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### SLIDES: Politics of Interstate Water Cooperation and Conflicts: The Case of Krishna River, India

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## Politics of Interstate Water Cooperation and Conflicts: The case of Krishna river, India

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## Overview

- The argument
- Coping with scarcity: Interbasin transfers and interlinking of rivers
  - Are we prepared: politics, policies, practices?
- Interstate water disputes
- The case of Krishna river dispute
  - Telugu Ganga
- Lessons



## The argument

Close convergence of substantive water politics and democratic politics is a challenging reality for forging federal cooperation in multiparty federal democracies like India.



## **Coping with Scarcity**

Setting the context: Drought in 2016

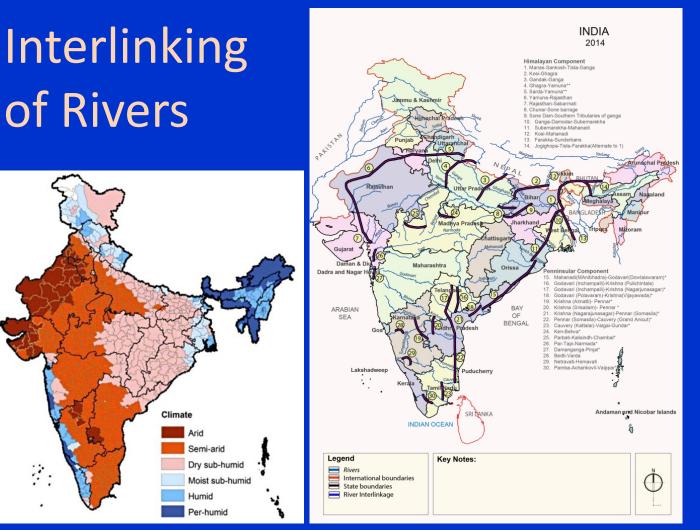


Source: gstv.in

Source: mapsofindia.com

## **Coping with Scarcity**

- Interbasin transfer from surplus basins to deficit basins
- India's major rivers are transboundary, more than 20 river basins are spread across multiple states' territories – require interstate cooperation
- Changing hydrological regimes increase propensity of interstate water disputes
- India already has eight formally recognized river water disputes (adjudicated/to be adjudicated)
- How effective have these been, are we prepared?



Source: Current Science

Source: NWDA, regenerated and adapted



### Laws Interstate Water (River) Disputes Act 1956 River Boards Act 1956

### Interstate Cooperation Not a single river boards under the act so far!

### Interstate water dispute resolution

Supreme Court's jurisdiction barred; Exclusive and independent tribunals adjudicates disputes

- Postcolonical condition:
  - 'the curious case of exception'
  - Water, a state subject
  - Historical prejudices vs entitlements
- Reorganization of boundaries and reterritorialization (14 states in 1956 to 29 in 2014)
- De-historicized policies and degenerated practices: Extended litigations, adversarial proceedings, long delays (e.g., Ravi-Beas – 29+; Cauvery – 17 years; Krishna – 10+years)

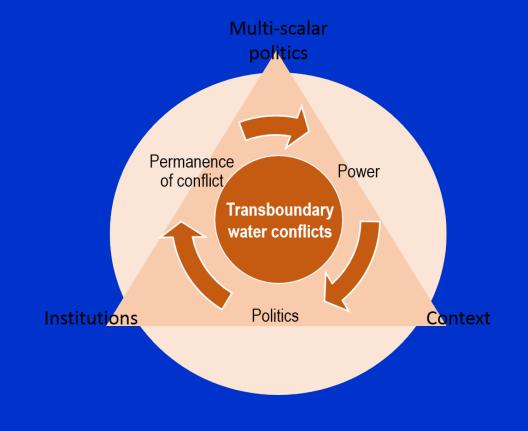
### Problems

Constitutional ambiguities, Non-Compliance of awards by states, Policy paralysis, Institutional vacuum, <u>Politicization of disputes</u>

## Transboundary Water Conflicts

- Interstate water disputes are transboundary water conflicts
- Literature identifies three sets of factors contributing to transboundary water cooperation:
  - Political relations
  - Context (geographical, historical, social and ecological)
  - Institutions

(Wolf 1998, 1999a, 199b, 2003; Wolf, Yoffe and Giordano; 2003; Giordano, Giordano and Wolf 2003; Giordano and Wolf 2003; De Stefano, Edwards, De Silva and Wolf 2010 – OSU's TBDD based writings)

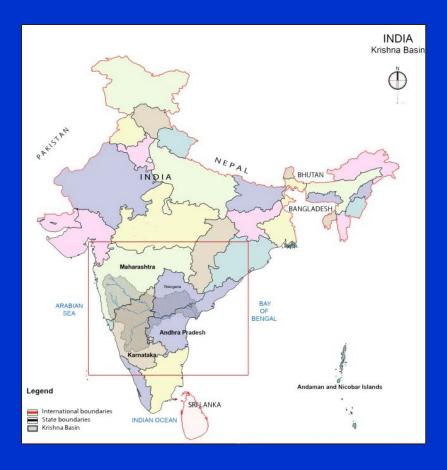


Source: Chokkakula, 2015



# Krishna

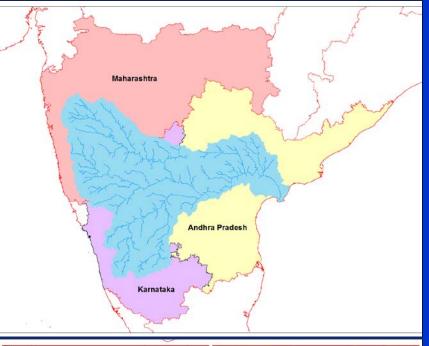
## Maharashtra-Karnataka-Andhra Pradesh- Telangana (now)

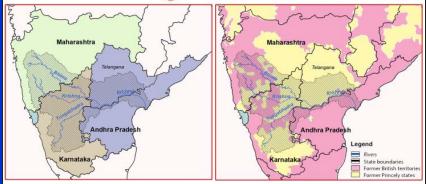


Source: Chokkakula 2015

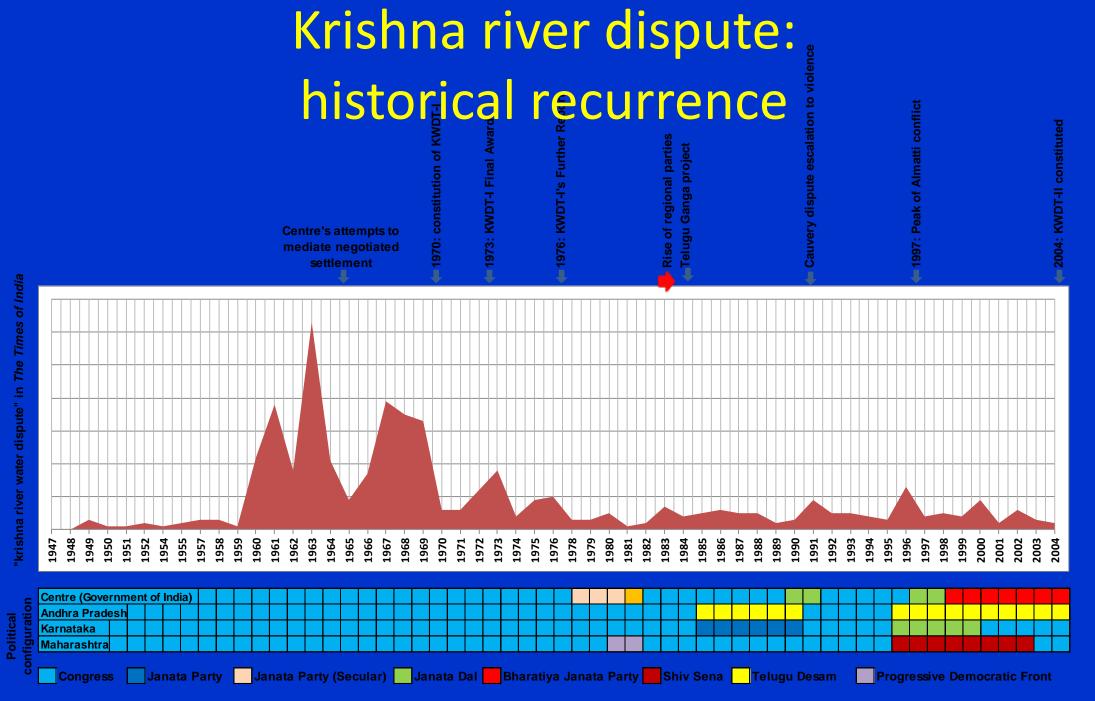
## Krishna river dispute: the setting

- Krishna river flows through three states: Maharashtra, Karnataka and Andhra Pradesh (now Telangana and Andhra Pradesh), with histories of agonizing reorganization of boundaries
- First dispute to have two tribunals adjudicating, first (KWDT-I) in 1970s and second in 2000s (KWDT-II)
- KWDT-II constituted in 2004, gave final award in 2013; to adjudicate new dispute due to Telangana state creation.





Source: Chokkakula 2015



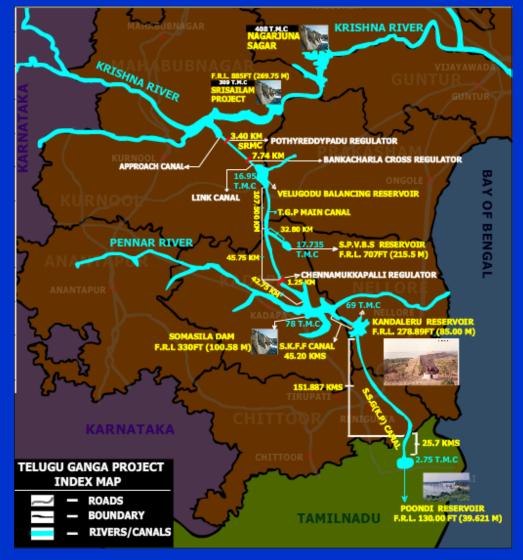
Source: Chokkakula 2015

## Telugu Ganga

## The narrative:

Celebrated as finest instance of interstate water cooperation and federalism (Sampathkumar 2005, Ramadevi and Nikku 2008, Iyer 2009)

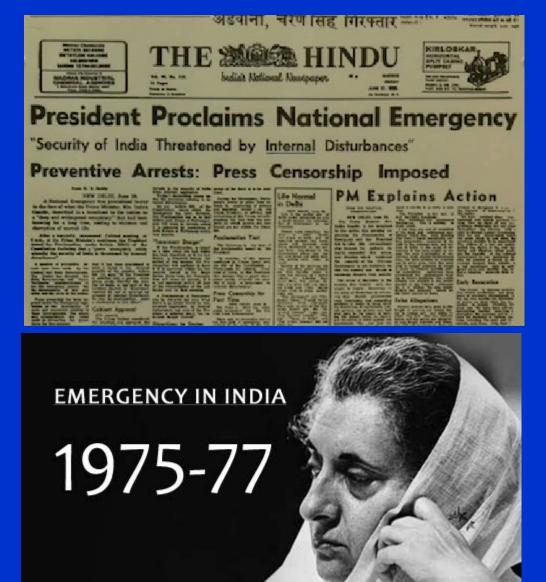
The three riparian states agreed to contribute water from their shares (each 5 TMC) for the water scarce Chennai city drinking water requirements in Tamil Nadu, a non-riparian state.



Source: http://irrigation.cgg.gov.in

## The inglorious irony

- Then Prime Minister, Mrs Indira Gandhi's stealth political maneuver during Emergency (1975-77) led to a concurrence of three riparian states for allocating 15 TMC to Madras from Krishna rivers.
- The popularly elected DMK government opposed the Emergency; an effort to appease Tamil people.
- Revived an old idea of transferring Krishna waters to Chennai (then Madras city).
- KWDT-I incorporated this agreement in its award.
- Remained dormant after the Emergency ended



## The paradoxical revival

- Revived as a means to counter Indira with the rise of regionalism, end of single party dominance in 1980s
- N T Ramarao of AP revived the project with dual agenda
  - as a conduit to consolidate a coalition and counter Congress dominance, the Southern Council with support of non-congress governments in Karnataka and Tamil Nadu
  - Also to extend irrigation to his own constituency, a water scarce region in Southern AP: shifted offtake point by 175 km, constructed canal of 11,500 cusecs (instead of 1500 cusecs) to provide irrigation to areas up to the offtake point.



Source: http://media.radiosai.org

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## The persisting politics

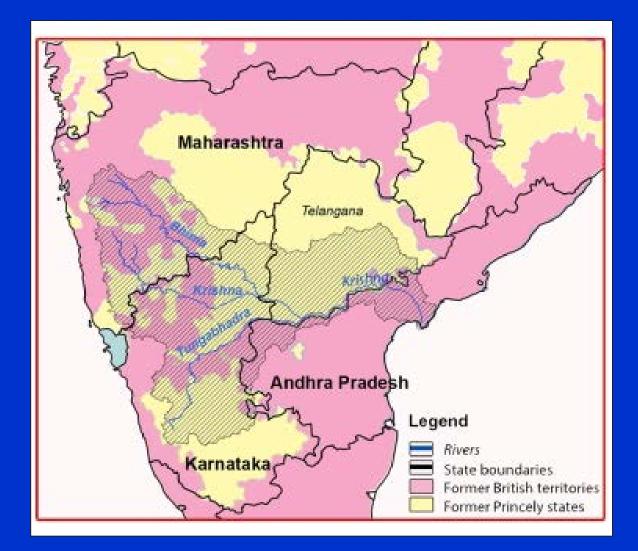
- Post the coalition, the project remained a source of tensions between riparian states
- Karnataka objected to the enhanced capacity of the canal, accused AP of intent to claim rights over surplus waters (allocated to AP without rights by KWDT-I), litigating before Supreme Court till KWDT-II set up.
- Remained a key issue of contestation before KWDT-II





## The persisting politics

- Andhra Pradesh was bifurcated into two states of Telangana and Andhra Pradesh in 2014.
- Telangana demands readjudication the entire dispute afresh.
- Litigations continue in the Supreme Court as well as KWDT-II.





## Lessons

- Interstate water cooperation/ disputes resolution in India suffers from constitutional and legal ambiguities, institutional vacuum, politicization
- Increasing nexus between substantive water politics and democratic politics – an increasing reality in multiparty democracies like India.
- Interstate water cooperation/disputes resolution is a permanent process, highly contingent to politics. The challenge is to create right kind of policies, practices and institutions for channelizing the politics for progressive outcomes.