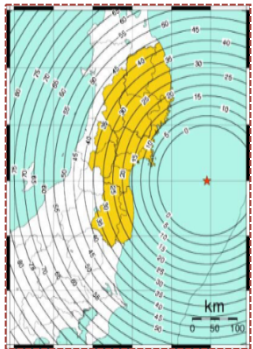


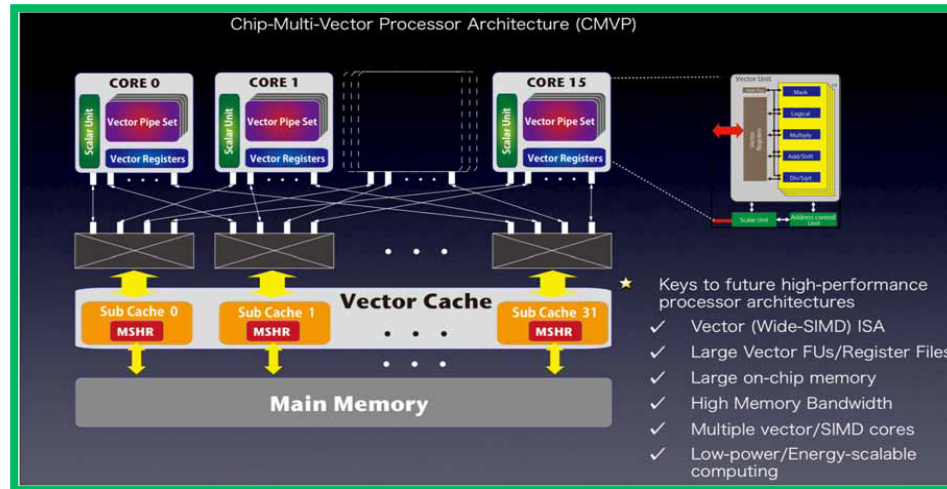
Development of real-time-sensing simulation servers for earth science, disaster prevention and hazard mitigation

Instant loading of initial conditions for the on-demand simulations

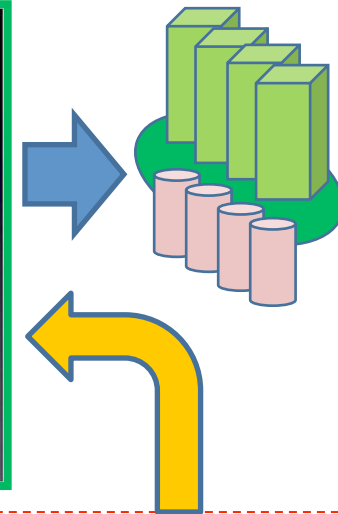


Disaster-resilient high performance computers

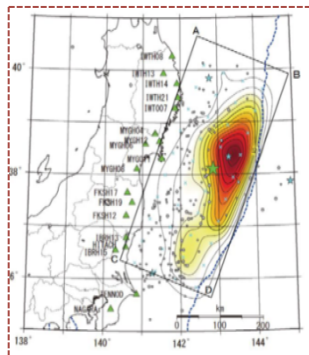
(New generation vector architecture computing systems with high-sustained memory band-width and low power consumption)



Resilient data-storage



Rapid start-up of forecast computing



Feedback of real-time-sensing information

Innovative technologies for electronic devices, compact installation and information storages

Targets of design :

1. Massively parallel vector processors for efficient fluid simulation
2. Low power and compact design for flexibility during disasters
3. Effective utilization of real-time-sensing information