

> Thursday, October 13<sup>st</sup>, 2022

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MIS

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EMPOWERING CHANGEMAKERS FOR A BETTER SOCIETY

## **‘DIGITAL ECOLOGY AND ECOSYSTEMS. FRONTIERS OF RESILIENCE STUDIES’**

**BY ATTILA MÁRTON - COPENHAGEN BUSINESS SCHOOL**



### **ABSTRACT**

The notion of digital ecosystems has become a fruitful metaphor for examining the effects of digitalization across boundaries of organization, industry, lifeworld, mind, and body. In business-economic terms, the metaphor has inspired IS research into new business models, while in engineering terms, it has led to important insights into the design and governance of digital platforms. More recently, a third take is approaching digital ecosystems as literal ecological systems, reintroducing ecological thinking and the radically anti-modern philosophy it promotes into IS research. While such thinking lends itself to critiquing foundational IS categories (such as socio-technicality and externalities), it has yet to demonstrate its potential for guiding alternative practices of orchestrating digital ecosystems. In this talk, I will focus on possible avenues for developing such practices by discussing the notion of “resilience” as the primary goal of orchestrating digital ecosystems. By way of conclusion, I will then sketch the contours of IS research and practice that is more ecological and, thus, more responsive to a world increasingly marked by precarity.