SRM LITERATURE REVIEW ASEP 2

**PAPER1**: published in SENSORS feb 2023

Helmet‑Mounted Real‑Time Toxic Gas Monitoring and Prevention System for Workers in Confined Places

**Link**:[Redirecting](https://mdpi-res.com/d_attachment/sensors/sensors-23-01590/article_deploy/sensors-23-01590.pdf?version=1675243571)

**Differences**: only doing gas analysis for miners safety. No positioning system implemented.

**PAPER2:**published in SENSORS May 2024

A Robust End-to-End IoT System for Supporting Workers in Mining Industries

Link:<https://mdpi-res.com/d_attachment/sensors/sensors-24-03317/article_deploy/sensors-24-03317-with-cover.pdf?version=1719020322>

**DIFFERENCES**: No real-time positioning feature. Used many sensors like body temp, AQI, UWB, Accelerometer, gyroscope. System has three parts helmet vest and wristband with sensors divided.

**PAPER3:**published in SENSORS Aug2021

AnIoT-Based Mobile System for Safety Monitoring of Lone Workers

**LINK**:<https://mdpi-res.com/d_attachment/IoT/IoT-02-00024/article_deploy/IoT-02-00024-with-cover.pdf?version=1722151080>

**DIFFERENCES**: Shares GPS coordinates only during emergency detected.