

IEERG Interoperability for Extreme Events Research Group

WHAT WE DO

focus on

Practical, problem-solving approaches to interoperability issues in disasters and extreme events both naturally occurring & man-made,

apply

Data sharing & use models and evaluate how these can be best utilised to enhance interoperability outcomes

develop

Understanding of: technological innovations, connectivity and communications, governance and co-ordination

WHAT IS INTEROPERABILITY

For emergency management, Interoperability can be defined as *“the extent to which organisations can work together coherently as a matter of routine”*. In order to be effective, interoperability must be sustainable and use resources as efficiently as possible.

source: <http://www.jesip.org.uk/glossary/>

SYSTEMS
interoperability,
sustainability and
resource efficiency
to benefit of
society

Governance & co-ordination mechanisms

Technology adaptation, manipulation & connectivity

Data model arbitration schemes

EXTREME EVENTS



Different types of extreme events can result in unique interoperability issues

Our aim is to produce and apply relevant & rigorous research models, training approaches & consulting expertise to create effective solutions to stakeholder problems that emerge when organisations such as public safety agencies, NGOs and community groups, attempt to work together during a crisis.

We do this through development of: event scenarios (including testing); organizational learning approaches, structures & policy; assessment & evaluation measures, plans & control approaches; communication strategies, mechanisms & processes.

our aim

rigorous research



training approaches



consulting expertise



about us

We are based at the University of Sydney Business School with members from across NSW as well as from the US, UK and Germany.

For Further Information on the IEERG:
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