

World Climate Research Programme Joint Scientific Committee

A. Busalacchi
JSC-28

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- ACC: Anthropogenic Climate Change
- AC+C: Atmospheric Chemistry and Climate
- Monsoons
- Extremes
- IPY: International Polar Year
- Task Force on
Seasonal Prediction
- Decadal Prediction
- Sea Level

Project Lead

- | | |
|--|--------------------------|
| • ACC | JSC |
| • AC+C | SPARC (Links to VOCALS?) |
| • Monsoons | CLIVAR+GEWEX |
| • Extremes | CLIVAR+GEWEX |
| • IPY | CliC |
| • Task Force on
Seasonal Prediction | CLIVAR |
| • Decadal Prediction | CLIVAR |
| • Sea Level | Complete |

- Asian Monsoon Year April 2008 – March 2009
- International Monsoon Year
- Year of Tropical Convection
- 2nd Pan WCRP Monsoon Conference
- CLIVAR+GEWEX to be charged with developing a 5-year WCRP Monsoon Strategy (VAMOS Modeling Plan critical here)

What are climate extremes?

- Extremes encompass a wide range of phenomena
- Floods, droughts, hurricanes, heat waves, ...



ROBERT SULLIVAN/AFP/Getty Images



- Extremes occur on all time and space scales
 - Rare, high-impact
 - Often a result of several climatic factors
- Involve various aspects of the climate system; atmosphere, ocean, land

WCRP Extremes: Path Ahead

World Climate Research Programme

- Charge a scoping Task Team...not CrossCut.. with developing a framework for coordinating the study of extreme events to address issues pertaining to data, modeling, simulation, and predictability of extremes
- Build on (better define) existing WCRP activities, AR4, ongoing national Assessments (e.g., US S+A Product on Weather and Climate Extremes)
- Define extremes
- Refine/focus research priorities and requirements
- Identify 1-3 limited pilot projects (if not already in place)
- Serve as clearinghouse for information
- Develop Communication Plan (outreach)
- CLIVAR+GEWEX likely hosts/support (JSC oversight)
- Culminating with a WCRP Workshop on Extremes

- What added value does WCRP bring to the table?

- Relevance as guided by users
- Discussion with PR?
- Creation of new communities
- Involvement of NHMS
- Need for greater focus, prioritization in WCRP
- Added value brought by WCRP
- Focus on outcomes of IPCC
- Support for moving forward with IGBP merger, how best to do that, how fast
- Discussion on relevance and WCRP interaction with stakeholders

- JPS Geneva budget flexibility
- Increase in personnel costs
- Decrease in overall income
- Management style of D/WCRP
- Coordination with IPOs
- Visibility with sponsors: WMO, ICSU, IOC
- WCRP and IGBP reviews forthcoming
- Planning for World Climate Conference 3
- JSC next year in Bordeaux
(CLIVAR+SPARC to be reviewed)

