

ATMOS Global Launches its new ‘RiskBalance+ Evidence-Based Dust Management Plans’ a ‘journey of 1000 mines, one mine at a time’

ATMOS Global TM (ATMOS Australia Pty Ltd – Elite Atmospheric Air Quality Modelling & Forecasting and Climate Change Research Consultants TM) launches globally its new **RiskBalance+** TM philosophy, a fully developed approach to formulating **Evidence-Based Dust Management Plans** TM as part of its first-of-its-kind new global initiative **VerifiedDust** TM: **Evidence-based Dust Management and Dust Control Verification Program** TM, a global event, ‘*a journey of 1000 mines, one mine at a time*TM’.

ATMOS Global TM 's global new journey was inspired by its 2020 vision born from the desire to conceptualise dust management in an ongoing effort to help the mining industry deal effectively with emerging challenges associated with the profound transformation of our world.

RiskBalance+ TM is an evolution of ATMOS Global TM 's original **RiskBalance** TM approach to building effective site-specific dust management plans and local-scale air quality management plans for the mining, manufacturing and energy industries. **RiskBalance+** TM uses our **DustFinder+** TM system a first-of-its-kind **Ultra Intelligent Dust Assessment and Dust Management System** TM that offers mining operators a technologically advanced systematic methodology to formulate, assimilate and maintain practical dust management plans for their mining operations located anywhere in the world.

Dr Orestis Valianatos, the Global President and Chief Executive Officer of **ATMOS Global**, said that “*the new **RiskBalance+** TM philosophy helps mine site operators compile straightforward and results-oriented dust management plans based on methods that are accepted as ‘best practice’ or ‘beyond best practice’ by the industry to ensure the efficient, reliable and economic distribution of dust management resources*”.

The **RiskBalance+** TM philosophy supports ATMOS Global TM 's *artificially intelligent dust management systems*TM (**ATMOS-5D+** TM and **DustAlert+** TM) built on the *intelligent systems theory* that allows systems to communicate with and *learn from their environment* in a ‘space-time continuum’: *before, during* and *after* potential dust impacts occur. **ATMOS Global** TM 's *artificially intelligent dust management systems*TM represent a quantum leap improvement over traditional ‘mechanical automation’.

ATMOS Global's Center for Global and Site Specific Dust Impact Forecasting, Management and Control™ and Air Quality and Climate Change Academy™ work together to support its new **VerifiedDust™** program which is a global *ongoing training and education 'outside the class room' program* dedicated to the mining industry.

ATMOS Global™'s **RiskBalance+™** revolutionary dust management planning concept has been used for a mining project nominated as a finalist (jointly with **ATMOS Global™**) for one of the most prestigious awards for environmental excellence in Australia.

Prospective client companies that are interested in learning more about **ATMOS Global's RiskBalance+™: Evidence-Based Dust Management Plans™** are invited to contact our friendly **ATMOS Global's Air Quality and Climate Change Ambassadors™** for further information and a confidential phone consultation by visiting our new website: www.atmosglobal.com.

Notes for editors



Dr Orestis Valianatos is the Global President and CEO of **ATMOS Global (ATMOS Australia Pty Ltd)**. He has extensive experience and an influential global perspective in the fields of atmospheric and air quality forecasting (model/system developer and user), education and strategic corporate advisory services. Entrepreneur and agent of change, he has authored more than 50 ground breaking air quality research publications (internationally published). In 1999, Dr Valianatos initiated an ongoing successful journey to pioneer, encourage and support the use of advanced 3D dispersion modelling, numerical weather prediction and air quality forecasting concepts and techniques for the day to day understanding and management of complex air quality issues for the mining, manufacturing and energy industries.

ATMOS Global (ATMOS Australia Pty Ltd) is a wholly Australian owned leading global strategic consulting company specializing in the provision of advanced innovative atmospheric, air quality modelling & forecasting and climate change services. We have been developing and pioneering advanced three dimensional (3D) Numerical Weather Prediction and complex air quality modelling & forecasting tools to deliver accurate air quality management solutions for the mining, manufacturing and energy industries for almost two decades.

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