## Resilience Bibliography

## References

- [1] A. Azadeh, V. Salehi, B. Ashjari, and M. Saberi, "Performance evaluation of integrated resilience engineering factors by data envelopment analysis: The case of a petrochemical plant," *Process Safety and Environmental Protection*, vol. 92, no. 3, pp. 231–241, 2014.
- [2] J. Bergström, R. van Winsen, and E. Henriqson, "On the rationale of resilience in the domain of safety: A literature review," *Reliability Engineering & System Safety*, vol. 141, pp. 131–141, 2015.
- [3] D. Bodeau, R. Graubart, J. Picciotto, and R. McQuaid, *Cyber Resiliency Engineering Framework*, 2012, no. September.
- [4] O. Diez and A. Silva, "Resilience of cloud computing in critical systems," *Quality and Reliability Engineering International*, vol. 30, no. 3, pp. 397–412, 2014.
- [5] J. Fitzgerald, P. G. Larsen, K. Pierce, M. Verhoef, and S. Wolff, "Collaborative modelling and co-simulation in the development of dependable embedded systems," Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), vol. 6396 LNCS, pp. 12–26, 2010.
- [6] S. Flood and J. Schechtman, "Ocean & Coastal Management The rise of resilience: Evolution of a new concept in coastal planning in Ireland and the US," Ocean and Coastal Management, vol. 102, no. January 2002, pp. 19–31, 2014.
- [7] S. R. Goerger, A. M. Madni, and O. J. Eslinger, "Engineered resilient systems: A DoD perspective," *Procedia Computer Science*, vol. 28, no. Cser, pp. 865–872, 2014.
- [8] C. Guariniello and D. DeLaurentis, "Communications, Information, and Cyber Security in Systems-of-Systems: Assessing the Impact of Attacks through Interdependency Analysis," *Procedia Computer Sci*ence, vol. 28, no. Cser, pp. 720–727, 2014.
- [9] M. Bellare and P. Rogaway, The exact security of digital signatures-How to sign with RSA and Rabin, 1996.

- [10] J.-C. Laprie, "From dependability to resilience," 38th Annual IEEE/IFIP International Conference On Dependable Systems and Networks, p. Fast abstracts, 2008.
- [11] N. Leveson, N. Dulac, D. Zipkin, J. Cutcher-Gershenfeld, J. Carroll, and B. Barrett, "Engineering Resilience into Safety-Critical Systems," In Resilience Engineering: Concepts And Precepts, pp. 95–123, 2006.
- [12] M. Liu and D. Hutchison, "Towards Resilient Networks Using Situation Awareness," *PGNet2011*, 2011.
- [13] T. Lu, J. Zhao, L. Zhao, Y. Li, and X. Zhang, "Towards a Framework for Assuring Cyber Physical System Security," vol. 9, no. 3, pp. 25–40, 2015.
- [14] J. Lundberg and B. J. Johansson, "Systemic resilience model," *Reliability Engineering & System Safety*, vol. 141, pp. 22–32, 2015.
- [15] A. M. Madni and S. Jackson, "Towards a conceptual framework for resilience engineering," *IEEE Systems Journal*, vol. 3, no. 2, pp. 181– 191, 2009.
- [16] A. M. Madni and M. Sievers, "Systems Integration: Key Perspectives, Experiences, and Challenges," Systems Engineering, vol. 14, no. 3, pp. 305–326, 2011.
- [17] R. Neches and A. M. Madni, "Towards Affordably Adaptable and Effective Systems," Systems Engineering, vol. 14, no. 3, pp. 305–326, 2011.
- [18] R. M. Pietravalle and D. M. Lanz, "Resiliency Research Snapshot," 2011.
- [19] M. G. Richards, D. E. Hastings, D. H. Rhodes, and A. L. Weigel, "Defining Survivability for Engineering Systems," Conference on Systems Engineering Research, pp. 1–12, 2007.
- [20] A. W. Righi, T. A. Saurin, and P. Wachs, "A systematic literature review of resilience engineering: Research areas and A research agenda proposal," *Reliability Engineering & System Safety*, vol. 141, pp. 142–152, 2015.
- [21] C. Rochas, T. Kuzecova, and F. Romagnoli, "The concept of the system resilience within the infrastructure dimension: application to a Latvian case," *Journal of Cleaner Production*, vol. 88, pp. 358–368, 2014.

- [22] G. a. Shirali, I. Mohammadfam, and V. Ebrahimipour, "A new method for quantitative assessment of resilience engineering by PCA and NT approach: A case study in a process industry," *Reliability Engineering* and System Safety, vol. 119, pp. 88–94, 2013.
- [23] M. Sievers and A. M. Madni, "A Flexible Contracts Approach to System Resiliency," pp. 1002–1007, 2014.
- [24] Stockholm Resilience Centre, "What is resilience?" Tech. Rep., 2014.
- [25] C. Systems, "Resilient Cyberphysical Systems," no. December 2012, pp. 2012–2013, 2014.
- [26] Various, "System Resilience at Extreme Scale White Paper," *Computer*, 2009.
- [27] D. Woods, "Four Concepts for resilience and the Implications for the Future of Resilience Engineering," Reliability Engineering & System Safety, vol. 141, pp. 5–9, 2015.
- [28] D. D. Woods, "Prologue: Resilience Engineering Concepts," Resilience Engineering: Concepts and Precepts, pp. 1–6, 2006.
- [29] H. Yang, F. Ye, Y. Yuan, S. Lu, and W. Arbaugh, "Toward resilient security in wireless sensor networks," Proceedings of the International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc), pp. 34–45, 2005.
- [30] Y. Yuan, Q. Zhu, F. Sun, Q. Wang, and T. Bas, "Resilient Control of Cyber-Physical Systems against Denial-of-Service Attacks.pdf," pp. 0–5, 2013.