

# Nature Gas Disperion Simulation with OpenFOAM

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**Purpose** Investigate the spatial distribution of natural gas concentration resulting from dispersion on a ship

**Outline** We investigate the nature gas concentration spatial distribution in 200 seconds with different wind speed and monitoring points.

Computing system:	SQUID General
(v60840) Purpose CPU nodes	
node-hour	6000 node-hour
memory used	15000 GB
parallelize	380 nodes