

Atmospheric Dynamics + Predictability

How can the impact of weather and climate be reduced?

Chemistry + Climate

How can we limit the future impacts of air quality and climate?

Long-term Records for Climate Understanding

What is happening and how sure are we of that?

Discussion

SATIO-TCS – “Stratospheric And Tropospheric Influences On Tropical Convective Systems”

kick-off workshop: involve others (GEWEX, GC on CCC)

Storm tracks – “How will storm tracks change in a future climate?”

coordinate with others in the GC on Clouds, Circulation, and Climate Sensitivity

GAW links and liaison – to better recognize and strengthen

Talk to IGAC – pretty good communication with IGAC

Concerns

- **Reduced funding (30%)** – much reduced ability to support early career researchers and researchers from developing countries to travel to activity workshops, training schools, the 2018 SPARC GA...
- **Work with existing groups on tropospheric composition** – define a clear WCRP/SPARC contribution (IGAC; ILEAPS...; HTAP...; GAW...)
- **High level promotion of the value of WCRP coordination** – would greatly help raise profile of international climate research in national agencies (as well as direct finance)

Conclusions

SPARC is doing well! SPARC – “home for atmospheric dynamicists”.

However, concerns about “whole atmosphere” approach needing (too) intense communication!

Budget reductions need to be reversed! SPARC ready to help highlight value of WCRP



SPARC
Stratosphere-troposphere
Processes And their Role in Climate

