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GEO AquaWatch: Strengthening Confidence in EO Water Quality Data

Friday 10:30 – 10:45

Water quality is essential for human, ecosystem, and economic health. Degradation of water quality can result in human exposure to disease and harmful chemicals, reduction in productivity and diversity of ecosystems and damage to aquaculture, agriculture and other water-related industries. Earth observation (EO) has a very real role to play in supporting effective water management in response to these challenges at the local and global scales. The goal of the AquaWatch initiative is to develop and build the global capacity and utility of Earth observation-derived water quality data, products and information to support effective monitoring, management and decision making. This presentation outlines some of the programme activities within the AquaWatch initiative, specifically in response to the challenges in delivering on this goal. The presentation also highlights some of the funded programmes of work that are also supported by the initiative.