

THE RISKS & OPPORTUNITIES OF EXTREME WEATHER AND CLIMATE CHANGE

“Everything we do is being impacted by extreme weather and climate change”

The conference runs alongside an international exhibition, bringing together the global weather and climate services industry with public and private enterprises at risk from extreme weather and climate change.



The Extreme Weather opportunity

The Conference is supported by a 2-day International Exhibition of the biggest names in the weather technology and forecasting services industry.

“The weather forecasting services market is projected to grow from USD 1.10 Billion in 2016 to USD 1.56 Billion by 2021.... The Asia Pacific weather forecasting services market is expected to grow at the highest CAGR during the forecast period.” *MarketsandMarkets*

How BIG are these risks?



According to Munich Re data, total reported losses from disasters are estimated at **\$3.8 trillion from 1980 to 2012 with 74% due to extreme weather.**

This is what the experts say:

- “Annual total damages from disasters have been increasing for decades and models show that population growth and rapid urbanization could put 1.3 billion people and \$158 trillion in assets at risk from river and coastal floods by 2050.” *The World Bank*
- “Business leaders have been asking for clarity in political ambition on climate change. Now one thing is clear: businesses, governments and communities across the world need to plan for a warming world – not just 2C, but 4C or even 6C.” *Leo Johnson, Partner, Sustainability & Climate Change PwC*
- Among the businesses most negatively affected by (Hurricane) Sandy were tourism (losses of more than \$1 billion and 10,000 jobs) and small- and medium-scale manufacturing and storage. *The Atlantic*

What business says about the impact of weather

“Protecting energy infrastructure assets from extreme weather will add significantly to the estimated US\$48–\$53trn in cumulative global investment needed in energy infrastructure by 2035.” *World Energy Council*

“Weather has had a greater effect [on sales] than economic numbers, we’ve known that forever.” *Andy Street, Managing Director, John Lewis*

“Two thirds of small businesses say they have been negatively affected by severe weather in the last three years. The financial cost of these severe weather events over this period was, on average, just under £7,000 for each affected business.” *UK Federation of Small Business*

“Almost half of UK Retail and suppliers (47 %) rank the weather as one of the top three external factors driving consumer demand.” *The UK MetOffice*

Why you should attend the Conference

This is your opportunity to:

- Hear first hand how weather and climate change will impact your business or service, and to meet with the companies and service providers with solutions for managing and mitigating the risks and hazards.
- Understand the enormous business opportunities that are being opened up by the growing impact of extreme weather and climate change.

Conference programme key features....

The conference programme - branded Extreme Weather Expo - is led by leading experts on extreme weather and climate change mitigation, and companies offering solutions. It includes:

- A paid for expert conference on managing the risks and realising the opportunities of the accelerating weather and climate related hazards faced by business and the public sector.
- A Free to Attend programme, including a Weather Risk Management Symposium; Workshops on Floods and Tropical Weather Hazards; and Technical Presentations by world leading technology companies.
- A 'by-invitation' Special Session organised in conjunction with the World Bank-Global Facility for Disaster Reduction & Recovery which will provide policy input into a WMO-led summit on the Provision of Forecasting Services.

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Who should attend?

- **Weather affected businesses and activities** - wanting to understand how they will be affected.
- **Specialists in disaster risk reduction** - seeking to learn of new innovations and technologies.
- **Developers of innovative new products** - opportunity to talk to established technology companies and service providers.
- **Providers of weather technology and forecasting services** - meet with new customers and business partners.
- **Insurers and re-insurers** - a great opportunity to meet potential clients for your index-linked weather risk management products.
- **Companies seeking to expand into new growth markets** - find out about an area set to grow dramatically in the coming years.
- **Investors seeking new business opportunities** - meet with product and service innovators and learn about the investment opportunities.

Confirmed speakers include:

- **Dr. Siva Balasundram**, *Universiti Putra Malaysia and International Society for Precision Agriculture*
- **Theresa Condor**, *Vice President Corporate Development, Spire Research and Consulting*
- **Brian Day**, *Chairman HMEI, President/CEO, Campbell Scientific (Canada)*
- **Dr. Sheldon Drobot**, *Senior Analyst - Competitive Intelligence, Harris Corporation*
- **Dr. Jack Hayes**, *Vice President, Harris Space and Intelligence Systems Business Segment*
- **Dr. Neil Jacobs**, *Chief Atmospheric Scientist, Panasonic Weather Solutions, Panasonic Avionics Corporation*
- **Mr Erkki Järvinen**, *President of Vaisala China Ltd.*
- **Abu Saleh Khan, PEng.**, *Deputy Executive Director (Operations), Institute of Water Modelling, Bangladesh*
- **Dr. Sanjay Kuttan**, *Energy Research Institute, Nanyang Technological University, Singapore*
- **Will Lang**, *Chief Operational Meteorologist, UK MetOffice*
- **Marc Lemmond**, *Senior Manager for Public Private Partnerships, The Weather Company*
- **Peter Lennox**, *CEO, Meteorological Service of New Zealand Ltd.*
- **Jon Porter**, *Vice President Innovation & Development, AccuWeather*
- **Dr. Laxman Singh Rathore**, *Former Director General, India Meteorological Department*
- **Dr. Kazuo Saito**, *Japan Meteorological Research Institute*
- **Dennis Schulze**, *Chief Meteorology Officer, MeteoGroup*
- **Mathias Steck**, *Executive Vice President, Energy & Renewables Advisory, DNV GL - Energy, Singapore*
- **Professor Alan Thorpe**, *Former Director-General, European Centre for Medium-Range Weather Forecasts (ECMWF)*
- **Dan Tomlinson**, *Managing Director, Allianz Risk Transfer (UK) Ltd.*
- **Dr. Erik Velasco**, *Research Scientist, Singapore-MIT Alliance for Research and Technology*
- **Dr. Rinus Vis**, *Director Singapore Operations, NUSDeltares*
- **Randolph 'Stick' Ware**, *Founder, Chief Scientist, Radiometrics*
- **Dr. Jin Ho Yoo**, *Climate Prediction Team Leader, APEC Climate Centre*

REGISTRATION

Enjoy access to the complete InterMET Asia-Extreme Weather Expo Conference & Exhibition, including: Delegate lunch and two coffee breaks a day; Symposium on Weather Risk Management; Technical Workshop Sessions; Technical Presentations; Networking Receptions; Conference Proceedings post-event.

NOTE: Members of our supporting organisations enjoy a further discount of 15%. Simply type the word ASSOCIATION in the discount code box, then advise us which body you belong to on the checkout form. The qualifying organisations are: AMS, HMEI, ISPA, IES, INSAM, NEA, SBF, SEAS, SEC, SIA, WEMC and WRMA

Registration Type	Early Bird Price Ends	Price
Early Bird rate - 21 and 22 March	17 February	SG\$585.00
Early Bird rate - Day 1, 21 March	17 February	SG\$395.00
Early Bird rate - Day 2, 22 March	17 February	SG\$395.00

To register, visit: www.ewex.asia/register

The Organisers

InterMET Asia-Extreme Weather Expo is organised by

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