

# Enhancing Decision Making in Emergency Management

## **A/Prof Chris Bearman**

Central Queensland University  
Natural Hazards Research Australia

Dr Peter Hayes (CQU)

A/Prof Greg Penney (CSU)

Prof Jim McLennan (LTU)

Prof Rhona Flin (RGU)

Dr Phil Butler (CU)



“Effective decision making requires sound and timely decisions based on an adequate understanding of the situation; a suitable decision making approach and the appropriate involvement of others in the decision process.”

(Hayes et al., 2021)



## The objectives of this project are:

1. To develop a broad understanding of current practice and future needs of decision making
2. To develop and evaluate a set of training and learning products that support the needs of decision makers operating in a variety of decision making environments.
3. To develop a skills acquisition framework that can help people know what, when and how to apply suitable decision making practice and tools.



# Research Team

## Researchers

- A/Prof Chris Bearman (CQU)
- Dr Peter Hayes (CQU)
- A/Prof Greg Penney (CSU)
- Prof Jim McLennan (LTU)
- Prof Rhona Flin (RGU)
- Dr Phil Butler (CU)
- Mark Thomason (CQU)

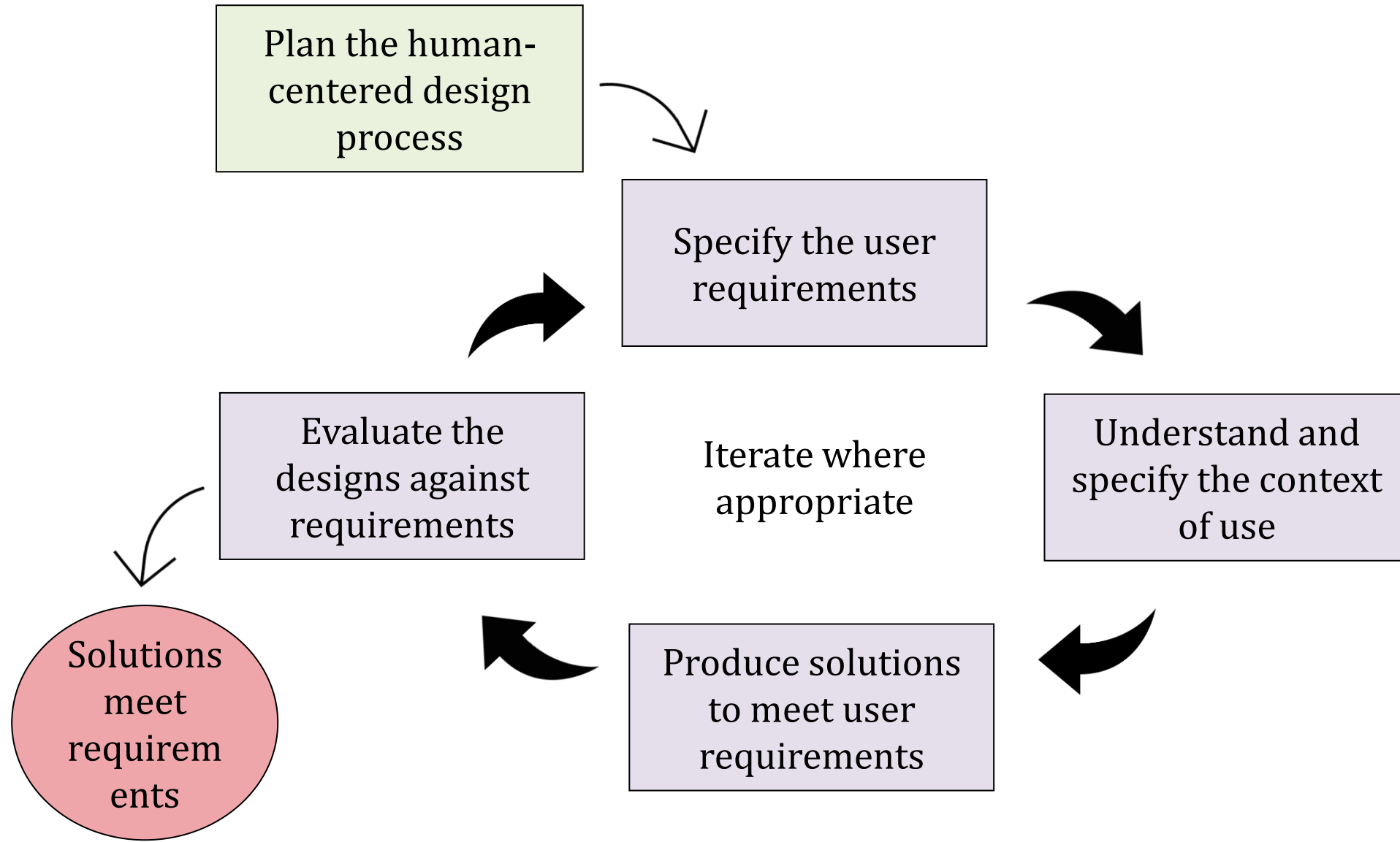
## Core Research Group

- Paul McGuiggan (FRNSW)
- Geoff McGill (EMV)
- Ian Tanner (DEW)
- Tyron Clarke (TFS)
- Mike Wouters (ex-DEW)

## Translation & Implementation

- Heather Stuart (NSWSES)
- Bob Evans (NTPFES)
- Alexander Rees (QFES)
- Tony O Day (FRV)
- David Gill (DFES)
- Sandra Lunardi (AFAC)
- Craig Bennett (AirServices)





**Human centred design activities** (adapted from ISO 9241-210:2010(E) p.11 by Bearman et al., 2018)



**Workshop:**

**Decision making in emergency  
management**

**Wednesday 3<sup>rd</sup> May at 9:40am**

