



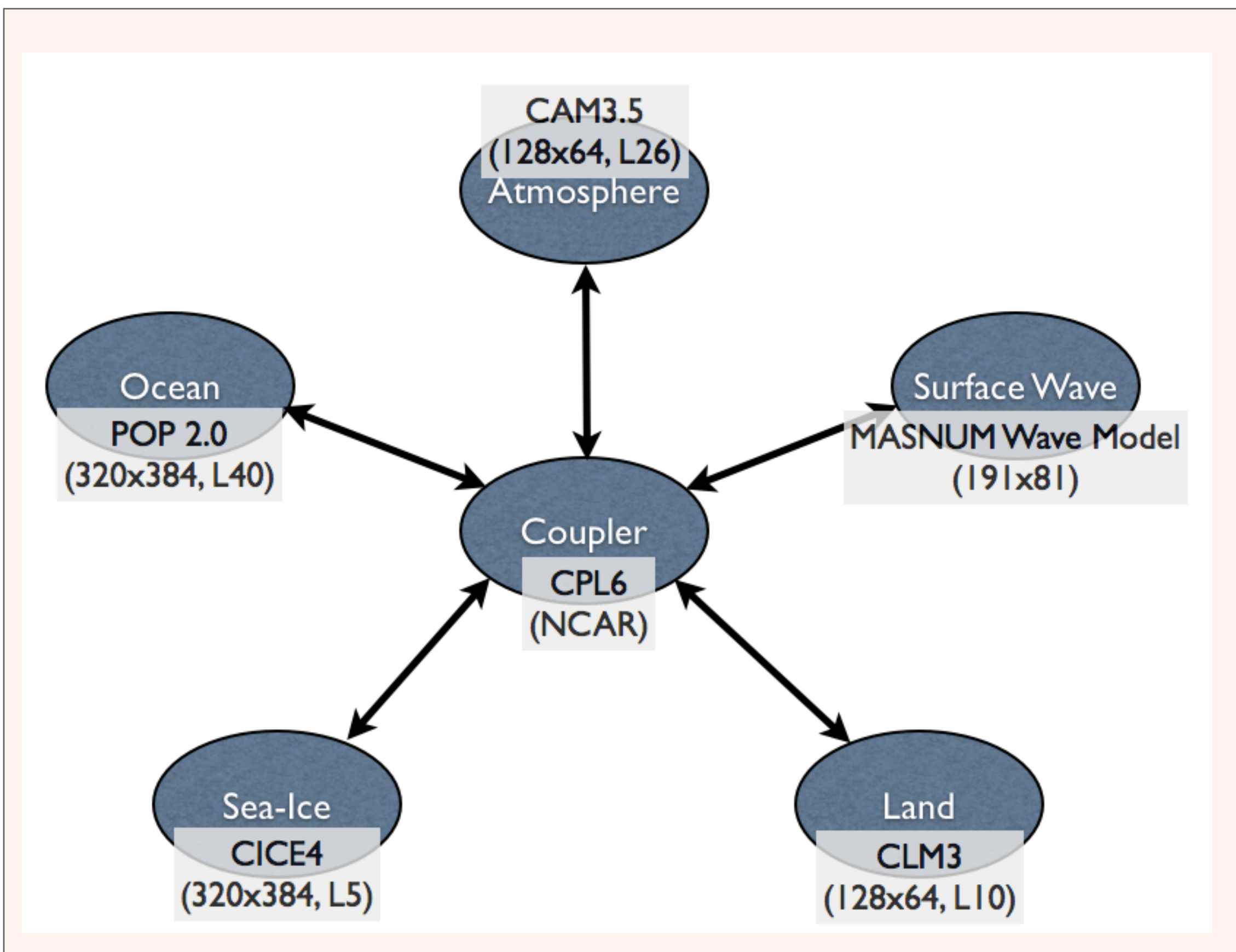
The establishment for the atmosphere-wave-ocean circulation coupled models

-----the preliminary results of FIO-ESM Version 1

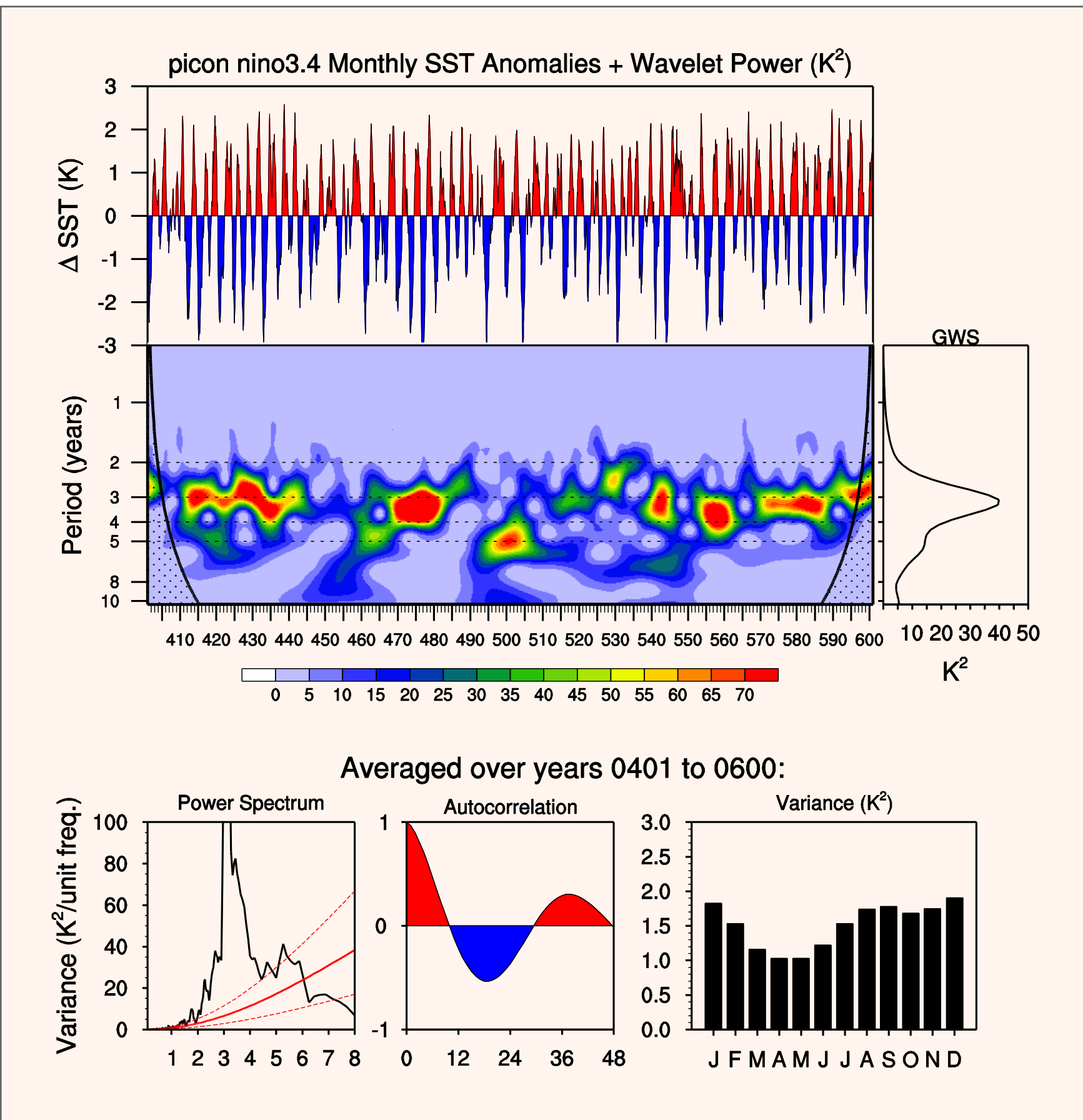
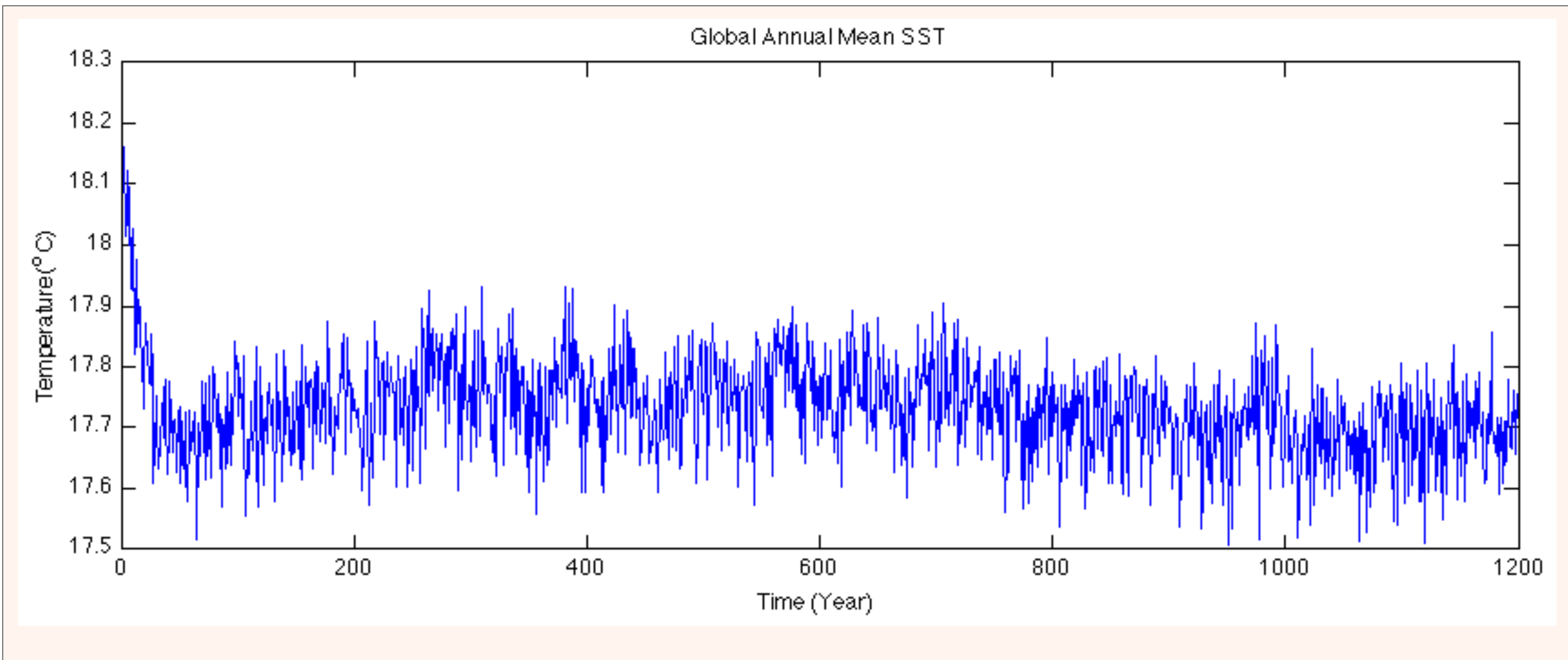


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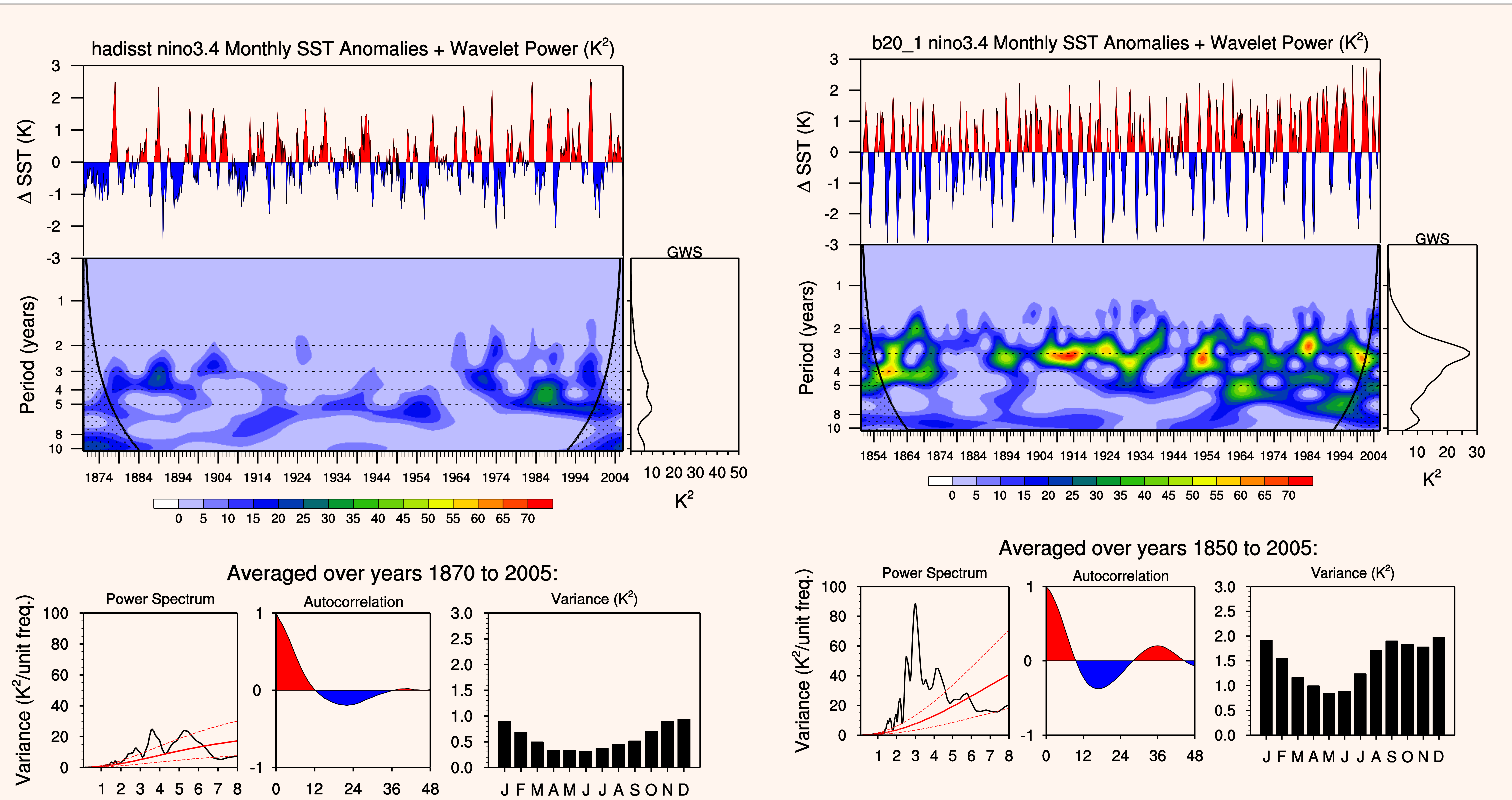
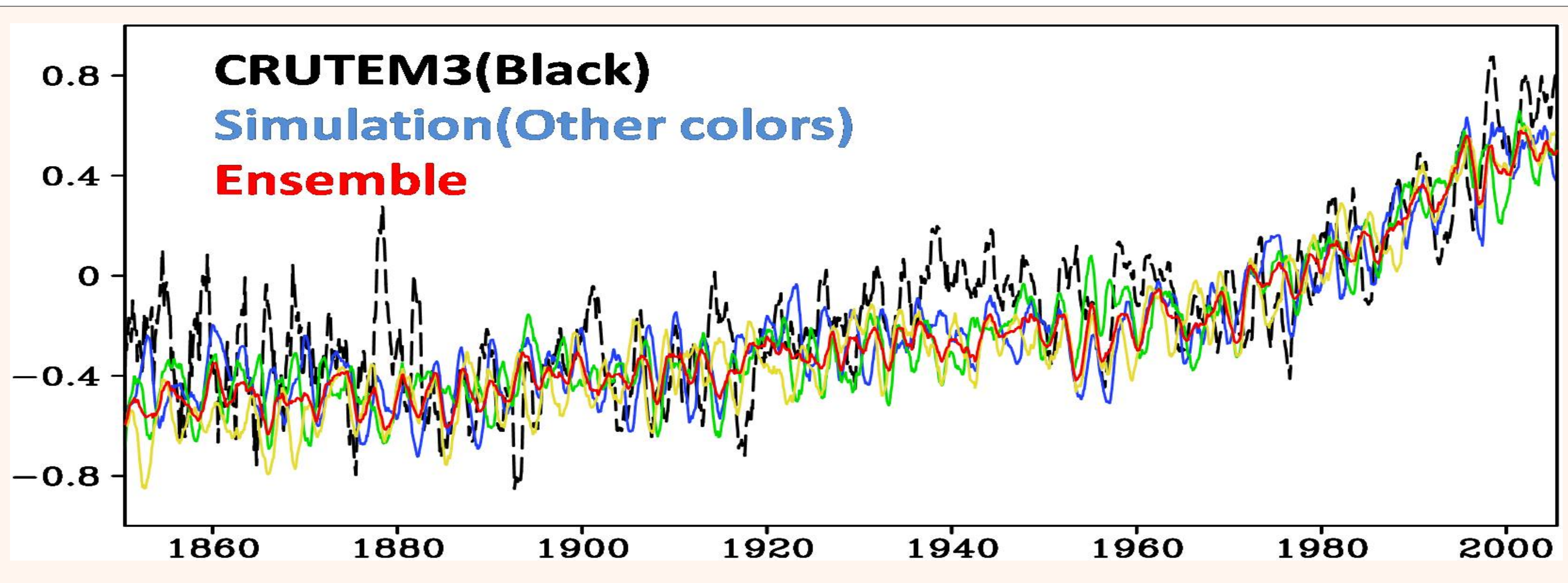
1.The Framework of the model



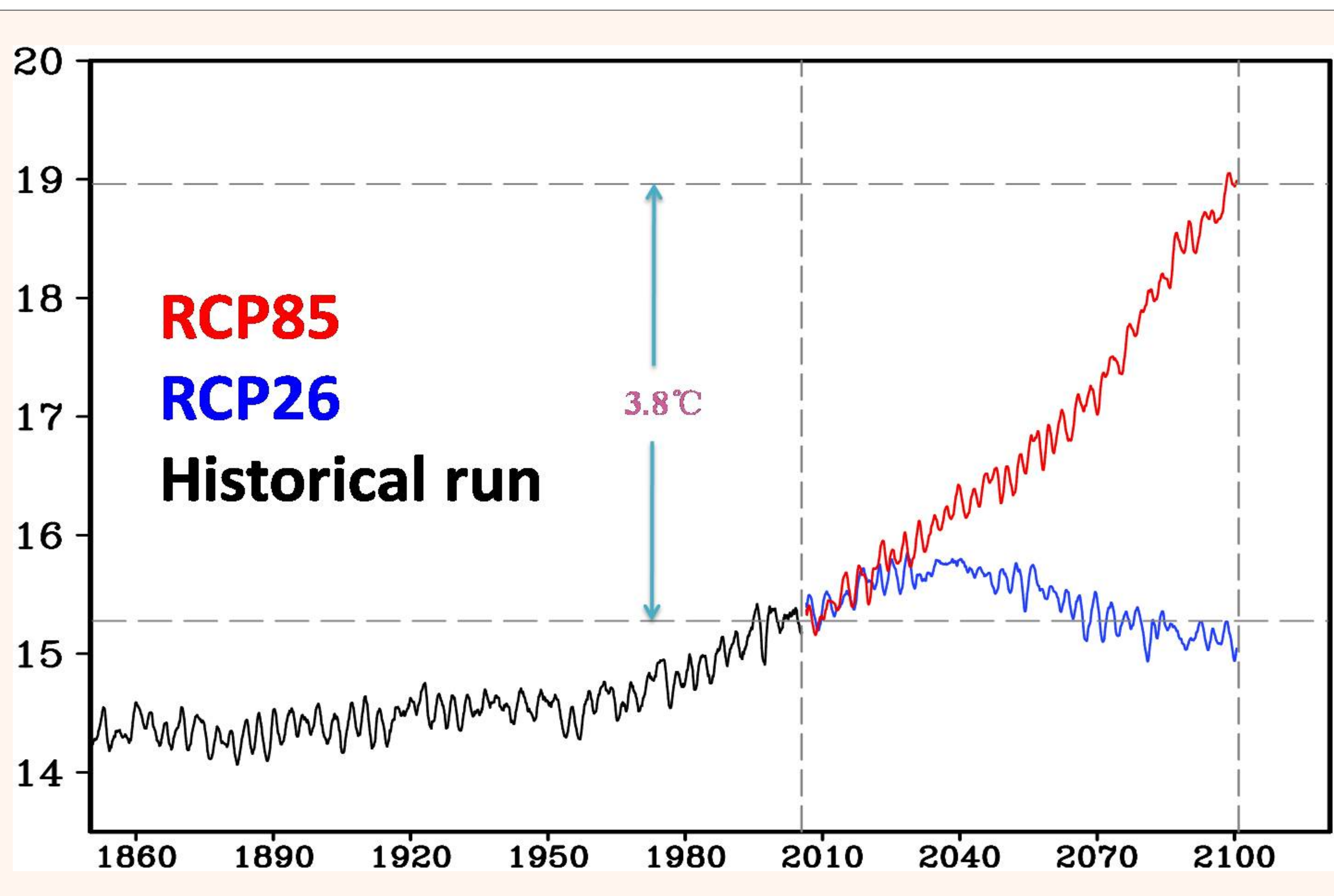
2. Pre-Industry Control Experiment Simulation



3.Historical Simulation



4.Future Simulation



5.Conclusions

- ◆Based on the wave-circulation coupled theory, wave-induced mixing, the atmosphere-wave-ocean circulation coupled model which named FIO-ESM is developed
- ◆It can simulation the basic mean state and ENSO
- ◆It will increase 3.8 degree at the end of 2100 under RCP8.5
- ◆It will submit to CMIP5 before the end of 2011

For further information
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