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Exploring Communication Media Options in an Inter-Organizational Disaster Response Coordination Network using Agent-Based Simulation

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Highlights

- Simulation models built based on disaster response exercise data and documentation
- Model 1 experiment identified effective balance of meetings, bulletins, and emails
- Model 2 experiment tested use of web program, emails, phones and in-person exchanges
- Use of bulletins to reduce meetings improves request fulfillment times
- Allowing multiple communications media outside of central system is beneficial

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