

Creating a pillars of resilience model for disaster-stricken communities employing the wisdom of predecessors who overcame Hansen's disease and ancient disasters

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Abstract

Statement of the Problem: The Great East Japan Earthquake in 2011 caused not only several casualties but also isolated several towns that did not receive aid rapidly due to widespread destruction. We must ensure communities are self-contained in order to maintain autonomy and independence after disasters since Nankai megathrust earthquakes are expected to occur in the near future. This study aims at creating a resilience model for disaster-stricken communities by employing ancient wisdom. **Methodology & Theoretical Orientation:** We utilized Strauss & Corbin's Grounded Theory approach and created an essential pillar from ancient wisdom, garnering required support from official reports and newspapers about recent disasters. First, we extracted an essential pillar from literature on Hansen's disease survivors, who overcame severe poverty during World War II by creating a superior community in an isolated island. Second, we obtained an essential pillar from ancient documents regarding disasters and famines during the Edo period or earlier. **Findings:** According to Hansen's disease survivors, the essential pillars for creating a superior community are: 1) developing safety strategies through self-sufficiency, 2) promoting mental strength to overcome hardship, 3) assembling wise people to overcome hardship, 4) formulating self-defense organization, 5) building systems for protecting weaker individuals and assisting each other, 6) creating strategies for receiving external aid, and 7) evolving uncomplicated survival strategies. Meanwhile, the essential pillars from ancient wisdom include: a) developing strategies for future generations, b) employing places or festivals that residents value to begin reconstruction after disasters, c) supporting families debilitated by death, d) fostering spirituality and philosophy to endure loss, and e) receiving assistance from the government. **Conclusion & Significance:** Predecessors' wisdom

provides valuable suggestions for creating a strong community to cope with disasters. We will continue to garner required support.

Recent Publications

- 1) Makiko KONDO: Grieving Process of Nurses Continuing to Care for Dying Patients, Horizon Research Publishing, 2017 (ISBN: 978-1-943484-09-6)
- 2) Makiko KONDO, Kazuo Mori, Hiroshi Nomura, Hanako Kadowaki, Makiko Watanabe, Akemi Doi, Sayaka Shima: Chapter 5 Bioethics and the Experiences of Hansen's Disease Survivors. Peter A. Clark (Ed.): Bioethics - Medical, Ethical and Legal Perspectives. InTech, 2017, <http://www.intechopen.com/books/bioethics-medical-ethical-and-legal-perspectives>
- 3) Hitomi Yamao, Masato Muguruma, Kayoko Furochi, Jyunko Mikami, Yumiko Tsuge, Makiko Kondo: Spiritual Well-being of Aging Japanese Survivors of Hansen's Disease: How Do Individuals Live Energetically Despite Having Experienced Extreme Situations?. *Journal of Comprehensive Nursing Research and Care*, 1:105, 2017, <http://dx.doi.org/jcnrc/2017/105>
- 4) Mikuni Oyabu, Hitomi Yamada, Rie Nishimoto, Maki Sanada, Kyoko Tsukimori, Makiko Kondo: The Meaning of Relocation among Aging Hansen's Disease Survivors in Japan. *International Journal of Nursing & Clinical Practices*, 3, 2016, Article ID 3:IJNCP-172, <http://dx.doi.org/10.15344/2394-4978/2016/172>
- 5) Atsuko Nakayama, Kazue Ishikawa, Makiko Kondo: Clinical Nursing Competencies of Caring for Hansen's Disease Survivors During the Final Career Stage of Nurses' Development in Japan. *International Journal of Nursing & Clinical Practices*, 2, 2015, Article ID 2:IJNCP-132, <http://dx.doi.org/10.15344/2394-4978/2015/132>



Biography (150 word limit)

Makiko KONDO obtained her Doctor of Philosophy in Nursing from Osaka Prefecture University in 2007. Currently, she is an associate professor at Okayama University's Graduate School of Health Sciences, where she teaches undergraduate, postgraduate, and doctoral nursing courses. Her field of expertise is qualitative studies, and her research themes involve caring for parents with cancer and their children, grief care, clinical nursing competency, and extreme cases of Hansen's disease.

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Notes/Comments: