

- Kruk, M.E.; Ling, E.J.; Bitton, A.; Cammett, M.; Cavanaugh, K.; Chopra, M.; El-Jardali, F.; Macauley, R.J.; Muraguri, M.K.; Konuma, S.; Marten, R.; Martineau, F.; Myers, M.; Rasanathan, K.; Ruelas, E.; Soucat, A.; Sugihantono, A.; Warnken, H. (2017). Building resilient health systems: A proposal for a resilience index. *BMJ*. 357. j2323. 10.1136/bmj.j2323.
- Liberatore, M & L. Nydick, R. (2008). The Analytic Hierarchy Process in Medical and Health Care Decision Making: A Literature Review. *European Journal of Operational Research*. 189. 194-207. 10.1016/j.ejor.2007.05.001
- Nemeth, C., Wears, R., Woods, D., Hollnagel, E., & Cook, R. (2008). Minding the Gaps: Creating Resilience in Health Care.
- Promentilla, M., Aviso, K. & Tan, R. (2015). A fuzzy analytic hierarchy process (FAHP) approach for optimal selection of low-carbon energy technologies. 45. 1141-1146. 10.3303/CET1545191.
- Samsuddin, N., Takim, R., Nawawi, A., & Alwee, S. (2018). Disaster Preparedness Attributes and Hospital's Resilience in Malaysia. *Procedia Engineering*. 212. 371-378. 10.1016/j.proeng.2018.01.048.
- Swathi, J. M., González, P. A., & Delgado, R. C. (2017). Disaster management and primary health care: implications for medical education. *International journal of medical education*, 8, 414-415. doi:10.5116/ijme.5a07.1e1b
- Zhong, S., Hou, X. Y., Clark, M., Zang, Y. L., Wang, L., Xu, L. Z., & FitzGerald, G. (2014). Disaster resilience in tertiary hospitals: a cross-sectional survey in Shandong Province, China. *BMC health services research*, 14, 135. doi:10.1186/1472-6963-14-135

Biographies

Mary Jean F. Azuela is taking up a Bachelor of Science degree in Industrial Engineering in De La Salle University - Laguna Campus. She was part of the Lasallian Instructional Gift for Adopted Pupils (LINGAP) Program under the Lasallian Mission Office that enabled her to become an academic scholar from high school to college. She joined various organizations inside and outside the university such as DLSU Environmental Conservation Organization, Council of Student Organizations, Office of Counseling and Career Services Student Representatives, Industrial Management Engineering Society, and Rotaract Club of Nuvali.

Dennis Paul Orge is finishing his Bachelor of Science in Industrial Engineering at the De La Salle University Manila – Laguna Campus, Philippines. He has been a consistent dean's lister throughout his entire stay in the university and is running for *cum laude*. He was one of the pioneer executive board members of Industrial Management Engineering Society in the Laguna Campus and also served in the College of Engineering Student Government (A.Y. 2017 – 2018). Aside from his academic activities, he also currently owns and runs an e-commerce website.

Mary Grace Valdez is currently taking Bachelor of Science in Industrial Engineering at the De La Salle University Manila – Laguna Campus during the conduct of the study. She was an academic scholar in high school under the Lasallian Instructional Gift for Adopted Pupils or the LINGAP Foundation and then became a Centennial Scholar in college under the same foundation. She has spearheaded and produced many notable projects through active involvement in different organizations in the university and in the community such as Council of Student Organizations, Laguna Campus Student Government, Industrial Management Engineering Society, Environmental Conservation Organization, Lasallian Student Representative, and the Rotaract Club of Nuvali.

Giselle Joy Esmeria is currently a fulltime Assistant Professor at the Department of Industrial Engineering of De La Salle University Manila - Laguna Campus. She holds a Bachelor of Science degree in Industrial Engineering from Mapua Institute of Technology and a Master of Engineering Management with specialization in systems management from University of the City of Manila. She is a Certified Professional Industrial Engineer with more than 8 years experience in manufacturing industry. She has taught courses in quality management, statistics, production operations management and other related engineering and business courses. Her research interests include optimization, manufacturing and disaster management. She is a member of the Philippine Institute of Industrial Engineering and currently pursuing a degree in Doctor of Philosophy in Industrial Engineering at De La Salle University Manila, Philippines.