

# Crosscutting theme/Common Targets (1)

- **Trend/gap detection of changing environments**
  - ✓ Quantity/extremes, characteristics/cause/attribution
  - ✓ Hydro-meteorological and other variables
  - ✓ Share information and statistical tool
  - ✓ Integrate knowledge all over the monsoon Asia
- **Feasibility studies on seasonal prediction data**
  - ✓ Hindcast/forecast data from the APCC/MME
  - ✓ Assessing/evaluating current & potential values for social application in each region with downscaling
    - water resources management, reservoir, agriculture, ...

## Crosscutting theme/Common Targets (2)

- **Exchange ideas, experiences, ...**
  - ✓ **Diagnosis: lows, vortexes, tropical cyclones, ...**
  - ✓ **Case studies: extraordinary storms and floods**
  - ➔ **Training seminar for operational staffs & students?**
- ➔ **To synthesize and submit a special scientific article to an international journal?**
  - ✓ **Long term trend all over monsoon Asia**
  - ✓ **Special issue on the application of seasonal forecasting information for society**

## Crosscutting theme/Common Targets (3)

- application is all right, but more basic research should be also relevant.
- Examine the role of dynamic downscaling in the seasonal forecast with quantifying uncertainties.
- Roadmap, due dates of jobs to be done.
- Set the final target: journal paper, datasets, ...
- Fully utilize GAME datasets.
- Sub-project “regional re-analysis” (over land)

 ✓ run LSMs-HMs by long-term “forcing data”

<http://game-t.nrct.go.th/GAME-T/>



For successes of  
research projects

Social  
Expectation

Funding  
Support

Let's  
Challenge  
to the Focal  
Point!!

Personal  
Enthusiasm

Continuous  
Dedication

Honorable  
Reputation

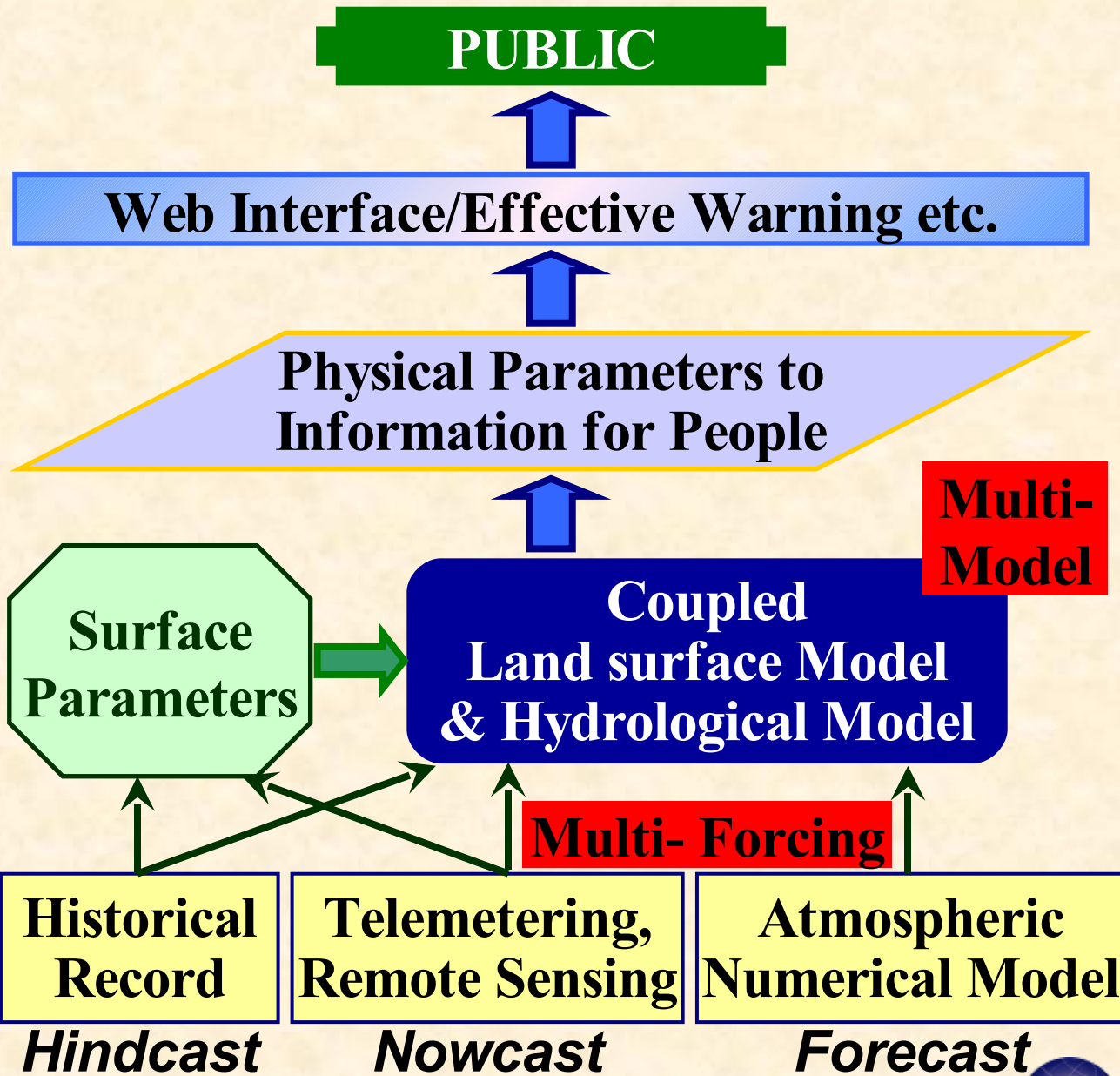
Scientific  
Significance

Disaster Potential,  
Information for  
Decision making, ...

River discharge,  
soil moisture,  
ground water  
recharge, ....

Soil properties,  
vegetation index,  
human factors, ...

precipitation,  
temperature,  
radiation, wind,  
humidity, ...







<http://hydro.iis.u-tokyo.ac.jp/GAME-T/>



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