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Advancing a qualitative-based research construct

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METHODS AND APPLICATIONS

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Acknowledgments:

the Applied Human Factors Research Lab and the Air Transport Policy Research Group

Presentation Overview

- My Background
- Public Policy/Policy Research
- The Policy Research Construct (PRC)
- Prior Use in Aviation
- Other Possible Applications

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My Background

- BS in Aviation Flight Technology
- MS in Aviation/Aerospace Management
- PhD in Aviation Psychology

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Public Policy/ Policy Research

significance/impact
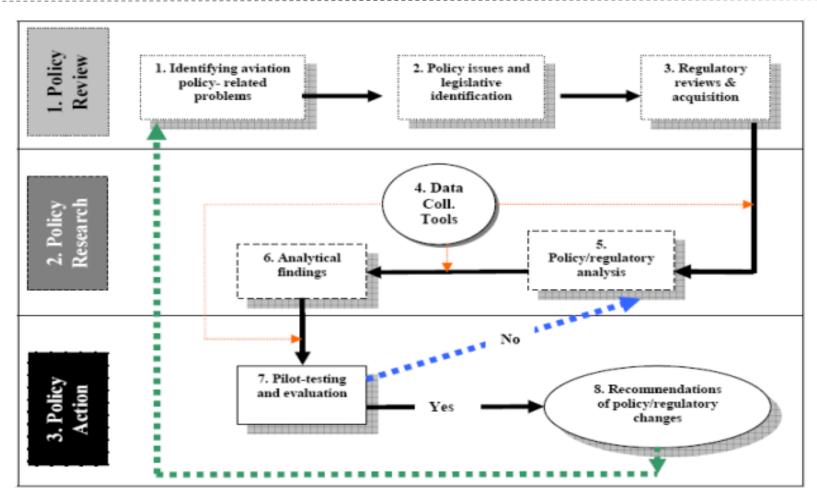
Policy Research Construct (PRC)

significance/impact

Positives

- Can be used to:
  - include the voice of the participant in cases where it would otherwise be lost
  - organize scholarly efforts and increase methodological rigor
  - frame mixed-method studies

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Diagram

The Policy Research Construct

- Review public policy issues/legislation regarding security measures required for smaller airports, determine security measures currently in place at such airports, and incorporate airport manager knowledge/opinion on how safe is "safe enough"

- Understand the experiences of airport managers regarding safety management systems (SMS)

- Design a network collaborative tool for the dissemination of safety research, the Safety across High-consequence Industries (SAHI) Collaborative Network

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Other Possible Applications

The Policy Research Construct

- Could be used in any field where with:
  - multiple interest groups and
  - a controlling agency (agencies)

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Other Possible Applications

The Policy Research Construct

- Specific example – government-citizen conflict in Taipei, Taiwan

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Questions?
Comments?