The Helpful Environment

Austin Tate
a.tate@ed.ac.uk

Co-OPR: Collaborative Personnel Recovery Training
- Using an I-X application to support personnel recovery centres in training mode
- Support for four phases:
  - Setting up the multiple rescue coordination centres
  - Distributing and maintaining the status of resources
  - Dealing with isolated personnel or rescue incidents
  - Preparing a shift handover briefing
- Technological enhancements:
  - Import tool gives access to existing SOP resources
  - I-Sim tool for simulating training exercises
  - Improved interfaces and customised state viewers
- Evaluation:
  - Series of experiments involving USJFCOM and US Personnel Recovery Education & Training Center
  - Evaluation:

I-X: Intelligent Systems for Emergency Response

- I-X Technology
  - "I" = (intelligent, intelligible, issue-based, integrated)
  - "X" is the particular tool or application
- I-X is a framework for creating intelligent multi-agent systems for collaborative tasks
  - Agents can be humans, robots and computer services
  - I-X tool suite provides basic human interface tools
  - All agents adopt a task-centric view of the current situation
- <I-N-C-A> constraint model provides common 'language' for communicating and dealing with elements of the task
- I-X approach based on 30 years of AI planning research and experience
- Application focus on complex and large-scale emergency response situations

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