

## عنوان مقاله:

REVIEW OF ADVANCE EMERGENCY MANAGEMENT IN GAS PIPELINES INCIDENTS: ENVIRONMENTAL IMPACTS MITIGATION

## محل انتشار:

اولین کنفرانس حمل و نقل مواد خطرناک و اثرات زیست محیطی آن (سال: 1387)

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## خلاصه مقاله:

Advance Emergency Management applies well-established technologies in communications, control, electronics, and computer hardware and software. Advance Emergency Management in gas pipelines is intended to reduce notification and response time and mitigate the environmental impacts of gas pipelines incidents. The research reported in this paper attempts to reduce emergency projecting response times by usage of several modern technologies such as ILI, GIS, ATLAS, and AVL/GPS. In addition, a brief case study of gas transportation through undersea pipelines in Caspian Sea has been mentioned. At the end, several applicable solutions have been reviewed and introduced to enhance emergency response actions to prevent fast spreading of the pollution.

## کلمات کلیدی:

Emergency Management, Gas Pipelines, Prevention Management, Mobile Mesh Networking Technology, ATLAS, AVL/GPS

## لینک ثابت مقاله در پایگاه سیویلیکا:

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