

**Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)
Government of Karnataka**

MONTHLY REPORT ON KJA ACTIVITIES – MAY 2018

A. MAJOR HIGHLIGHTS

- Chairman, KJA had a meeting (May 14, 2018) with Prof. Mihir Shah, Chair, TG-KSWP and Sri. S. V. Ranganath, IAS(R), Co-chair, TG-KSWP to discuss on the status of the Task group of Karnataka State Water Policy (KSWP). Chairman, KJA directed both Chair and Co-chair to expedite the work of TG and complete the report of KSWP by June, 2018. Also, Chairman suggested to have a presentation of the recommendation of water policy to the newly formed Government.

B. KJA TASK GROUP ACTIVITIES

- **KJA Task Group on Karnataka State Water Policy (TG-KSWP):**
 - The TG-KSWP had its 5th meeting on May 15, 2018 under the Chairmanship of Prof. Mihir Shah and Co-chaired by Sri. S. V. Ranganath. TG discussed on the draft recommendations presented by the SG-Agriculture and PIM, Legal Aspects, Rural Domestic water and Classification of Karnataka from water policy point of view. Chair and Co-chair of TG also discussed on the need for quickly completing the Karnataka State Water Policy report – thus requesting concrete inputs/drafts from each Sub Groups and any operational governance arrangements required to be recommended.
- The various SG of TG-KSWP also met and below are highlights:
 - SG 2: Review of/Learnings from GoK Programmes Relating to Water had its second meeting on 4 May, 2018 under the lead of Sri. S V Ranganath, Vice Chair, KSHEC. The discussions and deliberations in the meeting were evaluation and assessments of various GoK Programmes related to Water done by ATREE. Further studies conducted by KEA of various GoK Programmes related to Water were circulated at the meeting.
 - SG 3: How best to Classify Karnataka from a Water Policy Point of View had its second meeting on May 4, 2018 under the lead of Sri. S V Ranganath. SG discussed on the consideration of river basins as management units and agro climatic variations within these river basins. Domestic water norms for water rich and poor regions and the variation of ground water level at different agro climatic zones were also deliberated.
 - SG 4: Agriculture and PIM (A & PIM) had its third meeting on May 2, 2018 under the lead of Sri. S. V. Ranganath. The meeting deliberated on the case study on doubling farmers' income through personalized agricultural extension- DATES project, Karnataka Micro Irrigation Policy and sustainability and development of water resources. Note on areas of concern by Dept. of Agriculture that have to be addressed and considered by SG4 was also discussed in detail.
 - SG 6: Urban and Industrial Water had its third meeting on May 10, 2018 under the lead of Prof. Mohan Kumar. SG deliberated about recommendations along with fundamental issues to be featured as recommendations for the TG-KSWP. Draft statement of recommendations was discussed.

- SG 9: Data Management session its fourth meeting on May 10, 2018 under the lead of Dr. Mukund Rao, MS, KJA to discuss on K-GIS assessment of Data Management Needs for water sector, demand-supply scenario and forecast about future requirement of water in Bengaluru city, KSNDMC assessment of data management needs for rainfall monitoring and draft data policy for TG-KSWP. SG has decided to make a note on "NextGen Weather Monitoring Network" – building upon the existing system in the state. Demonstration on real-time mapping of all the waterbodies/rivers/streams of any one district by taking high resolution or sentinel image and mobile application developed by K-GIS for collection of GW level data were elicited. Inputs on Village-level water demand analysis using K-GIS platform projected to 2025/2030/2050 was provided by the members of SG9. SG is working on making a modern telemetry based water management network – consisting of weather, GW levels, River flow measurement systems, infiltration measurement systems, evapotranspiration measurement systems and GW Aquifer mapping system – to be recommended for the state.
- SG 12: Legal Aspects had its second meeting on May 8, 2018 under the lead of Dr. M. K. Ramesh. SG discussed on the Legal regime, scope, extent and limitations on the exercise of legal subgroup. Further, SG discussed to examine the existing water legislation of the state, National water framework bill and model ground water bill and recommend the modifications required at state level.
- A meeting of Sri. S.V. Ranganath Lead, SG4 – A and PIM with Prof. Mukund Joshi, Co-Lead and Dr. Prakash, Member of SG4 was organized on May 9, 2018 to discuss on the zone wise interventions proposed for Agriculture and allied activities and also to arrive at specific recommendations pertaining to Groundwater. The meeting highlighted on the characteristics of Agro-Climatic zones of Karnataka and the issues relating to these zones and common to all districts of Karnataka. The meeting elaborated on the specific suggestions pertaining to boost the allied sectors of agriculture.
- One on One Meeting between Sri S.V Ranganath, Dr. Sharachchandra Lele and Dr. Vishwanath was held on May 18 and 24, 2018 to discuss on SG 11- Institutional reforms and Governance System. An understanding of the current working and institutional set up of WRDO and Neeravari Nigams of the state were captured out of the deliberations in the meeting.
- Lead SG 4- A & PIM had a meeting with Prof. Mukund Joshi, Dr. V. S. Prakash and Dr. Sharachchandra Lele on May 24, 2018 to discuss SG report particularly recommendations, specific action items, implementation mechanisms, case studies/best practices/success stories that are to be captured in the SG report. Recommendations on Micro Irrigation, tissue irrigation and ground water were drawn from the meeting.
- Sri. S.V. Ranganath, Co-chair, TG-KSWP held a meeting with Dr. V. S. Prakash and Ground water Department on May 31, 2018. GWD strengthening strategies were drawn for in the meeting.
- **KJA Task Group on Vision and Plan for Usage of Big Data in Governance**
 - One on One meeting (May 11, 2018) of TG-Big Data was held between Dr. Mukund Rao, Member Secretary, KJA; Dr. Pulak Ghosh, Co-Chair, TG-BD and Mr. Jayachandran, Member Secretary, TG-BD. It was discussed for a 2 pronged plan – one, for preparing a

report on how Big data would be useful for Governance for which a good Workshop can be organised; two, recommend specific pilot-projects in health/agriculture/water management/power etc and suggest for pilot implementation in State Budget proposal. TG is to have core group meeting with ACS, Health department - for health DSS; Secretary Agriculture – for Agriculture DSS; MD, BMTC for route planning and transport related activities.

- Member-Secretary, KJA chaired a meeting of S&T committee for selection of EOI for UAS Pilot projects. The EOI was floated by S&T Department and based on a systematic technical evaluation recommendations of technically suitable parties was made by the committee.

C. KJA SECRETARIAT ACTIVITIES

- KJA Secretariat continued the coordination for Task Group and sub-groups of TG-KSWP, TG-KCSV and TG-Big Data – in terms of convening meetings and coordinating activities with the Leads of sub-groups.
- KJA Secretariat met (May 3, 2018) CEO, Karnataka Evaluation Authority to brief on KJA-KSWP and invite to the SG-2 meeting.
- KJA Secretariat attended the meeting (May 21, 2018) organized by Principal Secretary, Department of Higher Education to discuss on the implementation of 371J.
- KJA secretariat had a meeting (May 29, 2018) with Prof. Balakrishnan, Chair, TG-KCSV. Inputs/suggestions on some of the issues relating to the activities of TG-KCSV were sought by the Chair of the TG.
- In the month of May, KJA Secretariat inducted Dr. Padmavathi as Senior Research Associate.



Dr. Mukund K. Rao
(Member-Secretary, KJA)

(Prepared by: Rachana with inputs from
Dr. Jayashri /Rashmi/Ashok – all of KJA Secretariat)
June 11, 2018

To,

- Chairman, KJA and All KJA Members

For information:

- Personal Secretary to Hon'ble Minister for HE – with a request to kindly bring to notice of Hon'ble Minister
- Chief Secretary, GoK
- Principal Secretary, HED, GoK
- Additional Chief Secretary, Department of Finance, GoK
- KJA TG-KSWP; TG-KCSV and TG-Big Data Members