

# Lake Symposium - 2014

*“Conference on conservation &  
Wetland Sustainable management  
Of wetland ecosystem in  
Western Ghats”*

*Water resources of our village & their  
Surrounding biodiversity documentation*

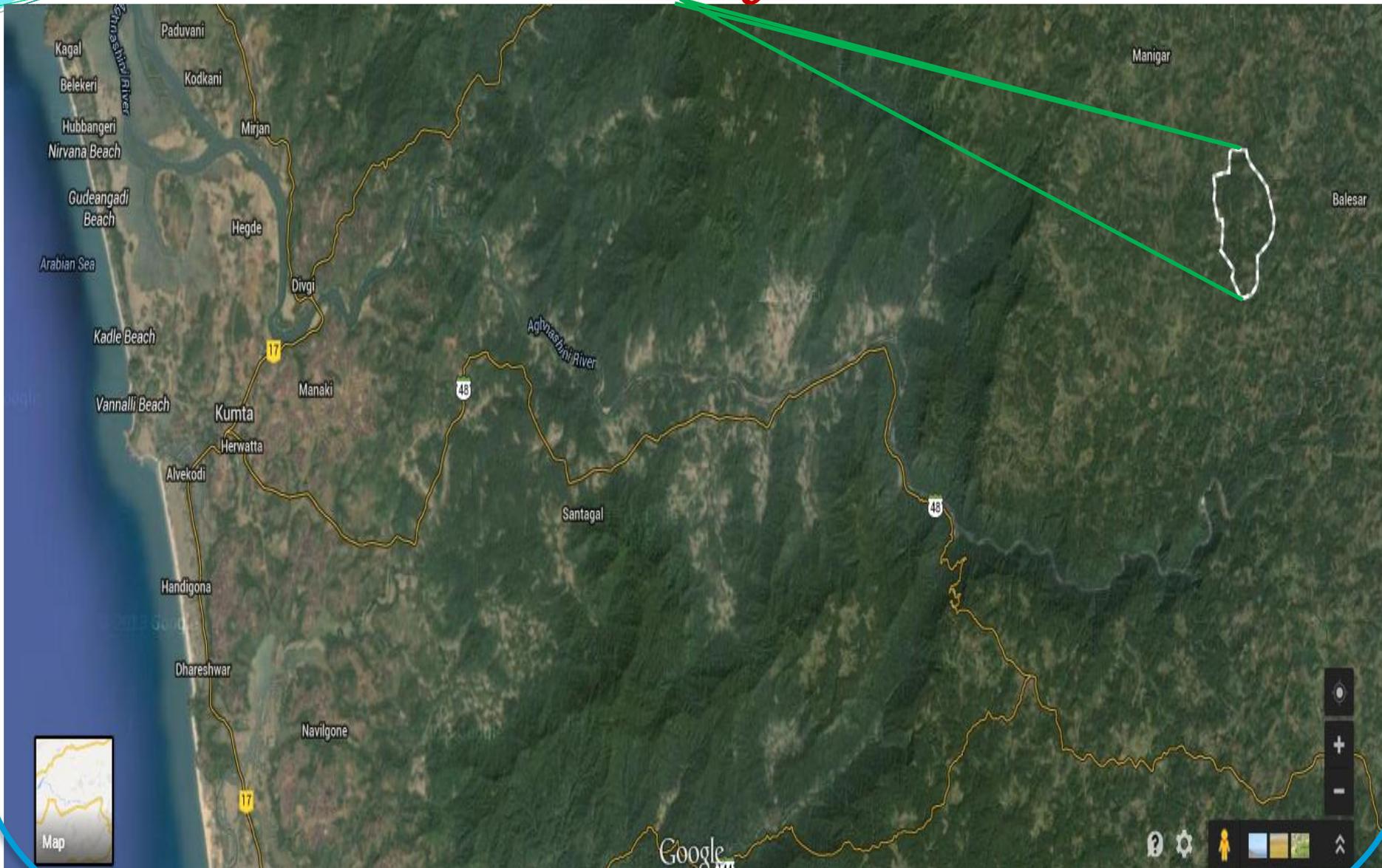
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# SATELITE VIEW OF MURROOR VILLAGE



# TYPE - D) VILLAGE LAKES (PHOTOS)

## 01) Dadhas kere (Main studied lake)





**WELCOME TO**

*The Tremendous Biodiversity*

*In*

*Dhadas kere*

## 6) PLANT DIVERSITY IN SURROUNDING LAKE

### A) Medicinal plants

#### i) Medicinal plants of the village and utilization of plants by village people

##### Sarpagandi



*Sarpagand*

i



*suragi*



*Adusoge*



*Kamakstri*



*Manndara*



*Ekanayaka  
bere*

# 01] Lists of lake surrounded medicinal plants

- Sarpagandi
- Chakararni beru
- Yakanaya kanaberu
- Amrutha balli
- Eeshwari balli
- Neeravate-
- Bilva Pattere
- Kall bale.
- Gangamana balli
- Ondelaga
- Majjige Hullu
- Adusoge gida
- Haale Mara

- *Rauvofiya sarpantina*
- Apama siliquosa*
- *Salacia chinesice*
- *Tinaspora cordifoli*
- *Aristolochia Indica*
- *Listea zeylanica*
- Aegle marmelos*
- *Musa superba*
- *Ceatruspaani culatus .wild*
- Centella asiaca*
- cymbapogon citratus*
- Adhathoda vesica*
- 



# B) Uses of non-cultivated plants for food

## JACK FRUIT



*Ganasale*

## BAMBOO



# murugalu

Atthi mara



- Important forest trees surround water body

matti



Agase mara



Jummana mara



soap nut



# Different varieties of bamboo





## **HOLEGERU MARA**

(Holigarna arnotiana)



*See the tree Trunk*



# Terrace farming



→ *Halaga*  
*Rashi*  
*Jaya*  
*Gowri*  
*Bantavala*  
*Kempe*

Water body surrounding  
Agricultural fields



## Pulses & vegetables



# Preparation jaggery from sugar cane



Preparation of 'Bella' in muroor



# 9) People with traditional knowledge)

Smt . Radha M Bhat



Shri. Tulasu Gowda



Shri. Mahadeva M Hegde



Smt. Indira S Bhat



Smt. Mangala Gouda



Smt. Huliyumma Bira Gowda



# Horticultural plants in village

**BALE HALLA**



**HALASU**



**MAVU**



**Amate  
hanne**



**ARECa**

# 6) COMMUNITY HEALTH



# Gulmavu powder



- Pictures of treating brokened different body parts



# ANIMAL DIVERSITY



*Can you see.....?*



# *A Group of Herons*



# *Can You Capture This Bird ?*



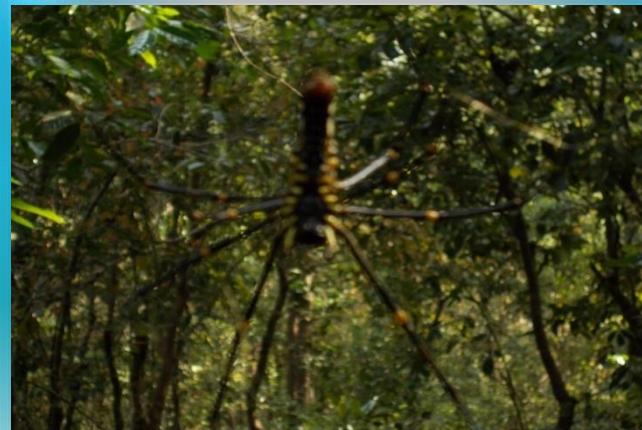
# *One Beautiful Bull bull bird*





*Small Sun Bird bird on flower*

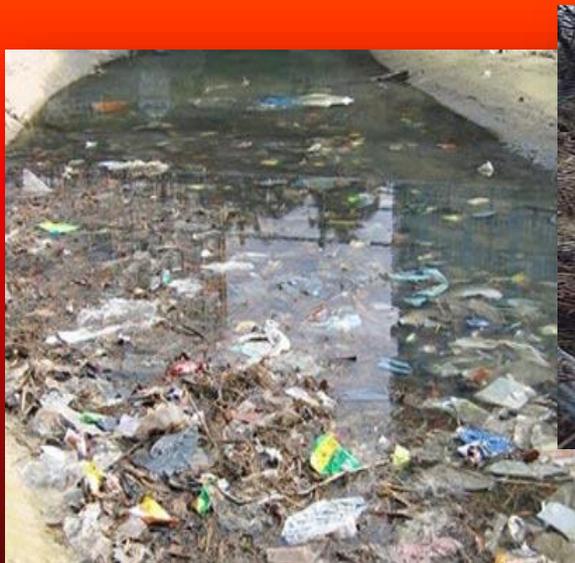
# Small insects in surround lake



**Other lakes of Village facing  
Environmental Risks!**

# A photo of village sewage left into a lake *(kiri Halla)*

Photos of polluted Lakes



# Muroor guddas one Horrible view



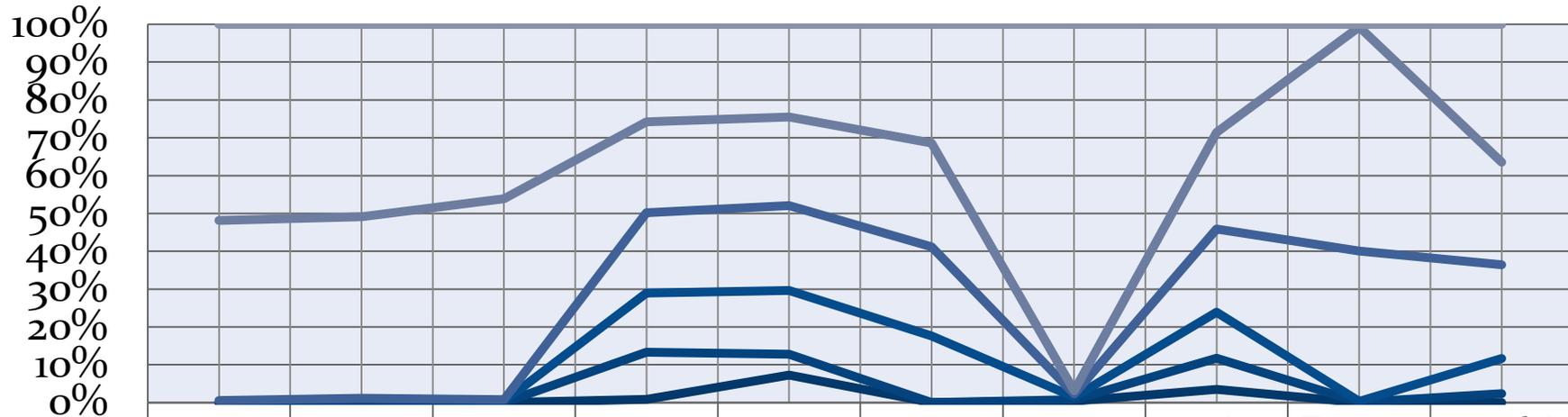
# *Unsolved many serious Problems.....*



# Harm full materials in the streams & lake



# Muroor guddas Wastes material Graph



	Glass materials	Domestic waste	Sewage, garbage	municipal wastes	Industrial wastes	pesticides	solid wastes	Agricultural Wastes	Dumping city wastes	washing vehicles
— 2013-14	73	86	66	89%	71%	32%	83	73%	79%	47%
— 2008-12	67	81	76	83%	68%	28%	74%	65%	67	35%
— 2002-07	56%	78%	65%	73%	65%	24%	69%	56%	45	32%
— 2002-06	22%	57%	44%	54%	49%	18%	59%	31%	23%	12%
— 1996-2001	3%	62%	0	43%	16%	0	37%	21%	9%	3%
— 1989-95	0	0	0	3%	21%	0	31%	9%	0	0

# Field visit in Muroor



**Thank You for  
this  
Awesome Opportunity.**

Special Thanks To-

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Centre for Ecological Sciences, Kumta  
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