

Assesment Assignment Unit E (5 points)

Background

In the last lecture we introduced the idea of autonomous (and semi-autonomous) robots working in disaster situations as “rescue robots”. This area of research is expanding rapidly!

Assignment

You are to read an article related to using robots in a rescue situation and then write a report about your chosen article. A suitable article would be on one of the below topics:

- The potential (usage or methods) for using robots in disaster sites.
- How robots actually ARE being used in disaster and rescue situations.
- General information about a specific rescue robot or a class of rescue robots.

Your report should contain

- One page summary of an article, including your opinions on to the validity of the author of the articles claims (take a position, defend it).
- Name of the article and a reference to it.
- If your article is not available online you should attach a copy of it to your report.
- NO HANDWRITING!

Acceptable Example Articles (you might use)

- [Better robots could help save disaster victims](#), by Kurt Kleiner. NewScientist.com news service, Jan 5, 2006.
 - [Rescue Robot Exercise Brings Together Robots, Developers, First Responders](#). National Institute of Standards and Technology (NIST), Nov 25, 2008.
 - [Researchers Create Software for Robot to Improve Rescue Missions](#). Science Daily, May 11, 2010.
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Robocup Rescue Videos (to get you psyched for next class!!)

- [RoboCup Rescue Winner](#) (2008)
- [RoboCup Junior Rescue & Premiere Rescue](#) (2008)
- [Robocup Junior Rescue](#) (2009)
- [Robocup Rescue Autonomous Mapping Challenge](#) (2010)