

# future of the Coonoor River

- Background
- Surveyed 6 sources of the river – namely Hubbathalai, Selas-Kattery, Brookelands, Bandumai, Bandishola & Mainala/Jagathala.

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# Common Findings ~ for all sources

- Improper management of the stream
- Pollution at all levels
- Became a dump yard for many
- Supports lots of life forms along the stream
- Supports people & wildlife downstream

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Mainalai/Jakathala

Source 4 - 9.2kms

# COONOR VALLEY RIVER WALK

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Aravankadu

Source 5 - 5.18Kms

Bandumai Source 4

3.64 Kms upto Golf Course

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Aravankadu

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Forests Dale  
Source 1-5.68 Kms

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Ubatalai Source 2

2.61 Kms

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Katteri Junction

Source 6 - 5.13 kms

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| Parameters                                         | Description                                                    |
|----------------------------------------------------|----------------------------------------------------------------|
|                                                    | Nurseries                                                      |
| Time, weather conditions                           |                                                                |
| Name of the stream/Locality                        | Shrubs                                                         |
| GPS - GCP                                          | Ferns                                                          |
| Lat / Long                                         | Trees                                                          |
| Altitude                                           | Birds                                                          |
| District/taluk/village/ward                        | Butterflies                                                    |
| watershed code                                     | Amphibians                                                     |
| Area status (Pvt, RF, Revenue, CPR, any other)     | Aquatic plants                                                 |
| If water flow diverted from source/reduced         | Fishes, reptiles                                               |
| Any protection for stream                          | Grazing                                                        |
| Water Sample no.(test for potability wrt household | Mammals                                                        |
| Colour / Odour                                     | Anthropogenic Parameters                                       |
| Vegetation details                                 | Current status of usage -<br>People/Plantation/Others(specify) |
| Grasses                                            | Sources of pollution                                           |
| Tourism / recreational activities beside stream    |                                                                |
|                                                    | Type of water usage structures                                 |
| Cultural significance, if any                      | Land use around stream                                         |







# Sources contd...









# Sources contd....





# Sources contd....

## Bandishola source :Description

- Starts from the Yeddapalli swamp & cuts through the Euca plantations & runs through the Deep dale forest & tea estate.
- Issues
- It joins the golf ground at Gymkana area.
- Below there is lots of vegetable cultivation & nurseries.

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The water quality data from these sources are as follows:-

Water Samples from all the water sources of the Coonoor River

| Parameter | Sample         | pH (units) | Temperature | Fluoride | Dissolved oxygen | Residual chloride | Phosphorous | Nitrate | Iron | Hardness | Chloride | Ammonia | Turbidity (NTU) | Coliform |
|-----------|----------------|------------|-------------|----------|------------------|-------------------|-------------|---------|------|----------|----------|---------|-----------------|----------|
| Team I    | Source         | 5          | 18.5        | 0.6      |                  | no result         | no result   | 40      | 1    | 80       | >1000    | <1      | 10              | Y        |
|           | Drinking water | 5          | 18.5        | 0.6      |                  | no result         | no result   | 40      | 0.3  | 160      | >1000    | <1      | 10              | Y        |
|           | Out flow-Band  | 5          | 18.5        | 0.6      |                  | no result         | no result   | 10      | 0.3  | 160      | >1000    | <1      | 10              | Y        |
|           | Out flow-Gymk  | 5          | 18.5        | 0.6      |                  | no result         | no result   | 40      | 0.3  | 80       | >1000    | <1      | 10              | Y        |
| Team II   | Darlington     | 5          | 18.5        | 0.6      |                  | no result         | no result   | 10      | 0.3  | 80       | >1000    | <1      | 25              | Y        |
| Team III  | Kattery/selas  | 6          | 18.5        | 0.6      |                  | no result         | no result   | 40      | 1    | 80       | >1000    | <1      | 25              | Y        |

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## Selas / Kattery

- people accessing the stream for washing clothes, washing vegetables. Water use intense like sprinklers for tea, irrigation for floriculture units etc. A big swampland being converted into cultivable land.
- Lots of Carbbage dump into the selas stream near the town from residents & shops.
- Lots of open wells for drinking water as well as irrigation purpose.
- The stream near the laws falls is stinking due to all the sewage and outlets into the stream.

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- Aravankadu Source
- Cuts the Ooty main road near the needle industry. Water for vegetables & for cleaning the same. Many check dams – earthen bunds etc. Many wells supply water to hattis.
- Fruit bearing trees like peach, Pear besides the stream. Stream becomes filthy when coming out the settlement.
- Stream enters the Cordite Factory area and comes out with an uneasy odour which flows on towards Ottupattarai area. Many residents – add to the filth which comes out Brindavan school and joins the main stream besides the main road.

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- Bandumai source
- Flows into the reserved forest below DSSC & than joins the Gymkana ground area & flows through the town area crossing Vannarpet where dhobies wash clothes & lots of sewage is let into the stream by the residents & establishments. Further down the all the market waste is being dumped into the stream.
- At origin - many nurseries which draw water to an great extent.
- Pollution also high due to chemical usage.
- Tea fields near stream.

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- Mainale & Jagathala source
- the stream flows through tea gardens and then into the vegetable fields where lots of fertilizer applications is present
- High spray of pesticides in these area. Farmers from outside trying to do organic farming. Soil erosion is a problem in this region.

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A black and white photograph of a bamboo forest. Several bamboo stalks are visible, with some leaves in the foreground. A semi-transparent horizontal band is overlaid across the middle of the image, serving as a background for the text.

Thank You

Now! How to save the Coonoor River?

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