



# ONE WATER SUMMIT DECLARATION

## FOR SCALING UP SPACE SOLUTIONS FOR THE BENEFIT OF ALL

Water, the essence of life, stands at the forefront of humanity's battle against climate change. As our planet undergoes unprecedented environmental shifts, the intricate balance of water resources faces escalating challenges.

Recalling the entry into effect of the Charter on the establishment of the Space for Climate Observatory (SCO) on 1st September, 2022, initiated during the First One Planet Summit,

Recalling that its overarching goal is to promote and facilitate the use of space technology for climate action by making available to interested users information, expertise, tools and applications related to monitoring, tracking and mitigating or adapting to impacts of climate change,

We, the signatories of the Charter, affirm our shared commitment to taking concerted action at the national, regional, and international levels to scale up water management related solutions that have been developed by SCO projects.

We commit to jointly identify priority lines of effort to scale up :

- Operational solutions for satellite monitoring of the load of water retention systems around the world, likewise the StockWater project;
- Water quality monitoring systems, likewise the XTremQuality project;
- Soil moisture monitoring and Agriculture applications, likewise the Space4Irrig and BOSCO project;
- Extreme meteorological events management applications, likewise the BAND-SOS and GADE LAPLI project.

We commit to local capacity building initiatives that empower communities to effectively utilize and manage water resources, fostering resilience and sustainability at the grassroots level. Through comprehensive training programs, knowledge exchange, and technology transfer, we aim to cultivate a skilled workforce equipped to address the evolving challenges of water management in the face of climate change.

In conclusion, with unwavering dedication and collective resolve, we pledge to uphold the principles enshrined in this declaration and translate them into tangible actions that safeguard our precious water resources for current and future generations.

## Member organizations of the Space for Climate Observatory (SCO):

 ADEME (France)	 ISRO (India)
 AEM (Mexico)	 MBRSC (UAE)
 AFD (France)	 MCST (Malta)
 AGEOS (Gabon)	 Météo-France (France)
 ASI (Italy)	 NOAA (United States)
 AZERCOSMOS (Azerbaijan)	 NOSA (Norway)
 BELSPO (Belgium)	 NSO (the Netherlands)
 CEREMA (France)	 OFB (France)
 CIRAD (France)	 ONF (France)
 CNES (France)	 OSTIn (Singapore)
 CNRS (France)	 PhilSA (Philippines)
 CNSA (China)	 PtSpace (Portugal)
 CONAE (Argentina)	 SANSA (South Africa)
 CSA (Canada)	 SHOM (France)
 CSTB (France)	 SNSA (Sweden)
 ESA	 SSA (Saudi Arabia)
 EUMETSAT	 SSGI (Ethiopia)
 Expertise France (France)	 SSO-SARIO (Slovakia)
 GISTDA (Thailand)	 UAESA (UAE)
 IDDRI (France)	 UKSA (United Kingdom)
 IGN (France)	 UNDP
 INRAE (France)	 UNEP
 IRD (France)	 UNOOSA
 ISPRS	