Congratulations to the Global Weather Enterprise Conference!

Wenjian Zhang
Assistant Secretary-General

GWE Forum
Amsterdam, 11-12 October 2018
WMO is the UN system's authoritative voice on weather, climate, water & related environmental issues

- **WMO Coordinates** 191 Members, 200,000 experts from meteor & hydro, marine services
- **Backbone Programme**: World Weather Watch (WWW) since 1963
- **Co-Founder & host of IPCC** with UNEP, WCRP and GCOS with IOC, Co-Founder of UNFCCC,
- **Shipping service** is one of the WMO core areas
Organizational Structure of WMO (191 Members)

CONGRESS

Executive Council

6 Regional Associations

- Working Groups
- Rapporteurs
- Working Groups
- Panel of Experts

8 Technical Commissions

- Working Groups
- Rapporteurs
- Other Bodies
- WCRP-SC, IPCC
- GCOS-SC

Secretary-General

Secretariat
Great Achievement of hydrometeorological services to reducing the human losses (1955–2014)

Human losses by decade (millions)

Reduction of the number of victims thanks to greater progress of WMO for better forecasting, early warning systems and national prevention measures
In the past 60+ years, WMO effectively coordinated global Earth System observations & collaboration on Earth System Predictions – Global Foundation for all service provisions.
Great challenges for the Impacts of hydrometeorological and climatological hazards to the global economy (1955–2014)

- Economic losses by decade (billions of US$ adjusted to 2013)

Global economic losses are rocket high due to the rich and vulnerable costal megacities vs increase of extreme events
The Global Risks Report 2018
13th Edition
We envision a world in 2030 where all WMO Members, especially the most vulnerable, are more resilient to the socioeconomic consequences of extreme weather, water, climate and other environmental events; and support their sustainable development through the best possible services, whether over land, at sea or in the air.

Guiding principles: Cost effectiveness • Influence and inform the global agenda • Alliances and partnerships • Relationships and cooperation • Interactive approach to science and services

1- Better serve societal needs: Delivering actionable, authoritative, accessible, user-oriented and fit-for-purpose services

2- Enhance Earth system observations and predictions: Strengthening the technical foundation for the future

3- Advance targeted research: Leveraging leadership in science

LTG 4 Close the gap on services: Enhancing and leveraging existing capabilities among all WMO Members to bring capability to all

LTG 5 Work smarter: Supporting effective policy- and decision-making and implementation in WMO

Reducing losses of life and property from hydrometeorological hazards.

Supporting climate action to build resilience and adaptation to climate risk.

Enhancing socioeconomic value from hydrometeorological and climate services.

Overarching Priorities

Long-Term Goals

Vision
WMO POLICY FRAMEWORK FOR PPE

• People first principle:
  – The focus of PPE and PPPs in the context of the GWE should be on improving the safety and quality of life of communities, particularly those that are fighting poverty.

• WMO Guidelines on commercial relations
  – Resolution 40 (Cg-XII), provided “guidelines for relations between NMSs and the commercial sector”, with the understanding that the development of the exchange of meteorological and related information depends greatly upon sound, fair, transparent, and stable relations between the public and ‘commercial’ sectors.

• Mutual benefit & complementary
  – The public sector's deep understanding and trusted connection with its user community is critical to assured community safety through responsiveness to authoritative warnings, while the capacity and technological agility of the private sector can present opportunities to meet novel and emerging service needs
Global level- roles of WMO

• Modernized and clearly articulated standards and recommended practices.
• Encouraging free and unrestricted exchange of data.
• Facilitating dialogue between all stakeholders.
• Investigate emerging issues as well as new roles, and implementing such roles as appropriate.
WMO is a legal-binding organization, and Members need Better guidance and standards! – WMO is also a standardization-making organization!

Since 1951, WMO Cg-l
Climate perspective, Earth is small enough that we must take good care of it!

GWE perspective, Earth is big enough for all of us to play an important & different role!!

Proverb:
If you want go fast, go alone
If you want go far, go together