WORLD CLIMATE RESEARCH PROGRAMME

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Like others, ESA stands for an observing system from space and for Earth remote sensing data sets.

Similar to all climate data records, climate observations from space requires continuous attention and repeated reprocessing.

Better process understanding is required in many respects to produce better data; focus might shift.

We need longer time series; new observations; new technology; better quality; better sampling, new parameters.

Joining forces with GCOS and others internationally to better bring in situ and rem sen. together and optimize progress toward climate information.
WCRPs new strategy:
• Expand insight and process understanding
• Monitor and predict changes
• Estimate changes in risks and impacts on society and life on Earth.

ESA should join in on various observations related levels.
• Further improve climate-consistent data sets.
• Improve understanding of processes and corrections.
• Develop new missions to cover new challenges.
• Bring together sat. obs. with in situ data sets to produce information.