



World Water Congress XV

International Water Resources Association (IWRA)
Edinburgh, Scotland. 25 - 29 May 2015

basin is closed?



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International Development Research Centre

Centre de recherches pour le développement international

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Some facts

- Many of the world's river basins are “closed” or “are closing”
- Basin closure means scarcity and more frequent water crises
- As basin close water management become more complex
- Water conservation in closed basins means water re-allocation or re-appropriation
- Water pollution and competition for water is high-leading conflicts
- In closed basins the development of infrastructure often outstrips available water resources.
- River basin management needs political reform and a committed to a more open, accountable, and inclusive governance.

What we need ?

- New management approaches to develop new policies

What research to cope with these challenges?

What research is needed so?

- Impact assessment
- Cost-beneficiaries analysis
- Risk management plans
- Strong multistakeholder participation

New management approaches in Open basins

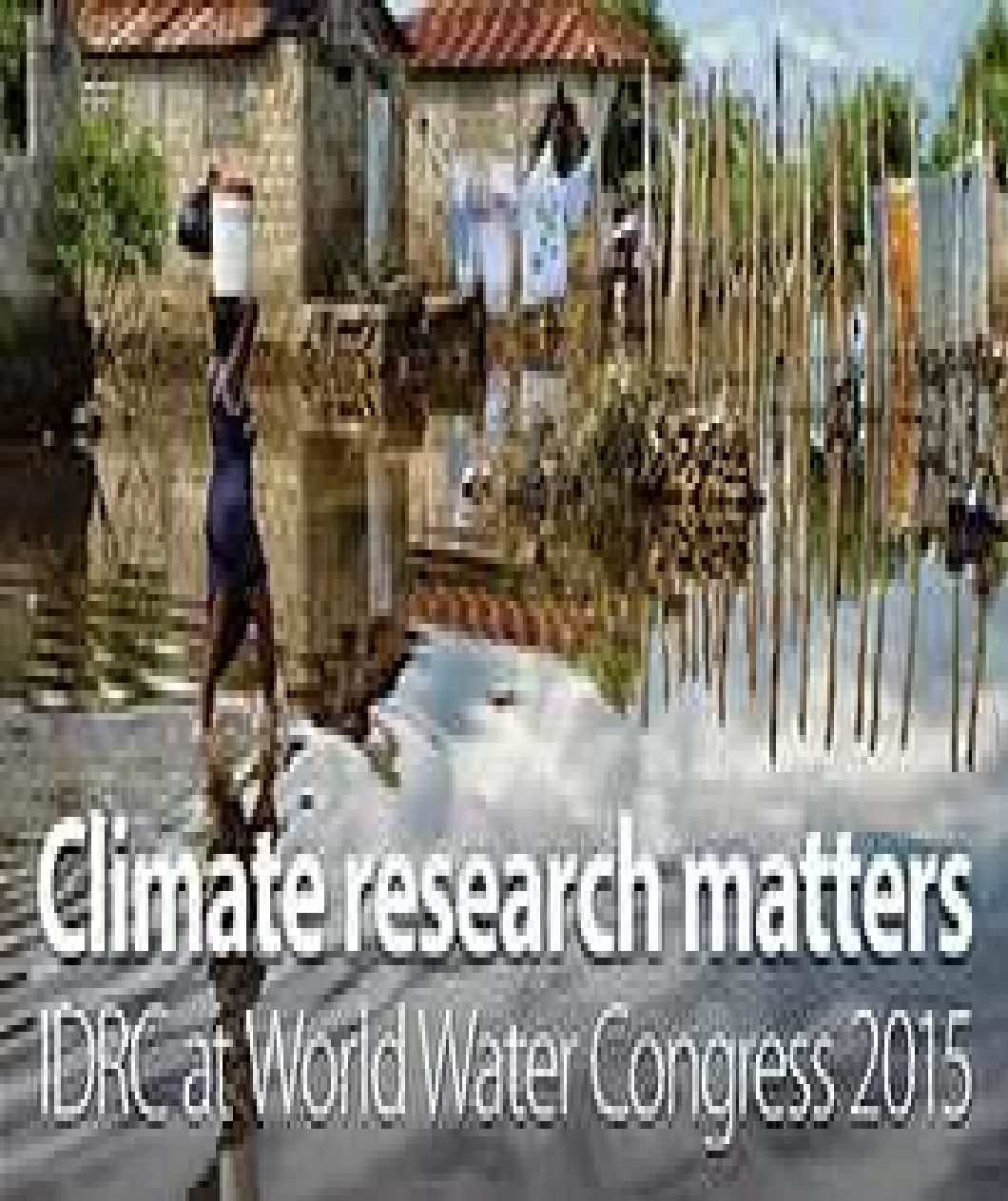
- Avoid past mistakes made in other basins
- Seriously scrutinize proposed infrastructure projects
- Create a three-tiered allocation system.

New management approaches in closed basins

- Do more with the water there is.
- Create a three-tiered water allocation system
- Considers alternative basin governance models
- Recognize that not all problems can be solved at the river basins level.

New Policies in Closed Basins

- Need to consider the interconnectivity of social, political and hydrological aspects within the basins.



**Special Session
Climate change and
water challenges:
solutions from the
developing world**

Wednesday

10:30 - 18:15

Cromdale Hall

Thank you !!

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