ATMOS Global™ Launches ATMOS-5D+™ First-Of-Its-Kind Energy Efficient 'Sixth Sense' Forecasting and Management Platform for Mine Haul Road Dust Control

ATMOS Global™ (**ATMOS Australia Pty Ltd – Elite Atmospheric Air Quality Modelling & Forecasting and Climate Change Research Consultants™**) launches **ATMOS-5D+ ™** world's first **Integrated 5D Global and Site Specific Dust Impact Forecasting and Management Platform for Mine Haul Road Dust Control ™ -** a major breakthrough in environmental dust control and management in mining. Growing attention to general environmental issues has stimulated the search for new approaches to dust management. In particular, the challenges associated with controlling haul road fugitive dust emissions have led regulatory agencies to examine these emissions in greater detail.

Dr Orestis Valianatos, the Global President and Chief Executive Officer of **ATMOS Global**, said that *"responding to the scientific consensus that mine haul road dust emissions are considered to have a major contribution to the overall dust emissions from surface mining sites, **ATMOS-5D+** 'sows seeds of change' as a revolutionary concept that facilitates the enhanced understanding and control of these emissions. **ATMOS-5D+** marks the emergence of a new 'sixth sense' **Dust Management 5.0** era by bridging the gap between the digital and physical world"*.

*dust impact forecasting information generated daily for mining companies world-wide through **ATMOS Global**'s **Centre for Global and Site Specific Dust Impact Forecasting, Management and Control**™ using our advanced multi-component dust control and management systems, **ATMOS-5D+** ™ and **DustAlert+** ™ (world's first **Artificial Intelligence Multi-factor Multi-criteria Dust Impact Early Warning System** ™), transforms the way mining companies deal with dust emissions associated with mine haul roads and helps them adapt to the global future of the regulatory environment in which they operate, as it changes"* he said.

ATMOS-5D+ is the new dedicated version (for mine haul road dust control) of **ATMOS Global**'s innovative **ATMOS-5D ™ -** the first-of-its-kind risk-based dust management method used for a mining project nominated as a finalist (jointly with **ATMOS Australia**) for one of the most prestigious awards for environmental excellence in Australia. **ATMOS-5D+** and **DustAlert+** are complex multi-component systems that combine state-of-the-art meteorological and air quality forecasting concepts and apply mathematical and physical sciences proficiency to the task of delivering more than 25,000 highly specialised dust impact forecasts every year.

ATMOS-5D+ is a multi-agent autonomous ground breaking *Dust Management 5.0* technology that coordinates and supports the mission critical activities of distributed dust control agents by adapting to:
- user expectations to help identify potential dust management problems

- changes in the environment to solve practical dust management problems in a more effective way.

ATMOS-5D+ sets guidelines for appropriate courses of fact-based dust management action leading to safer working conditions, reduced environmental consequences and higher productivity by offering mine operators an opportunity to anticipate, identify and decide before adverse dust impacts are predicted to happen (a few days in advance) what the response to these potential dust impacts will be.

ATMOS-5D+ is a unique dust control and management platform that complements and enhances the efficiency of traditional dust management control practices.

Mining companies that are interested in applying our **ATMOS-5D+ ™** platform, a fresh perspective on dust management, to better control mine haul road dust emissions 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 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 specialising 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.

www.atmosglobal.com

For further information please contact:
Dr Orestis Valianatos
Global President and Chief Executive Officer
ATMOS Global ™ (ATMOS Australia Pty Ltd)
Phone: 1300 69 2866 (1300 MY ATMOS)
Email: orestis@atmosglobal.com
www.atmosglobal.com

<div align="center">###</div>