The Marriage between CyberConnector and CMAQ [1]

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Abstract:
CyberConnector is a help system to bridge Earth observation (EO) datasets to the Earth scientific models (ESM). CMAQ is a famous ESM to simulate the atmosphere. This research tries to establish a cooperation example between them to demonstrate how CyberConnector can benefit the real operation of ESMs in daily work. Through CyberConnector, many other ESMs like CMAQ will have a better chance to be tested and applied with real world EO datasets. The collaboration between Cyberinfrastructure engineers and Earth scientist communities, we called a marriage, outputs a win-win for both parties and demonstrate the importance of multi-disciplinary researches in this Big Data era.

Collaboration Area: Air Quality [3]
Earth Science Collaboratory [4]
Products and Services [5]
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Author(s):

Name: Ziheng Sun [6]
Organization(s): Center for Spatial Information Science and Systems [7] ,George Mason University [8]
Email: szhwhu@gmail.com [9]

Name: Liping Di [10]
Organization(s): GMU [11]

Name: Chen Zhang [12]
Organization(s): CSISS [13]
Email: czhang11@masonlive.gmu.edu [14]

Name: Daniel Tong [15]
Organization(s): CSISS [13]
Email: daniel.tong@noaa.gov [16]

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