

# Security and Resilience Research Hub

## *Building resilient organisations in an era of complex risk*

**Organisations today face security threats and disruptions they cannot fully predict or control. The Security and Resilience Research Hub (SAR Hub) exists to help them prepare, respond and lead through complexity – drawing on rigorous research grounded in organisational strategy, governance and business practice.**

*The SAR Hub drives interdisciplinary, problem focused research and industry collaboration in security, risk and organisational resilience, translating evidence into policy and practice that helps organisations anticipate disruption, navigate uncertainty and create sustained value.*

*By delivering actionable, evidence based insight, the SAR Hub enables organisations to strengthen preparedness, safeguard critical operations and make confident decisions under pressure. Its work underpins safer workplaces, more reliable and inclusive services, and resilient supply chains, supporting economic stability, public trust and community wellbeing as security and disruption risks intensify.*

*Increasingly interconnected systems, cascading shocks, geopolitical instability and accelerating digital dependence are exposing organisations to risks that are harder to anticipate and more difficult to recover from. The SAR Hub addresses this gap.*

## Our research capabilities

Each of the Hub's five focus areas represents a distinct capability that partners and stakeholders can draw on – individually or in combination:

### Organisational Resilience & Crisis Leadership

We examine how leaders and organisations prepare for, respond to and recover from high impact disruptions, including disasters, climate related events, economic uncertainty and other systemic shocks. Our research focuses on decision making under uncertainty, crisis leadership, workforce resilience, and the governance structures that enable organisations to adapt, recover and perform under sustained pressure.

### Cyber Risk, Digital Resilience and Emerging Threats

We analyse cyber risk as an organisational and strategic challenge in Queensland and global contexts, integrating insights from cybersecurity, risk governance, information systems and accounting. Our work addresses emerging threats such as large scale cyber incidents, data breaches, system outages and digital dependency, supporting organisations to strengthen cyber resilience and align digital strategies with business and regulatory expectations.

### Supply Chain, Trade and Systemic Risk

We examine supply chains as interconnected systems, focusing on continuity and adaptation under disruption. Our research addresses global logistics, food and biosecurity risks, trade dependencies, and organisational responses to systemic and cascading shocks.

### Critical Infrastructure and Essential Service

We examine how critical infrastructure and essential services are governed and coordinated under stress, focusing on interdependencies, regulation and public-private coordination.

### Security Policy, Regulation and Applied Strategy

We connect organisational research with policy and regulation to inform security, resilience and risk governance through applied analysis and scenario based decision support for government, industry and regulated sectors.



## Our strengths

- **A nationally recognised interdisciplinary team** of 30+ researchers spanning strategy and leadership, cybersecurity, information systems, governance and accounting—integrating business insight with security and resilience expertise. Recent engagements span state and federal government advisory work, ARC-funded research, and partnerships with leading national response organisations.
- **Deep applied experience across high risk sectors**, including defence, emergency services, intelligence, critical infrastructure and heavily regulated industries.
- **Embedded partnerships with leading research and response organisations**, including the UQ Cyber Research Centre, the Centre for Enterprise AI, and AusCERT— Australia's national cyber emergency response capability.
- **Demonstrated capability in applied and policy relevant research**, including scenario analysis, resilience stress testing and evidence based advisory work for state and federal governments.
- **A strong track record of research translation**, converting rigorous academic insight into operational tools, strategic guidance and decision support for industry and government.
- **Active trusted engagement** with national security, disaster management and critical infrastructure stakeholders across Queensland and Australia.
- **Deep regional roots** with deep roots in Queensland's defence, resources and public sector landscape, the Hub is positioned to address the security and resilience challenges most relevant to this region.
- **Grounded in business and management disciplines**, uniquely positioned within a leading Business School, the Hub brings organisational, governance, leadership and decision-making lenses to security and resilience challenges, distinguishing our work from more technically focused centres.

## What we offer partners

- **Bespoke applied research** targeting your specific operational and strategic challenges
- **Sharp policy analysis and regulatory insight** that equips your organisation to lead in complex regulatory environments
- **Executive education and capability uplift** that builds lasting resilience literacy across your leadership and workforce
- **Scenario planning and resilience stress testing** for complex risk environments
- **Joint grant development and co-investment** across ARC, Defence, CSIRO and government schemes
- **Access to HDR talent and postgraduate research pipelines**
- **Expert advisory input that carries weight** for industry consultations, boards and government inquiries
- **Conference** convening and **cross sector knowledge exchange** activities

## World-leading expertise

### The University of Queensland



Ranked in the world's top 50, The University of Queensland is one of Australia's leading research and teaching institutions.



We are committed to providing knowledge leadership for a better world and are striving towards building a better future for our students and community.



Research with global impact: We're finding solutions to the world's biggest challenges.

### UQ Business School



Our academics collaborate across multidiscipline content.



Research themes help businesses support progress towards achieving the United Nations Sustainable Development Goals.



Cross disciplinary research helps companies achieve sustainability goals without added financial strain.

## Social impact emphasis

Our BRIDGE Framework articulates how the Hub connects research, practice and policy to strengthen organisational resilience and societal wellbeing — our commitment to ensuring research moves beyond publication into real-world impact.

Building capabilities

Researching emerging challenges

Informing decision-making

Developing partnerships

Guiding policy insights

Engaging communities

## Connect with us

Security and Resilience Research Hub

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W <https://business.uq.edu.au/research/research-hubs/security-and-resilience-research-hub>