**CyberWay Monthly Telecon Minutes**

2:00-3:00 PM Feb 12 2018

**1. Roll Call of Participants**

Liping Di, Ben Cash, Chen Zhang, Eugene Yu, Steve Browdy, Sheng-hung Wang, Ziheng Sun, Ze Deng

**2. Agenda**

Discuss the architecture design of CyberWay.

**3. Subgroup status & action item report**

3.1 GMU CSISS

Dr. Liping Di restated the project objective and the detailed direction for the development in system building and scientific problem solving of next step. Dr. Ziheng Sun introduced the general progress of CSISS. CSISS has made all the resources and people in place for system development. Open the field for discussion.

3.3 GMU COLA

Dr. Ben Cash gives a detailed presentation about his datasets and models.

3.4 OSU

Dr. Wangshung Wang reported the progress of model intercomparison and provided the links for downloading data from UCAR RDA server. The role of OSU is scientist user. CyberWay need listen to their requirements on cyberinfrastructure facilities, and make them work in a friendly and simple way. OSU currently need select variables from netcdf dataset on UCAR RDA server, subset or combine the data of different periods such as timestamp, long-term, weekly, monthly, or yearly, and perform comparison with model assimulated outputs.

3.2 BCube

Dr. Steve Browdy descrbied the framework of Bcube and prospected how to integrate the capabilities of Bcube into CyberWay. The broker and crawler should be located in the design. The interaction between the two Bcube components and CyberConnector modules should be explicit. FGDC status checker is suggested to enhance the ability of VDP binder and VDP monitor to build tolerance merchanism for corrupted services.

**4. Next Agenda**

Continue the discussion on the four cases in the proposal. Specificly:

1) the integration of Bcube and CyberConnector

2) the way to remotely access and efficiently process COLA datasets

3) the streamlined process for ASR model

4) interface design for intercomparison and model validation