















Concluding remarks :

◆The possibility of mutual verification between satellite products and climate model simulation results was examined.

♦ Satellite data is very useful for the verification of model results. On the other hand, the values of elements calculated by the model are physically and biologically consistent in the model. Therefore, the model results are useful as the relative information for the validation of the global scale or regional scale products of satellite estimated separately by each algorithm.

◆By comparing satellite data with model data, utilizing the elements whose spatial and temporal characteristics correspond, the mutual verification between satellite data and model data and the investigation of each change mechanism can be achieved. The physical-biological relationship of biosphere change also can be investigated

♦We have completed new numerical simulations in this fiscal year. We will indicate the capability of mutual verification of satellite data and model data and the earth system understanding method using that synthetically.