

Meteorological

TECHNOLOGY INTERNATIONAL

THE INTERNATIONAL REVIEW OF WEATHER, CLIMATE AND HYDROLOGY TECHNOLOGIES AND SERVICES

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SOLAR ATTRACTION

Can we forecast magnetic storms to prevent catastrophe?

FULL PREVIEW OF THE LATEST EVER METEOROLOGICAL TECHNOLOGY WORLD EXPO 2017 OCTOBER 15-17 AMSTERDAM

TOP OF THE CROPS
Sensors, drones and data modeling are helping farmers protect valuable crops and increase yields.

SMARTER SATELLITES
Experts assess the technology on board the latest weather satellites and reveal their value to meteorology.

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DANGERS OF THE ANTARCTIC

How the world's first relocatable research station will continue to be a meteorological mission despite the risks.

MERCURY DEADLINE
Effective alternatives to mercury flow to maintain record homogeneity, and regional progress toward the switchover.

WMO INTERVIEW
Dr. Wengyan Zhang presents his vision on how the public sector should work more closely with private sector vendors.

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Can we trust satellite data?

THE GREATEST SHOW UPON EARTH
More than 100 satellites are being transformed into the world's most unique observation aircraft.

HURRICANE HUNTERS
NASA's two WP-3D Orions are being transformed into the world's most unique observation aircraft.

INTERVIEW
Professor Bernard Calpetri talks equipment standards and the need for more collaboration between the public and private sectors.

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"A SOBERING MOMENT IN THE HISTORY OF OUR PLANET?"

WMO secretary general Petteri Taalas reacts to news of record-shattering global warming temperatures and says the industry needs to invest in better disaster monitoring and early warning systems now.

SMALL UAV RESEARCH
The use of small unmanned aerial vehicles for boundary layer measurements.

AFRICA'S TAHMO
A dense network of 20,000 weather stations in sub-Saharan Africa.

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PERFECT 10

EUROPE'S first weather forecasting polar satellite that can predict systems up to 10 days ahead.

AIR QUALITY
Modeling of air pollutants can have a huge impact on local populations.

ROOF OF AFRICA
Tracking mountain climate change using automatic weather station installations.

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SOLAR IMPULSE 2

The meteorological specialists at SIZ's Mission Control Center in Monaco predict the best possible conditions for the world's first around-the-world solar flight.

REVEALED: THE FUTURE OF WEATHER RADAR
Key technologies for better performance and lower costs.

NASA ER-2 SPECIAL REPORT
The section on NASA's exclusive flying Sub-Orbital Science laboratories.

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WIND DIRECTION

How the revolutionary adaptation of solar and lidar are meeting the demands of taller turbines.

ROYAL NAVY
An expert team provides full weather operational support on board HMS Substout.

PUBLIC EYE
NOAA develops new educational tool to make environmental science more accessible.

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SPACE WEATHER SPECIAL!

Exclusive Interview with the UK Met Office Space Weather Centre, plus the inside story on NOAA's new GOES-R satellite that will help resolve both Earth and space weather prediction.

BRITISH ANTARCTIC SURVEY
The meteorological capabilities and work of the BAS explained.

AVIATION SAFETY: CIRA
Multisensor aviation-critical weather information system.

MEDIA & ADVERTISING DATA 2018

Meteorological Technology International was launched in November 2009 to great acclaim from the industry. In 2018 the world's only publication that is dedicated to the latest meteorology and hydrometeorology measurement, prediction and forecasting technologies and services will be published in April and September. It will be distributed globally to more than 18,500 key decision makers within all the national, regional and international meteorological offices and service providers, as well as to the major purchasers and users of weather, climate and hydrology technologies and services, including the aviation industry, airports, military operations, space centers, marine ports, shipping companies, energy industry, offshore facilities, wind farms and the agricultural industry.

Supporting the Industry

- MTi provides ongoing support and sponsorship for other critical industry events. As a result you'll see our magazines widely distributed at key industry conferences and exhibitions, such as the AMS Annual Meetings, and many WMO and HMEI supported events, as well as the international industry flagship event Meteorological Technology World Expo, held each year in Europe.

Circulation

- *Meteorological Technology International* is sent internationally to more than 18,500 key decision makers within the world's national meteorological and hydrometeorological centers, research institutes, and to major users of measurement and forecasting equipment and services, including airports, marine ports, military operations, wind farms, offshore facilities and agriculture. Readers include:

- Senior decision-makers from industries such as aviation, marine, energy, transportation, agriculture and other weather-sensitive businesses.
- Heads of technical acquisition
- Heads of national and regional weather services
- Heads of forecasting/observation infrastructure and basic systems
- Heads of weather, climate and geoscience research organizations
- Operational and research meteorologists
- Computing and visualization engineers
- Public environmental agencies
- Water resource and flood risk management
- Military meteorologists and purchasing chiefs
- Public safety management and operatives

The circulation database is built entirely in-house and consists of only the top tier of meteorological industry figures, decision makers and technology purchasers. The publication is sent to individually named and requested readers. In terms of geographical split, almost 40% of the circulation goes to North America, 35% reaches Europe, and 25% is sent to the rest of world, with particular emphasis on developed areas, including South Africa, Australia, Japan and the Far East, and South America.

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About the publisher

UKi Media & Events was established in 1991 and celebrated its 25th anniversary in 2016. The company publishes 25 world-leading and award-winning magazines in numerous sectors, including motorsport, aviation, road traffic management and rail. Employing more than 140 people, UKIP Media & Events also organizes more than 15 international exhibitions held in places as far-flung as New York, Shanghai, Detroit and Stuttgart. The company presents industry with informative, mission-critical information in beautifully designed, high-quality, informative, educational and entertaining publications.

Content

Technologies covered in *Meteorological Technology International*

- Forecasting technology and services
- Hydrological monitoring
- MetOcean monitoring
- Weather stations
- Wind measurement
- Temperature measurement
- Humidity measurement
- Pressure measurement
- Rainfall measurement
- Data acquisition and telemetry
- Weather radar and subsystems
- Solar radiation measurement
- Weather and climate modeling
- Forecasting for industry
- Wind and solar survey services
- Tsunami monitoring and early warning systems
- Computing solutions
- Data analysis and visualization tools
- Weather solutions for transportation
- Lightning detection and protection
- Snow and avalanche monitoring
- Severe storm and tornado tracking
- Satellite technologies
- Remote sensing and observation
- Evaporation measurement
- Soil ecology monitoring
- Gas monitoring
- Air quality monitoring
- Commercial weather services
- Hazard and risk analysis tools
- Observatory equipment

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