Progress report of AIM/Impact [Country]

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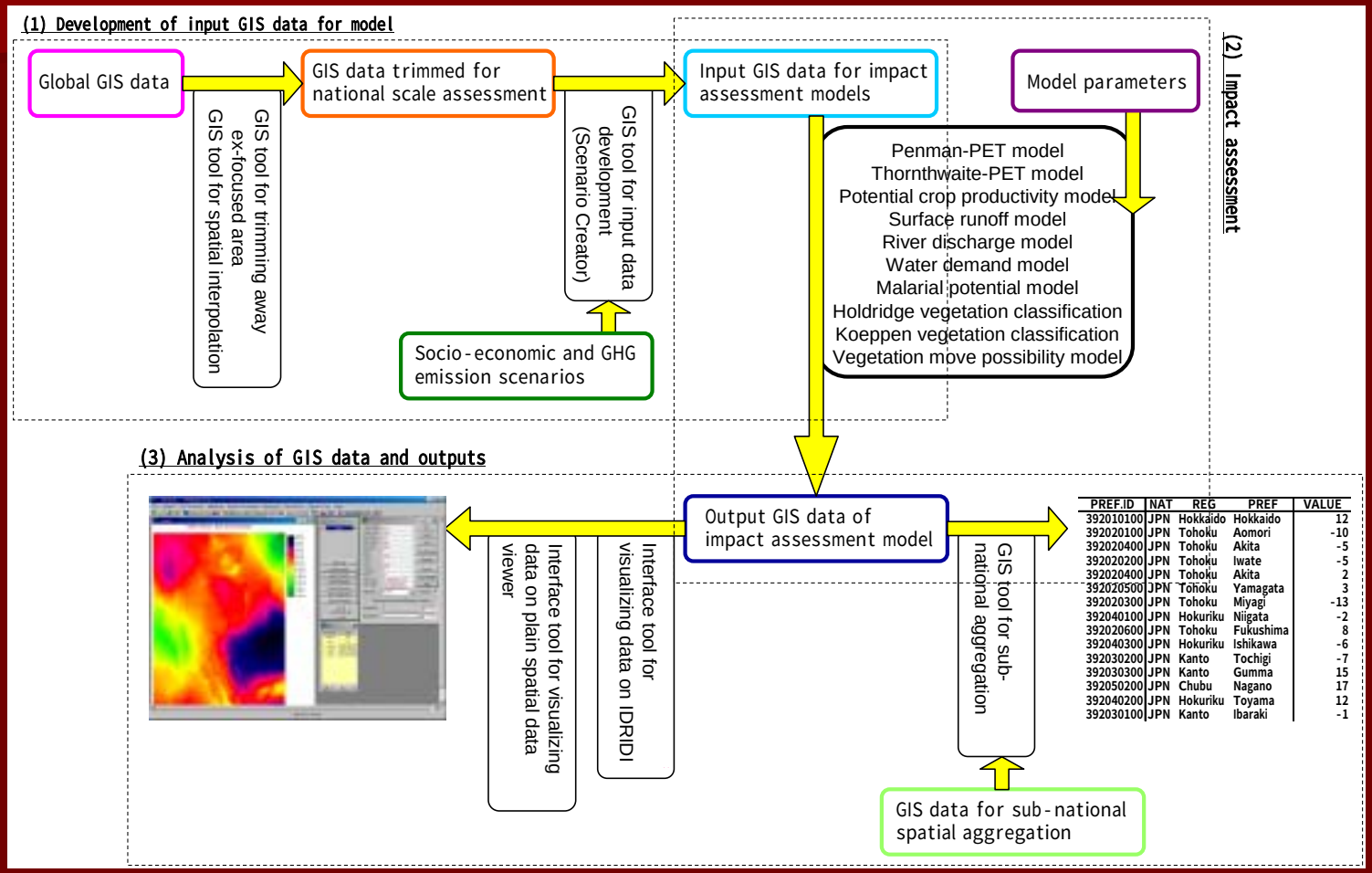
Items of today's presentation

- Framework of AIM/Impact [Country]
- Modules and data which have been developed
- Demonstration
- Development plan in FY2003

Objective of AIM/Impact [Country]

- Package of models, tools and data for scenario analysis of national-scale climate change impact assessment
- Executable on PC-Windows
- Bundled datasets for basic assessment
- Readily achievement of spatial analysis
- Detailed manual documents

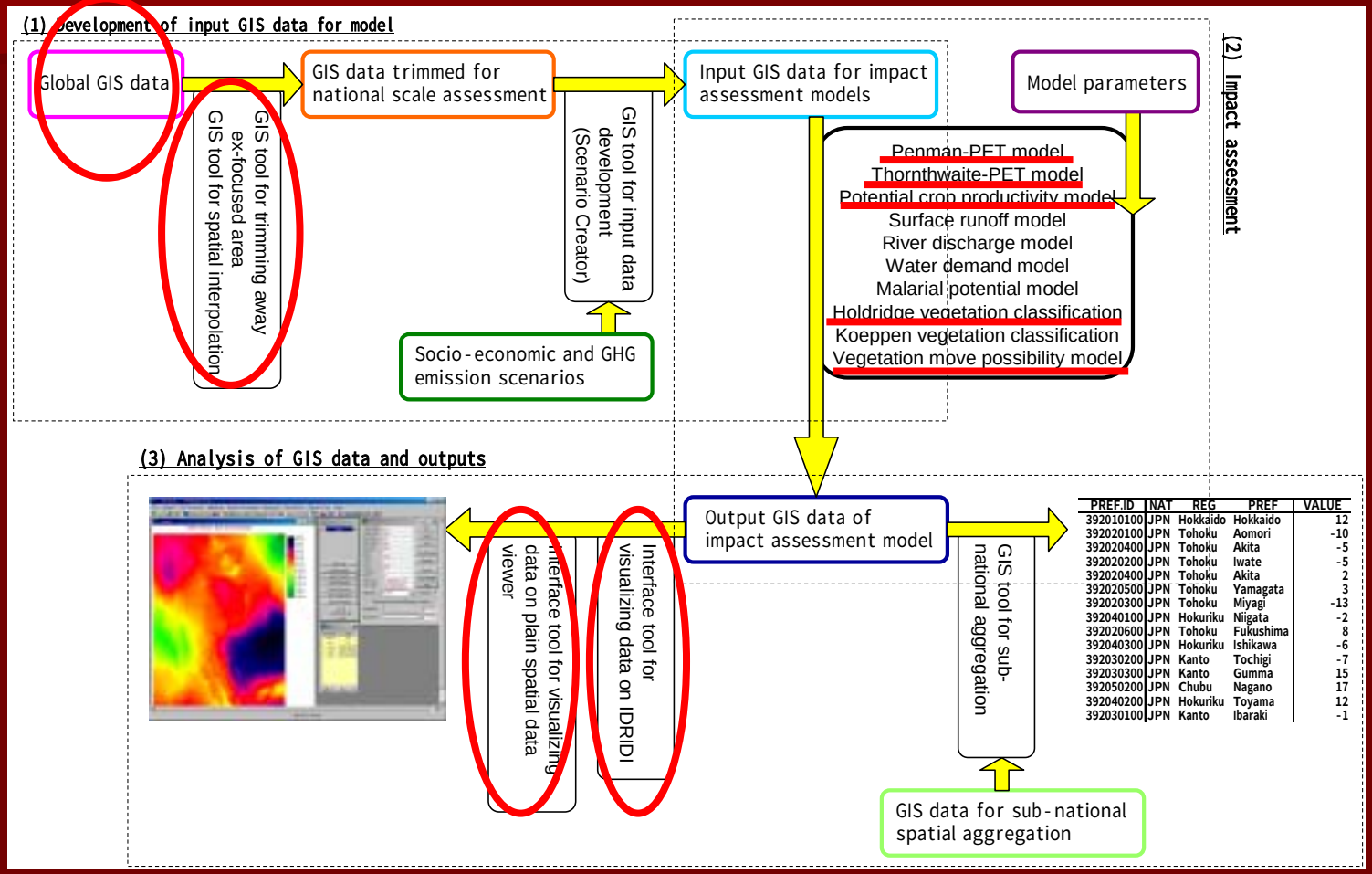
Framework of AIM/Impact [Country]



What has been done!

- Basic sub-routines
- Import commands
- Interpolation
- Potential evapotranspiration
- Vegetation classification/shift
- Crop productivity
- Simple tool for visualizing spatial data
- Graphical User Interfaces

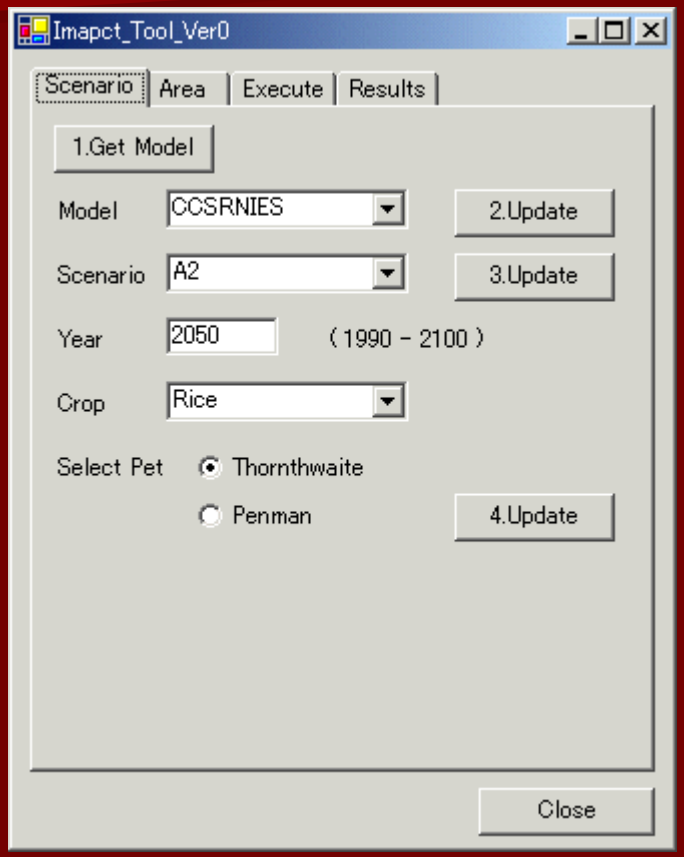
Framework of AIM/Impact [Country]

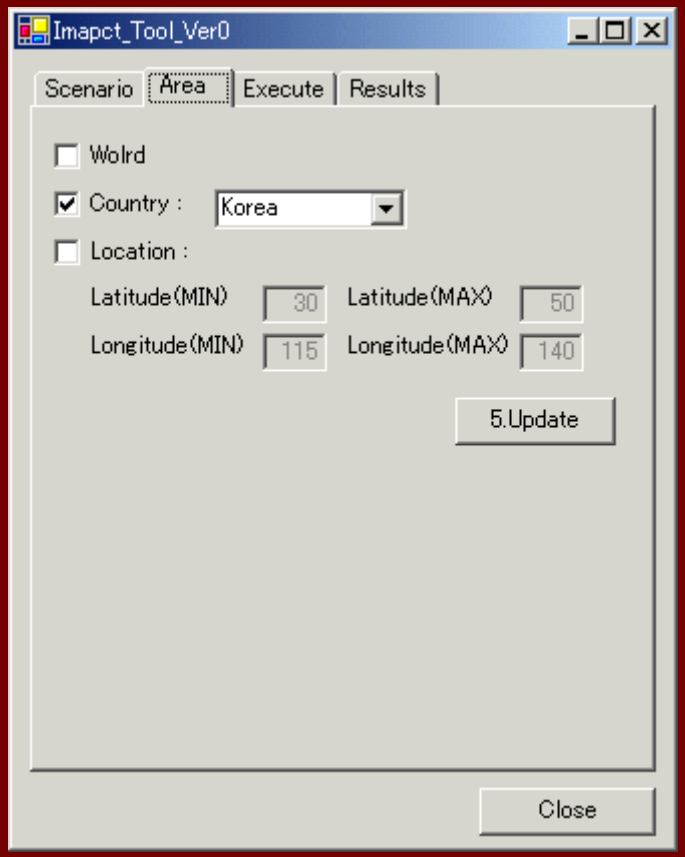


Demonstration

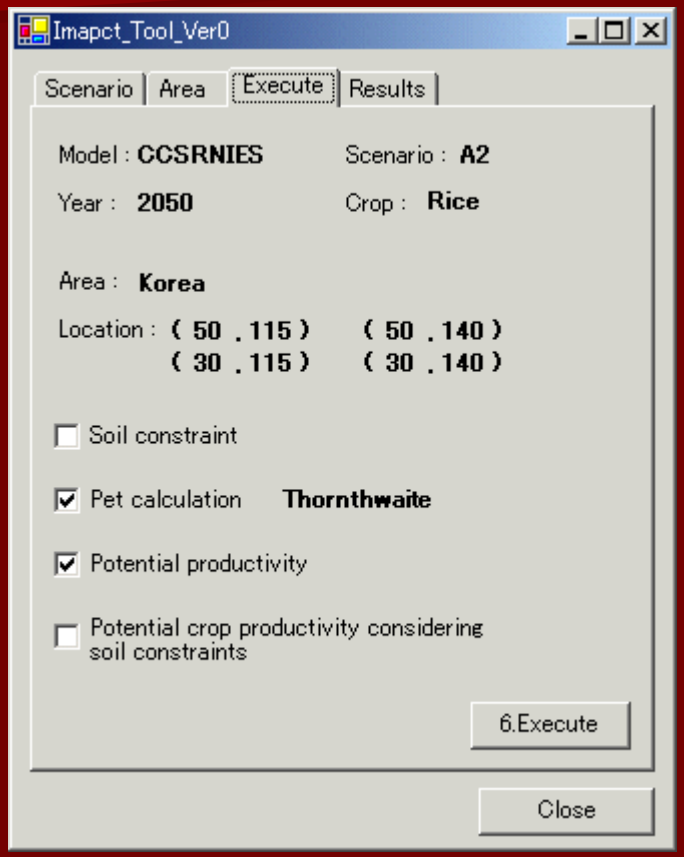
- Estimation of crop potential productivity in Korea with the graphical user interface

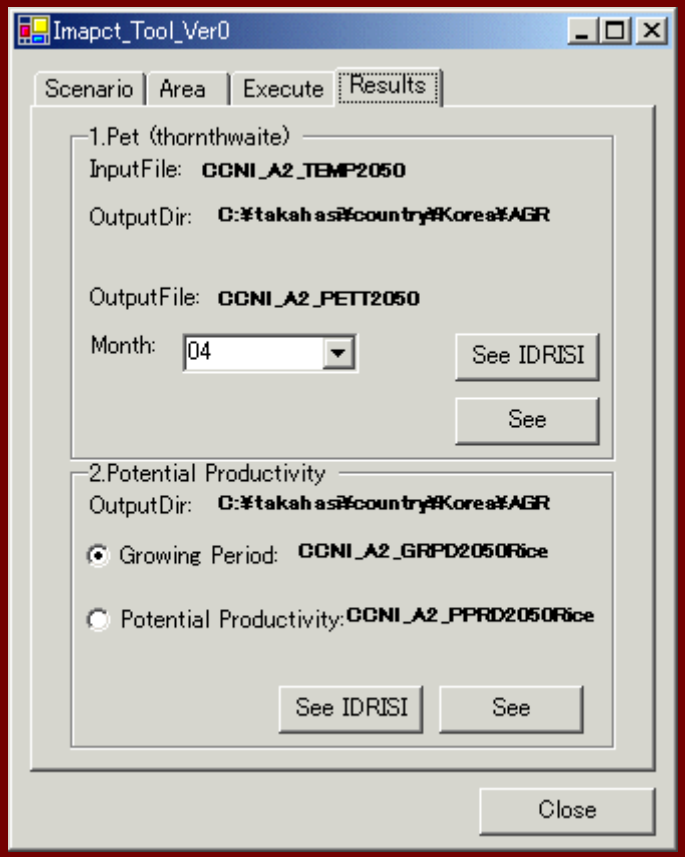
Choose scenario and region





Execute simulation and display results





Visualization of simulation results

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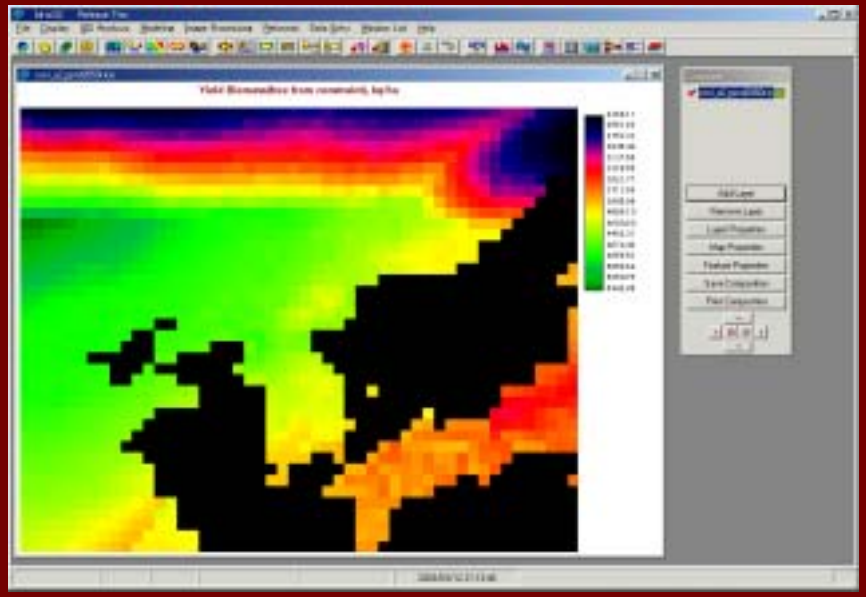
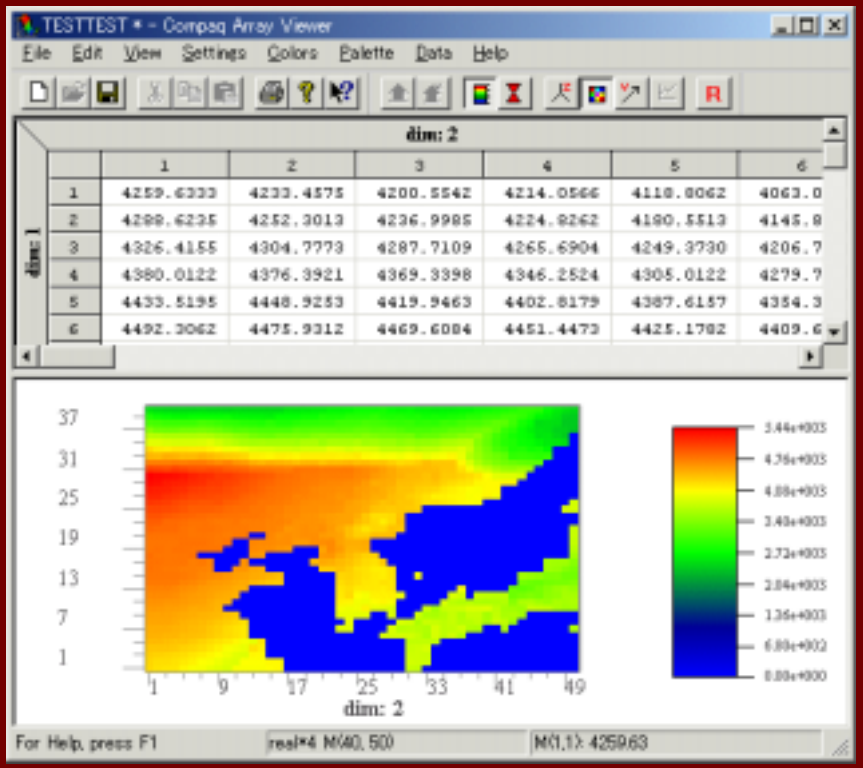


PLAIN VIEWER



WEB of AIM/Impact [Country]

- http://www-iam.nies.go.jp/impact/country
- Release: The end of March

What will be distributed on the WEB very soon? (1)

- Tool commands
  - Data conversion/import command
  - Interpolation command
  - Region trim command
  - Spatial data viewer
- Model commands
  - Crop productivity model
  - Vegetation classification/shift model
  - Penman/Thornthwaite PET model

What will be distributed on the WEB very soon? (2)

- User interface
  - GUI for climate scenario preparation
  - GUI for crop productivity simulation
  - GUI for vegetation classification/shift simulation
- Data
  - Observed climate (Baseline)
    - LINK-CRU dataset distributed at IPCC-DDC
  - GCM projection
    - IS92a simulations
    - SRES simulations
  - Soil (for crop productivity model)
    - FAO/UNESCO Soil map of the world

What will be distributed on the WEB in the next three months?

- Additional model commands
  - Runoff model
  - Water demand model
- Additional tool commands
  - Climate scenario creator (for pattern scaling)
  - Sub-national aggregator
- Manual documents
- Additional climate data
  - GCM results

Development schedule

- Ver 0.1 : March 2003
  - Release of Web site
  - Distribution of the completed commands
- Ver 0.5 : May 2003
  - Completion of the remained tasks
- Ver 1.0 : July 2003
  - Bug fix etc.
  - Distribution of CD-ROM

Thank you and see you on the Web!