

## Development of climate modelling of the ice age cycle

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Fruitful data showing the ice age cycles are now available from the deep sea cores, ice cores and terrestrial proxy data. Simulation of ice age cycle has been challenged already but most of the models were very simple. Now with the aid of the supercomputers, it is attempted to use GCMs for ice age simulation and to understand the mechanism of ice age cycles. I would like to review the present state of our modelling.