Field Robotics for Disaster Response

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Image Credit: http://www.tepco.co.jp/en/decommision/accident/index-e.html

Deepwater Horizon

Image Credit: D. Yoerger (WHOI)

UNZEN Volcano

Image Credit: Nishimatsu

Recent Disasters Highlight Need for Robots to Monitor and Intervene Without Endangering People

Quince: Monitoring Robot for Disaster Response in the Fukushima-Daiichi Power Facility

Tomoaki Yoshida

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Image Credit: Tomoaki Yoshida

Robots for Monitoring in Dangerous Locations

Robust Aerial Autonomy and Cooperative Heterogeneous Vehicle Deployments

Image Credit: Michael et al., JFR, 2012

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Robust Autonomous Air-Ground Cooperation

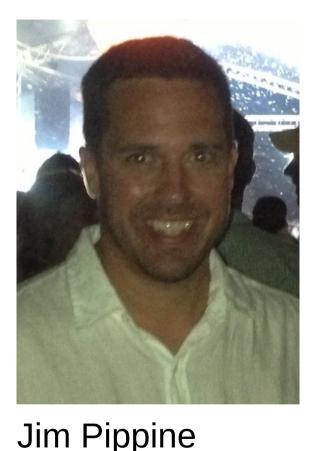# Unmanned Construction System for Disaster Response

Image Credit: Nishimatsu

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Intervention from Safe Distance

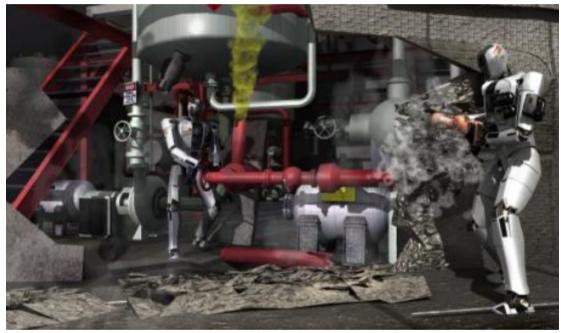# DARPA Robotics Challenge: Robotic Technology for Disaster Response

Image Credit: DARPA

Jim Pippine

Golden Knight Technologies

Motivating Future Generations of Disaster Response Robotics