

## **WORLD METEOROLOGICAL DAY – 2024**

### **At the Frontline of Climate Action.**



It is with great honor that I welcome you to our conference, where we stand united at the frontline of climate action. Today, we gather not only to recognize the critical importance of climatology addressing the pressing challenges of our time but also to reaffirm our commitment to safeguarding our planet and securing a sustainable future for generations to come.

Climate change stands as an undeniable threat to our entire civilization. Its effects are already visible. The theme of this year's World Meteorological Day, "At the Frontline of Climate Action," resonates deeply with the urgency of our times and underscores the pivotal role that each of us plays in combating this global crisis.

As we convene here today, let us remind ourselves of the 13 Sustainable Development Goal, which compels us to take urgent action to combat climate change and its impacts. Progress in this goal not only safeguards our environment but also underpins progress in all other Sustainable Development Goals. The work of the World Meteorological Organization (WMO) community is indispensable in this regard, as it intersects with various facets of human existence.

The efforts of the WMO community extend far beyond meteorology and climatology alone. They touch upon crucial aspects of sustainable development, from reducing hunger and poverty to improving health and well-being, ensuring clean water and affordable energy, and making our cities more resilient to climate change. Weather and climate predictions enhance food production, epidemiology integrates climate information to manage diseases, and early-warning systems mitigate the impact of extreme weather events, ultimately reducing poverty and enhancing societal resilience.

WMO are at the forefront of driving the full value cycle—from advancing scientific knowledge of our Earth system to providing essential climate services and early warnings, all aimed at supporting climate adaptation and greenhouse gas emissions reduction efforts. Science lies at the heart of our solutions, and our unity in embracing scientific knowledge propels progress across the board on the Sustainable Development Goals.

As we embark on this journey of cooperation and innovation, let us leverage our collective expertise to overcome the challenges that lie ahead and realize our shared vision of a safer, more resilient world. Let us reaffirm our commitment to climate action and pledge to work towards building a sustainable future for all.

In conclusion, I extend my deepest gratitude to each and every one of you for your dedication to this cause. May this conference be a catalyst for meaningful dialogue, collaboration, and action.

Iulian-Horia Holobaca, Professor PhD