

# Activities of Impact and Adaptation Studies in AIM

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**Asia-Pacific Integrated Model**

<http://www-iam.nies.go.jp/aim/index.html>



## • Past 20 years

### ✓ Global

- Development and application of sector impact models
  - Water resource, Crop productivity, Heat stress mortality, Heating and cooling energy demand, Suitable habitat for plants and animals, Labor productivity
- Economic analyses of climate impacts by linking climate impact models with CGE
- Development of impact emulators

### ✓ National

- Integrated analyses of climate impacts under the collaboration with sector-specific research teams in Japan and contribution to national climate risk assessment
- Advanced analyses of climate impacts and adaptation

## • Next 20 Years

- ✓ Further integrated scenario analyses considering inter-linkage among development, climate impacts, and climate policies
- ✓ Improved consideration of adaptation measures in impact analyses
- ✓ Enhanced analyses of socio-economic aspects of climate change impacts and adaptation including conflicts and migration