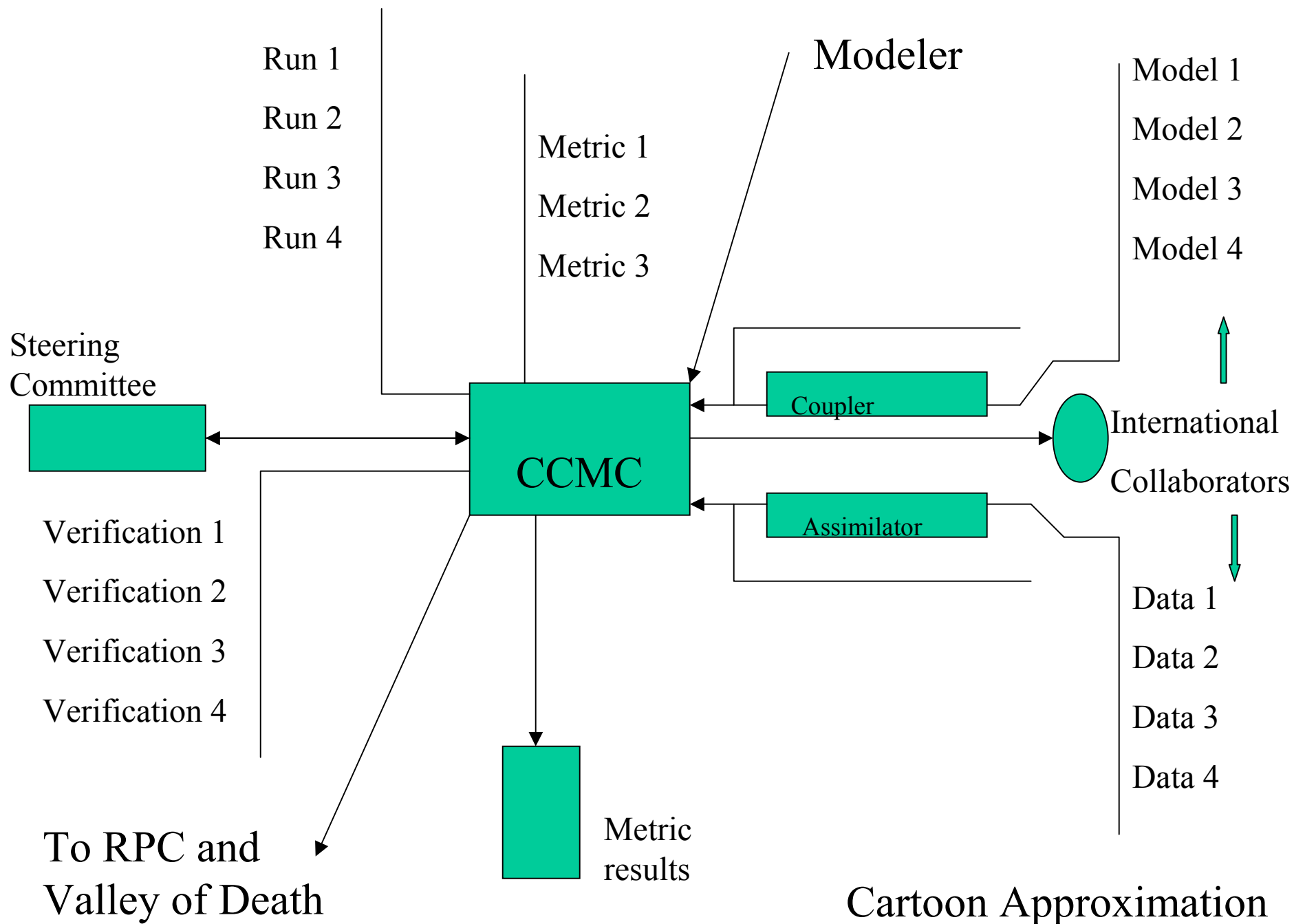


Collaboration and Cooperation

Discussion at CCMC Workshop

1 November 2001

Maui HPCC



Questions to answer

- How do we ensure continued cooperation among the agencies involved in CCMC?
- What process should be put into place for agency oversight on CCMC activities?
- How can CCMC be supported through existing agency programs?
- What types of new initiatives might be put in place to enhance CCMC?
- How can we maximize international involvement and benefits?
- What related activities exist in other countries?
- What outreach activities should be initiated to publicize CCMC activities?

How do we ensure continued cooperation among the agencies involved in CCMC?

- Critical part of NSWP.
- Delivery of products,
- Support of critical programs,
- Definition of CCMC.

What process should be put into place for agency oversight on CCMC activities?

- Steering committee with two workgroups
- Operations (reps of stakeholders)
- Science
 - CEDAR/GEM/SHINE/LWS
 - Modeler representatives
 - Software engineers
 - Data Experts
- Issues: Models, Metrics, Joint AOs

How can CCMC be supported through existing agency programs?

- Through joint AOs
 - Attract more participants among the stakeholders
- By Cash and in kind contributions

What types of new initiatives might be put in place to enhance CCMC?

- Participate in the Teragrid/NCSA/SDSC
- Express modeled results in terms of experimenters environment

How can we maximize international involvement and benefits?

- Network with international space weather facilities in interested countries
- Create open access to data, models and data runs to international users.

What related activities exist in other countries?

- ESA/ESTEC
- Australia
- Brazil
- Japan

What outreach activities should be initiated to publicize CCMC activities?

- Need to train the next generation of people and educate the community on importance of Space Weather.
- Conference, + international school for space simulation+ runs on request for students

Goddard already runs a numerical simulation school

- Mirror sites for data
- Participate in technical summer schools
- Provide downloadable movie that can be used by the local TV weather reports

Other Issues

- CCMC is not peer-reviewed or competed
 - Perhaps locate at NASA (LWS)
 - Perhaps locate at NCAR
- CCMC needs to grow from small beginnings by success.
 - Cash-strapped agencies will put participation at a higher priority.
- Should attempt to attract OSTP, OSD, DARPA to solicit support for the Steering Committee to raise the level of interest in CCMC