M.S. in Engineering Physics from Defense University in Bulgaria. In 2001, Dr. Popov graduated from the Command and General Staff College in Ft. Leavenworth, Kansas. He also has a post-graduate certification in Environmental Air Quality. Dr. Popov is a recipient of the ASSP Global Safety Management, Executive Program in Safety Management and Risk Assessment Certificates.

Dr. Popov began his career in Cambodia serving as an Environmental, Health, and Safety officer. Later, he worked for the Defense Research Institute in Bulgaria. Dr. Popov also worked as an air quality and lab director for Kingston Environmental Services, Inc. Dr. Popov performed laboratory analysis, on-site inspections, environmental, health and safety risk assessments, Lean Six Sigma process implementation, air quality and hazardous materials sampling, Storm Water Pollution Prevention Plans (SWPPP), Tier II reports, and environmental management systems ISO14001 consulting.

Dr. Popov also has a post-graduate certification in Environmental Air Quality. As a professor in the School of School Geoscience, Physics, and Safety at the University of Central Missouri, he currently manages the Environmental, Safety and Risk Management program. His research interests include risk assessment (RA), risk management (RM), Prevention through Design (PtD), industrial hygiene, safety management, air quality, alternative fuels, LEAN Six Sigma practices, and business aspects of Environmental, Health and Safety. His experience is unique with both civilian and military environmental, health and safety programs.

Dr. Popov was an American Industrial Hygiene Association (AIHA) Mid-America Local Section past president. He was also the AIHA Joint Science Subcommittee Chair, the Value Strategy Committee past chair and the Environmental Issues Committee past chair. He is also a Fellow of the American Industrial Hygiene Association. Dr. Popov is a full member of the American Society of Safety Professionals (ASSP) since 2008. He is also ASSP Risk Assessment Committee Member and a vice chair of the US Risk Management Technical Advisory Group. For his contributions, Dr. Popov received the University of Central Missouri Excellence in

Teaching award in 2009 and the AIHA President’s award in 2011. Popov is a member of the AIHA Mid America Local section. He is also a ASSP’s Heart of America Chapter member and recipient of the chapter’s 2015 Safety Professional of the Year (SPY) award and 2016 ASSP Region V SPY award. In 2017 Dr. Popov received ASSP Outstanding Safety Educator award.

Dr. Popov has authored numerous risk assessment related articles in Professional Safety, International Scientific Publications, and other trade journals. He is a frequent speaker at national, regional and local conferences. He is the editor and a first author of a book titled [\*Risk Assessment – A Practical Guide to Assessing Operational Risks\*](#). The book was published in June 2016. He is a coauthor of a book [\*Risk Management Tools for Safety Professionals\*](#) published by ASSP in September 2018 and coauthor of a new book [\*Assessing and Managing Risk: An ERM Perspective\*](#).

Currently, he is working on an update of the *AIHA Value Strategy Book*.

### Selected Publications 2016-2022

#	PUBLICATIONS	WHERE; WHEN
1.	* <a href="#"><u>On the concept of risk: Uncertainty &amp; Black Swans</u></a>	ASSP Professional Safety Journal - March 2022
2.	* Assessing low likelihood high severity risks: A combustible dust case study	ASSP Professional Safety Journal - January 2022
3.	Assessing and Managing Risk: An ERM Perspective <a href="https://store.assp.org/PersonifyEbusiness/Store/Product-Details/productId/214765567">https://store.assp.org/PersonifyEbusiness/Store/Product-Details/productId/214765567</a>	ASSP – February 2021
4.	* <a href="#"><u>The Role of Risk Management With COVID-19 &amp; Its Impact on Pandemics</u></a>	ASSP Professional Safety Journal - December 2020
5.	* <a href="#"><u>The Power of What If: Assessing &amp; Understanding Risk</u></a>	ASSP Professional Safety Journal - June 2020
6.	* <a href="#"><u>Managing Risk Through Layers of Control</u></a>	ASSP Professional Safety Journal - April 2020
7.	* <a href="#"><u>Lean Six Sigma Tools for OSH Professionals: Integrating Safety Into Business Objectives</u></a>	ASSP Professional Safety Journal - February 2020
8.	* <a href="#"><u>Moving Risk Assessment Upstream to the Design Phase</u></a> - First-place honors in 2019 Professional Paper Awards from ASSP and the Editorial Review Board.	ASSP Professional Safety Journal - November 2019
9.	* <a href="#"><u>Risk Treatment Strategies: Harmonizing the Hierarchy of Controls &amp; Inherently Safer Design Concepts</u></a> - Third-place honors in 2019 Professional Paper Awards from ASSP and the Editorial Review Board.	ASSP Professional Safety Journal - May 2019
10.	* <a href="#"><u>Causal Factors Analysis: Uncovering &amp; Correcting Management System Deficiencies</u></a>	ASSP Professional Safety Journal - October 2018
11.	Risk Management Tools for Safety Professionals	ASSP Book – September 2018

	<a href="https://store.assp.org/PersonifyEbusiness/Store/Product-Details/productId/141026002">https://store.assp.org/PersonifyEbusiness/Store/Product-Details/productId/141026002</a>	
12.	* <a href="#">Communicating &amp; Managing Risk: The Key Result of Risk Assessment</a> - First-place honors in 2017 Professional Paper Awards from ASSE and the Editorial Review Board.	ASSE Professional Safety Journal - November 2017
13.	Risk Assessment – A Practical Guide to Assessing Operational Risks <a href="http://www.amazon.com/Risk-Assessment-Practical-Assessing-Operational/dp/1118911040">http://www.amazon.com/Risk-Assessment-Practical-Assessing-Operational/dp/1118911040</a>	Wiley, 2016
14.	* AIHA Body of Knowledge – Business Value Presentation <a href="https://www.aiha.org/publications-and-resources/BoKs/Business-Value/Pages/business-value-presentation.aspx">https://www.aiha.org/publications-and-resources/BoKs/Business-Value/Pages/business-value-presentation.aspx</a>	AIHA - 2016

*\*Indicates Peer reviewed article*