



Dr. Kimberly Young-McLear
2021 Workshop on Suez Canal Incident and
Implications for the Global Maritime Supply Chain

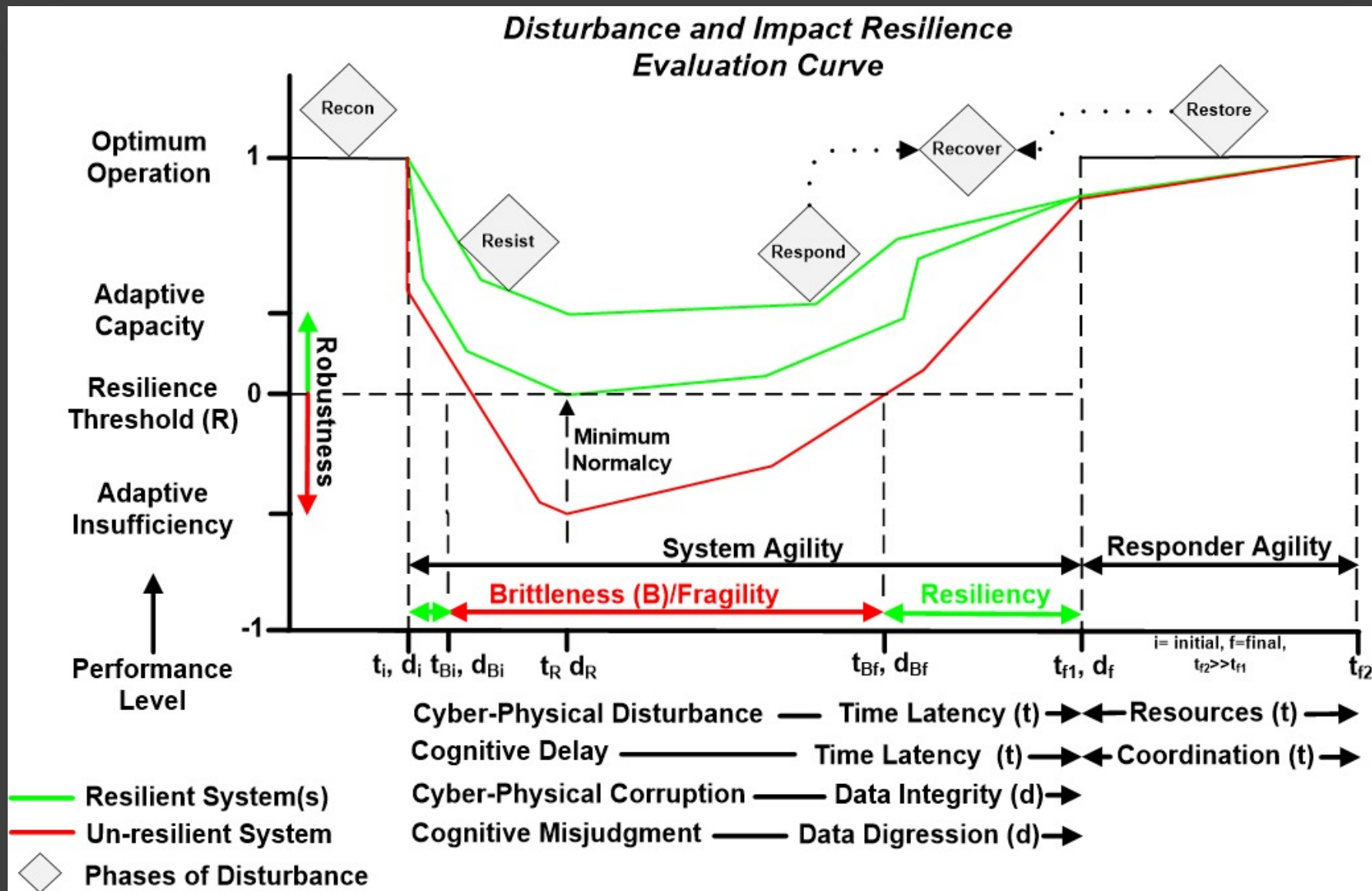


MTS CYBER RISKS

- Facility Access
- Terminal Headquarters – Data
- Terminal Headquarters – Ransomware
- Operational Technology (OT) Systems
- Positioning, Navigation, and Timing (PNT)
- Vessel

THE BIG FOUR

- 2017 - APM Maersk
- 2018 - COSCO
- 2020 - Mediterranean Shipping Co.
- 2021 - CMA CGM



The Public Infrastructure Security Cyber Education System (PISCES) provides qualified students with curricula and supervised experiences to act as entry-level cyber analysts. Students analyze streaming data for small communities or municipalities who may otherwise not be able to obtain cybersecurity to the extent needed. Through PISCES, a reliable high-quality pipeline is being developed to address the shortage of cyber professionals ready for the workforce.

[Cyber threat detection, network monitoring with Pisces program \(cybertalk.org\)](https://cybertalk.org)