



Hazard Resilience Strategies

Food Shortages

Food Shortages: For Communities that depend mostly on local food for sustenance
For communities that depend mostly on food grown elsewhere for sustenance

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- Ensure community-based table-top exercises have taken place in the community-at-large to discuss strategies to deal with lack of food
- Ensure farmers have consulted agriculturists and have disease control plans in place for crops
- Ensure farmers use a diverse range of crops to minimize plant-based diseases
- Ensure hunting areas are preserved and wildlife management plans are in place
- Ensure most homeowners and businesses who have large amounts of frozen food have back-up generators in case of extended power failures
- Ensure plans are in place to ensure sustainable fishing
- Ensure the community has emergency food stocks stored in the community.

For communities that depend mostly on food grown elsewhere for sustenance⁴

- Ensure alternate routes are available for the delivery of food (e.g., road and air)
- Ensure community-based table-top exercises have taken place in the community-at-large to discuss strategies to deal with lack of food
- Ensure most homeowners have large amounts of frozen food stored and have back-up generators in case of extended power failures
- Ensure the community encourages and supports locally grown food (e.g., community gardens in the summer).
- Ensure the community has emergency food stocks stored in the community.

References

¹ Cutler, Peter. (1984). Food crisis in Bangladesh? Report on a visit to Dhaka, 2nd-21st July 1984. *Disasters*, 8:4, 242-243.

² Mahmuti, M., West, J.S., Watts, J., Gladders, P., & Fitt, B.D.L. (2009). Controlling crop disease contributes to both food security and climate change mitigation. *International Journal of Agriculture Sustainability*, 7:3, 189-202.

³ Juroszek, P. & von Tiedemann, A. (2011). Potential strategies and future requirements for plant disease management under a changing climate. *Plant Pathology*, 60:1, 100-112.

⁴ Cutler, Peter. (1984). Food crisis in Bangladesh? Report on a visit to Dhaka, 2nd-21st July 1984. *Disasters*, 8:4, 242-243.