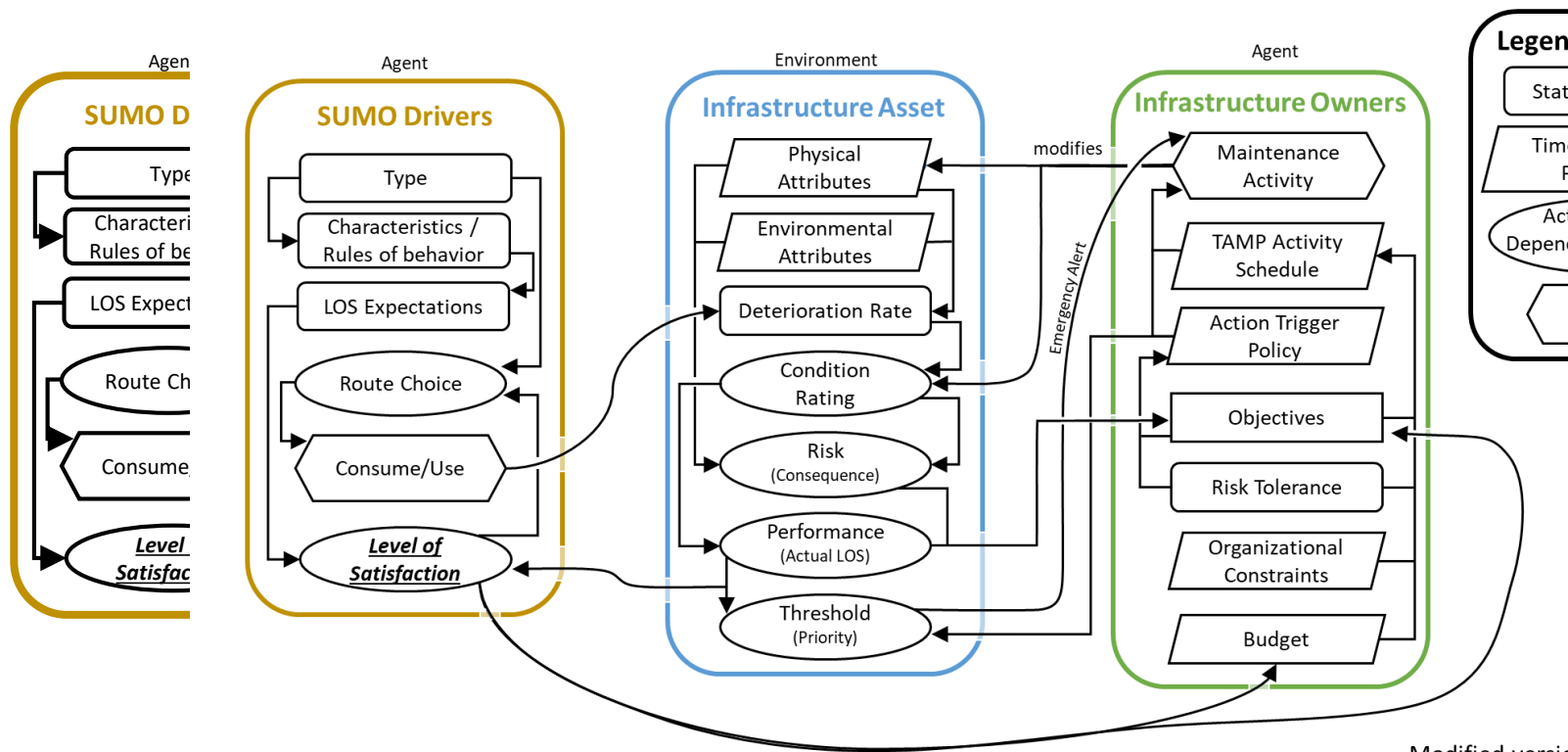


PhD Image Holder

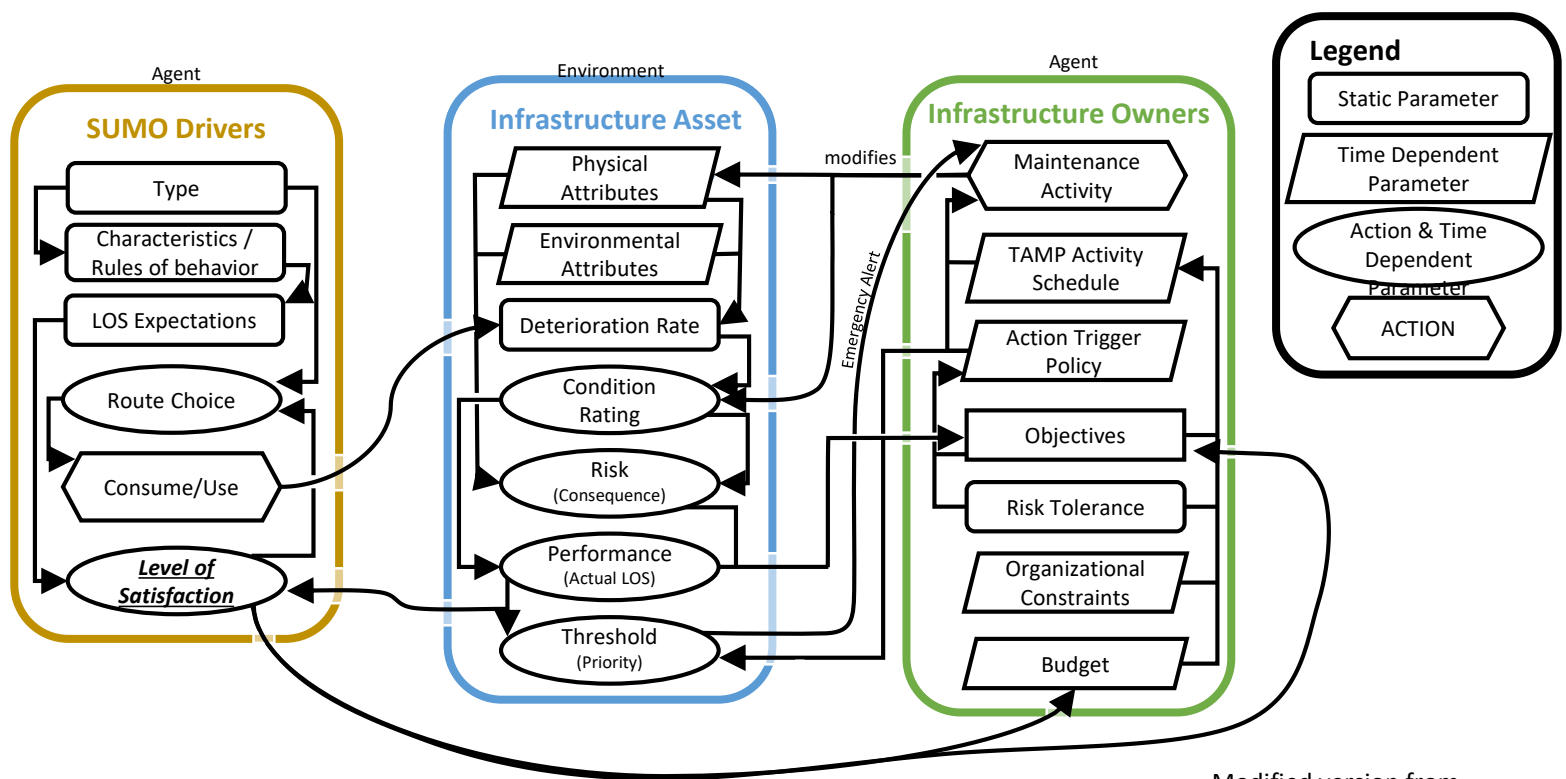
Trying to consolidate and structure everything under one location



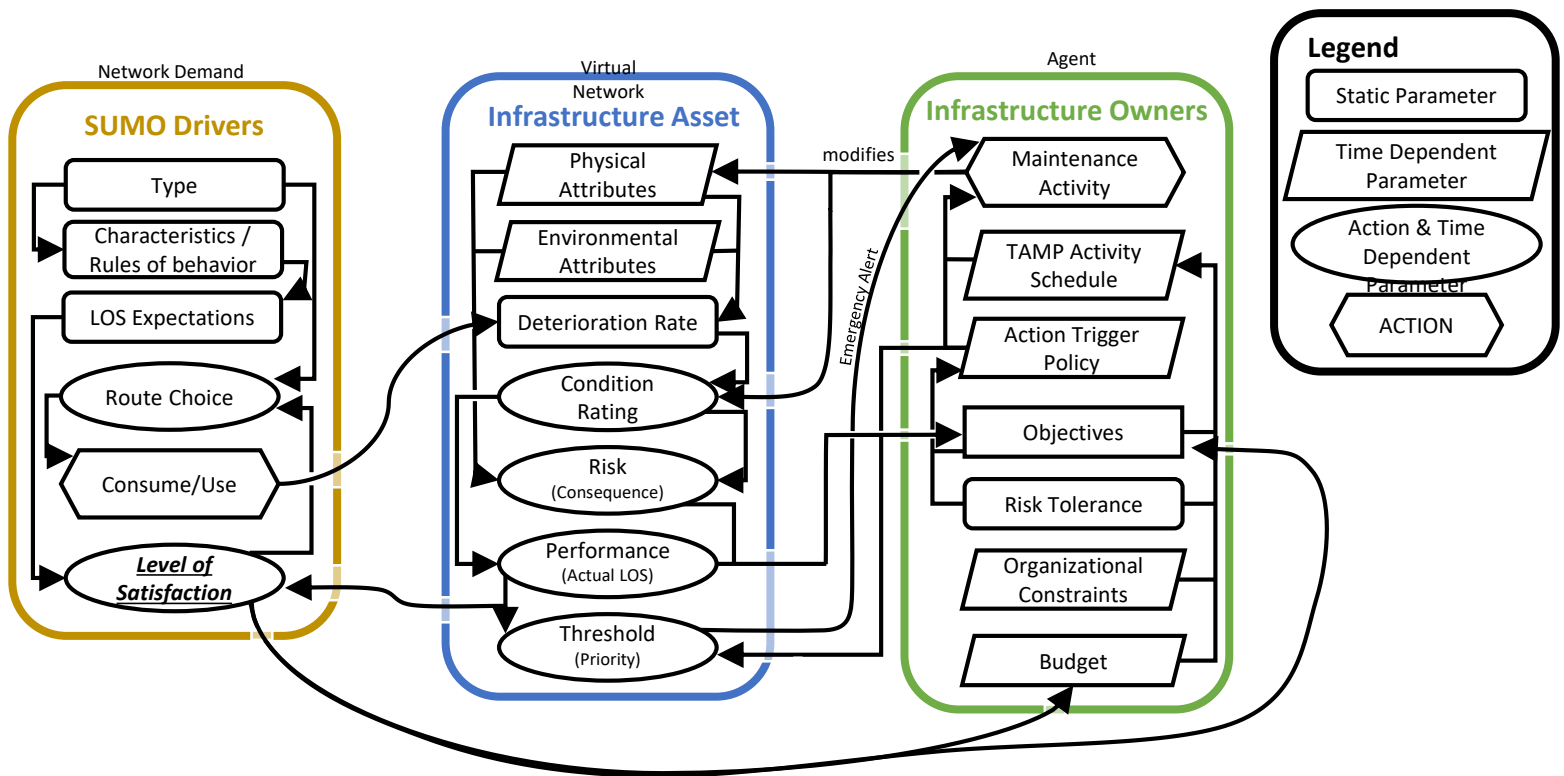
Figure 1. The modified version of the SUMO framework for infrastructure management



Modified version
H. Osman / Automation in



Modified version from
H. Osman / Automation in Construction 28 (2012) 45–57



Relationship Visualization concept from:
[H. Osman / Automation in Construction 28 \(2012\) 45-57](#)

