

FESD virtual meeting. Friday March 24th, 2017

Representatives from all groups were present.

We began by thanking Doug Kinnison for his help in getting together our FESD computer allocation (the proposal is posted to our Ozone and Climate website).

We had two science presentations:

1. David Ferreira spoke about attempts of the Reading group to reconstruct 20th C seaice conditions around Antarctica, based on the log books of Southern Ocean mariners going back to the late 19thC. The reconstruction suggest that sea-ice was generally less extensive in the first half of the 20thC but with hints of large decadal variations. The work is being written up for publication – nothing available at the moment.
2. Yavor Kostov (in a study with Ferreira, Armour and Marshall) spoke about attempts to understand why historical simulations of CMIP5 models fail tom reproduce the observed SST cooling trend around Antarctica. He uses the framework provided by ozone and GHG climate response functions.

Yavor's presentation is attached.

It was decided that John would write a brief outline of a proposed review paper on the climatic implications of SH westerly wind trends and circulate it before our next meeting.