



WORLD CLIMATE RESEARCH PROGRAMME

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International
Science Council



Question 1

- 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 informaiton.

Question 2

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.