

FAIL-PROOF AND FRUGAL HAM EMERGENCY COMMUNICATION

Kailash Gupta

The International Emergency Management Society – India Chapter¹

kailashgupta@my.unt.edu

Dharmendra Boolchandani

Malaviya National Institute of Technology²

dboolchandani.ece@mnit.ac.in

Caitlin Varquez

University of Minnesota³

varqu001@umn.edu

Sandeep Baruah

Vigyan Prasar of Indian Department of Science and Technology⁴

sandeepbaruah@gmail.com

Abstract - Academic paper.

Indian policy makers and administrators by not setting up ham club stations within district EOCs are creating communication vulnerability led disasters resulting in avoidable mortality, morbidity, and infrastructure losses. This paper reports progress made in the ongoing research and next steps to write a white paper to create awareness for establishing ham club stations within district EOCs in India. The paper is complimentary paper of praxis talk paper Ham Club Station at Malaviya National Institute of Technology, Jaipur, India. The paper explains why ham emergency communication is a fail-proof frugal system. The expected impact of the implementation of the research findings will be reduction of mortality, morbidity, and infrastructure losses after communication failures during many disasters.

Keywords: emergency communication, ham, ham club station, disaster mortality

¹ Information is available on the website: <https://www.tiems-india.org/home>

² Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017, India

³ School of Public Health, 420 Delaware St. S.E., Minneapolis, MN 55455, MN 55455, USA

⁴ A-50, Institutional Area, Sector 62, Noida Uttar Pradesh 201 309/ 1st Floor AI complex Technology Bhavan New Delhi 110016, India