



UNESCO-IAHS Sixth Kovacs Colloquium, Paris, 13-15, June 2002

**Humid Tropics Hydrology
And
Water Management**

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!!First Impression!!

The theme is different with other themes: It seems to me that other themes are supported by a quite number of **research projects** and this themes are presented by the review of **two important conference/workshop**.

Some Comments on This Topic



Comments on
Achievements



Comments on
Future Research

Comments on Achievements (1)

➤ This is a very **important topic**, because **deforestation** is a very serious problem facing to us today, especially at humid tropic regions; **Water** crisis is also a critical problem, not only quantity, but quality; not only drought, but also flooding;



Comments on Achievements (2)

- These two conferences have promoted the development of humid hydrology, as well as forest hydrology and with the development of these sciences, the funding projects on these fields have also been increased on the global scales;

Comments on Achievements (3)

- The deeper understanding of humid forest hydrology will supply better tool for water management in the region;

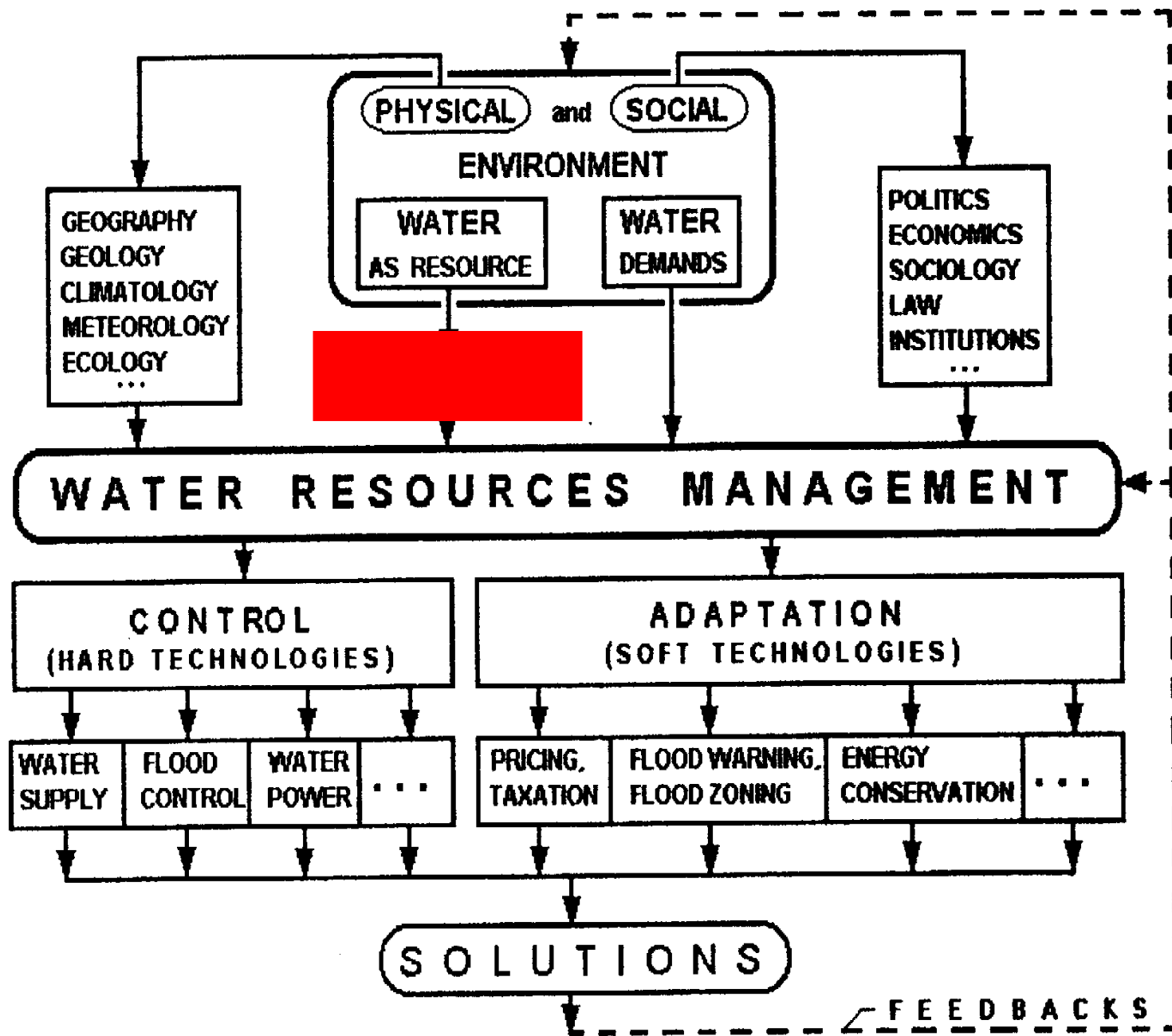


FIG. 2. Schematic Relationship between Water Resources Management and its Inputs and Outputs

Comments on Achievements (4)

- A great attention has been paid to the **gaps** between scientists and politicians, between scientists and society, between political leaders and the private sector/industries, and between scientists and private sector/industries;
- Panama and Malaysia are **typical humid regions** and two research centers have been built under leadership of UNESCO;

Comments on Achievements (5)

- The important **environmental problems** we are facing today, such as climatic change, land use/land cover change, water quality, water management etc. are all included;
- Water quality is addressed;
- Groundwater is also be paid attention;
- **Ecohydrology**--The interaction between hydrology and ecology;



Comments on Achievements (6)

- This theme has made great progress in IHP V and has a bright future in IHP VI.



Comments on Achievements (7)

➤ There are a quite number of sub-themes at IHP-VI are still related to this topic, such as 3.4 “Small island and coastal zones”, 4.4 “Human security in water-related disasters and degrading environments”, and 1.3 “Integrated assessment of water resources in the content of global land-based activities and climate change”, as well as the cross cutting programs, FRIEND, HELP.



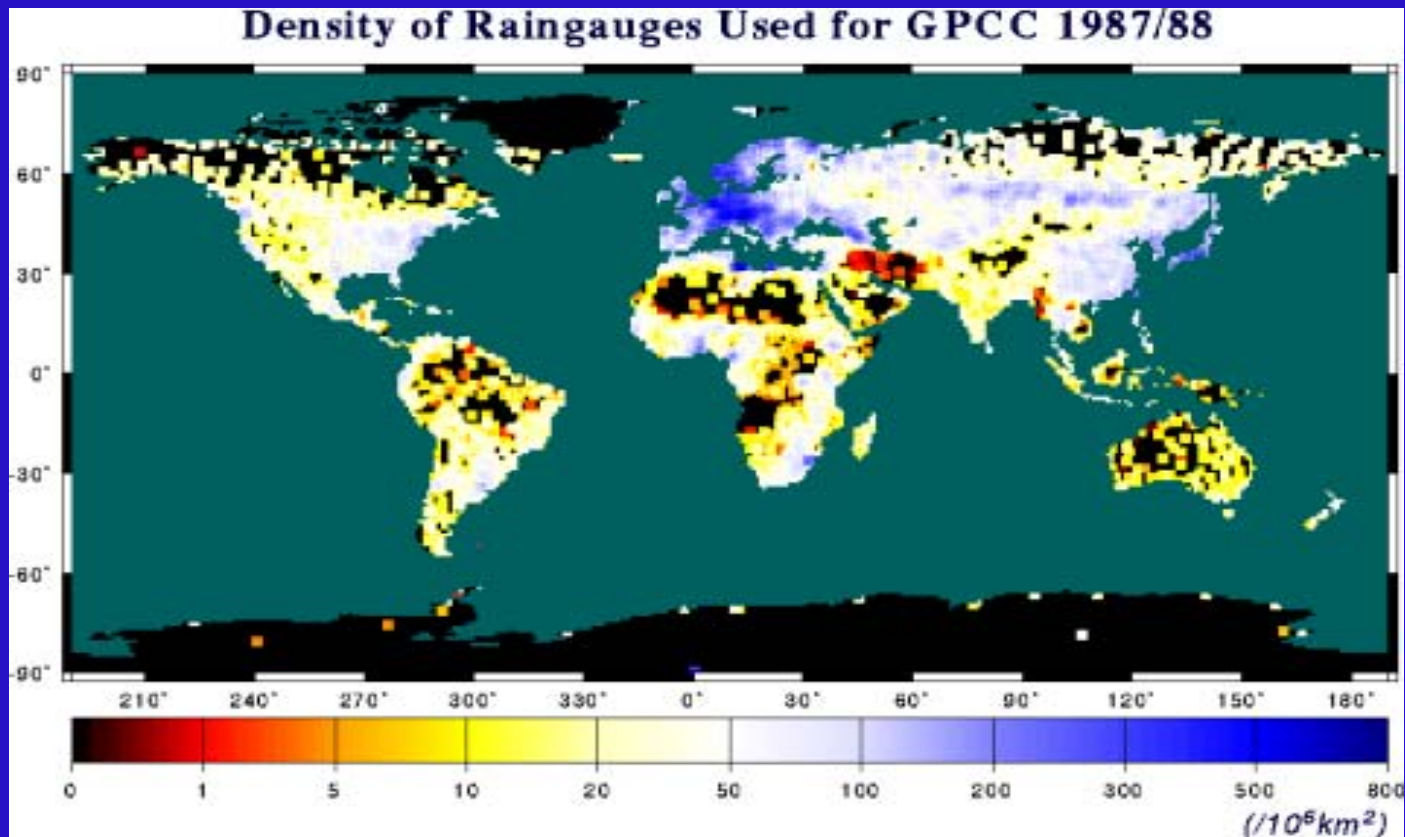
Comments on Future Research (1)

- Two conferences reviews are difficult to give a full pictures of humid hydrology.



Comments on Future Research (2)

- There **no enough data** in this region



Comments on Future Research (3)

➤ Many countries in humid tropic regions are **developing countries** and no enough funding produces a lot of problems, such as:

- Research project
- Instruments
- Meeting attendance
- Balance development and environment
- Professional persons
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Comments on Future Research (4)

- Current research results are done at a specific location. This includes:
 - To synthesis these results;
 - To compare the common and different features among different locations;
 - Scaling problem
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Comments on Future Research (5)

- Training and education, including co-operation between developed and developing countries, including training professional persons in developing countries; water education etc.



Comments on Future Research (6)

- Too much high priorities!!



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Thank you!