Complementary Cybersecurity

Eugen F. POPESCU

Department of Cybersecurity, Romanian Civil Aeronautical Authority, Romania
eugen.popescu@caa.ro

Abstract

The paper presents the need for enhancing the classical Cybersecurity domain of study with a set of complementary perspectives that are meant to support and facilitate a proper long-term human evolution, as well as a balanced and healthy environment. It describes the influence of human decisions on the technology, in its entire lifecycle, and likewise the technological feedback that is experienced both by the human and the nature, in return. It emphasizes the need for profound analysis of the influences that technology brings on humans – as individuals and as society – and on the surrounding environment. In the same time, it points towards the importance of adaptation of our daily lives to the technological advancements. The paper concludes with a set of necessities for raising the awareness and knowledge on these matters, in order to document and support the decisions that shape our realities.

Index terms: cyber psychology, cyber sociology, cyber ecology, technology influences, phenomenological analysis, holistic approach, adaptation needs