



2016 Enterprise Risk Management Symposium April 6–8, 2016, Arlington, Virginia

Enterprise Risk Management Framework as an Ecosystem

By Laura Whitaker

Copyright © 2016 by the Society of Actuaries and Casualty Actuarial Society.

All rights reserved by the Society of Actuaries and Casualty Actuarial Society. Permission is granted to make brief excerpts for a published review. Permission is also granted to make limited numbers of copies of items in this monograph for personal, internal, classroom or other instructional use, on condition that the foregoing copyright notice is used so as to give reasonable notice of the Society of Actuaries' and Casualty Actuarial Society's copyright. This consent for free limited copying without prior consent of the Society of Actuaries and Casualty Actuarial Society does not extend to making copies for general distribution, for advertising or promotional purposes, for inclusion in new collective works or for resale.

The opinions expressed and conclusions reached by the authors are their own and do not represent any official position or opinion of the Society of Actuaries or Casualty Actuarial Society or their members. The organizations make no representation or warranty to the accuracy of the information.

Enterprise Risk Management Framework as an Ecosystem

Laura Whitaker¹

Abstract

A sound enterprise risk management (ERM) framework functions as an ecosystem by balancing the complex interdependencies of its elements while constantly adapting to an ever-changing, external environment. Each living organism (stakeholder) has a unique role to play in forming a thriving ERM ecosystem (framework). It has to maintain synchronization across the various levels—legal entities, business lines, products and risk categories—and be risk-conscious in its decision-making. For an ERM framework to withstand events causing severe disruption to the system, an institution must:

- Identify all inherent and emerging risks, including their correlations/dependencies
- Implement key business decisions and actions on behalf of all of its shareholders
- Instill a common risk culture and language that is well understood and practiced by all levels/ business units
- Balance risk mitigation and risk-taking behavior to achieve the goals set out by and for its stakeholders

The ERM ecosystem is established at the most senior level of the organization. The board, executive committee and/or an ERM committee determines how effective, integrated and resilient the ERM framework will be. We live in a dynamic **biosphere** where external factors can **disrupt** how we routinely conduct business. Drastic changes in regulation, market trends, terrorist's attacks and extreme natural disasters are often categorized as one-in-200 events. These extreme scenarios can destroy a weak or adequately rated ERM ecosystem.

¹ Laura Whitaker, ASA, CERA, MAAA, is an actuary at Voya Financial in West Chester, Pa. The views expressed in this article are those of the author and do not necessarily reflect the views of Voya Financial, Inc. or any of its affiliate companies. This paper is for general informational purposes only. Laura can be reached at Laura.Whitaker@voya.com.