



Curriculum Vitae - Philip Henschke

Senior Atmospheric Physicist

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AREAS OF EXPERTISE

- ✦ Air Dispersion Modelling and Impact Assessment
- ✦ Odour Assessment
- ✦ Ambient air monitoring and analysis
- ✦ Greenhouse Gas Assessment
- ✦ Noise Impact Assessment

QUALIFICATIONS & PROFESSIONAL AFFILIATIONS

- ✦ Bachelor of Science - Physics and Ecology (University of New South Wales)
- ✦ Clean Air Society of Australia & New Zealand & Certified Air Quality Professional (CAQP)

PROFESSIONAL EXPERIENCE

Philip holds a Bachelor of Science in Physics and Ecology and brings over a decade of specialised experience in environmental air quality assessments. His expertise encompasses complex air quality impact assessment, odour impact assessment, plume rise assessment, dispersion modelling, emission inventory development, ambient air quality monitoring, and meteorological monitoring.

Philip excels in air dispersion modelling, utilising a diverse array of models such as TAPM, AUSPLUME, AERMOD, ISCMOD, TRAQ, GRAL and CALPUFF modelling suite. His experience includes projects across the industrial, mining and mineral extraction sectors.

Moreover, Philip has organised numerous air quality monitoring programs, adeptly processing and analysing of meteorological data, ambient monitoring results and emission measurements. He is proficient in the commissioning, installation and operation of various ambient monitoring equipment including weather stations, ensuring reliable air quality monitoring for his clients.

He is experienced with conducting greenhouse gas assessment for a wide range of clients, from large extraction operations to various industries. He is skilled in recommending effective mitigation and abatement options for diversion greenhouse gas emission sources.