

Global Weather Enterprise

Goals of the Forum: 2018 - 2028

Introduction:

The Global Weather Enterprise (GWE) has existed for more than 100 years as three distinct sectors (public, private and academic). From the early beginnings to today, the three sectors have worked together in order to provide high quality weather information that promotes public safety by mitigating global risks to life and property from weather events. The Enterprise has also striven to provide information that enables weather-sensitive activities to be carried out in a more effective and efficient way. Today, there is an increasing requirement for more accurate and reliable information to be made available to as many people as possible so that, for example, our ability to predict severe weather events, particularly as climate changes, ensures that global risks to life and property are diminished. To deliver this requirement, the three sectors need to collectively commit to increased co-operation thereby minimising constraints and limitations to open up unrealized opportunities for expansion and growth. If the GWE is to be successful in achieving its vision, it must focus attention on achieving some crucial goals.

Goals of the Global Weather Enterprise Forum: 2018 - 2028

To be successful in increasing the benefits of weather information for all, a 21st Century GWE must improve the quality and availability of short term through to seasonal weather information. To this end, the GWE Forum actively promotes:

1. **Mutually beneficial engagement:** arising from a strong relationship of trust and co-operation between the World Meteorological Organisation, National Meteorological and Hydrological Services, private industry, the academic sector, international funding institutions, and the society that they all support.
2. **Long-term capacity building:** stimulated by co-operation between the GWE and development partners leading to increased capabilities of the weather enterprise in low and middle-income countries. This will support sustainable development that will operate for decades and, for example, advance disaster reduction and recovery on a global scale.
3. **Education and training of the next generation scientists and technologists:** that leads to increased research and development, operational expertise, and the implementation of innovations that support weather and disaster readiness globally.
4. **Improved access and exchange of global weather information:** of high quality capable of appreciably improving the range and accuracy of weather forecasts and warnings.

What Success Looks Like: 2018 - 2028

The critical societal benefits gained by the GWE implementing these goals will decrease the loss of life and the cost of the impacts due to severe weather through improved readiness and resilience. Commitment to these goals will enable more rapid growth of the global GDP, and create an environment for substantial growth of the Global Weather Enterprise.