

## Numerical weather simulation toward tera-computing

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Development of computational technology gives us a motivation to integrate a huge system of numerical weather simulation which is essential for weather forecast and research of climate prediction. In particular, parallel computing become conspicuous lately and technique of numerical simulation will be important. "Earth simulator" will sustain 40Tflops. Development of utilization of huge parallel computing is required.

Future issues for these development will be efficient parallel algorithm, increase of transport speed between main memories and treatment of huge amount of data.

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