

# KERALA FLOOD 2018

Image Source: SIVARAM V / REUTERS



Devastated by the Worst Flood in 100 years

# KERALA FLOOD RELIEF

Outreach Summary Report





# KERALA FLOOD 2018

## THE EVENT

- In August 2018, Kerala experienced its most devastating flood in 100 years.
- The flood was a result of continual rainfall between June and August and torrential rainfall from August 9th to August 15th.
- On August 10th, the gates of 35 of 39 dams in the state were opened to drain out excess water.
- The released dam water, along with the water already collected in the region, aggravated the situation and submerged the river basins and houses in the affected areas.
- The continuous rain also loosened mountain soil, triggering multiple landslides.

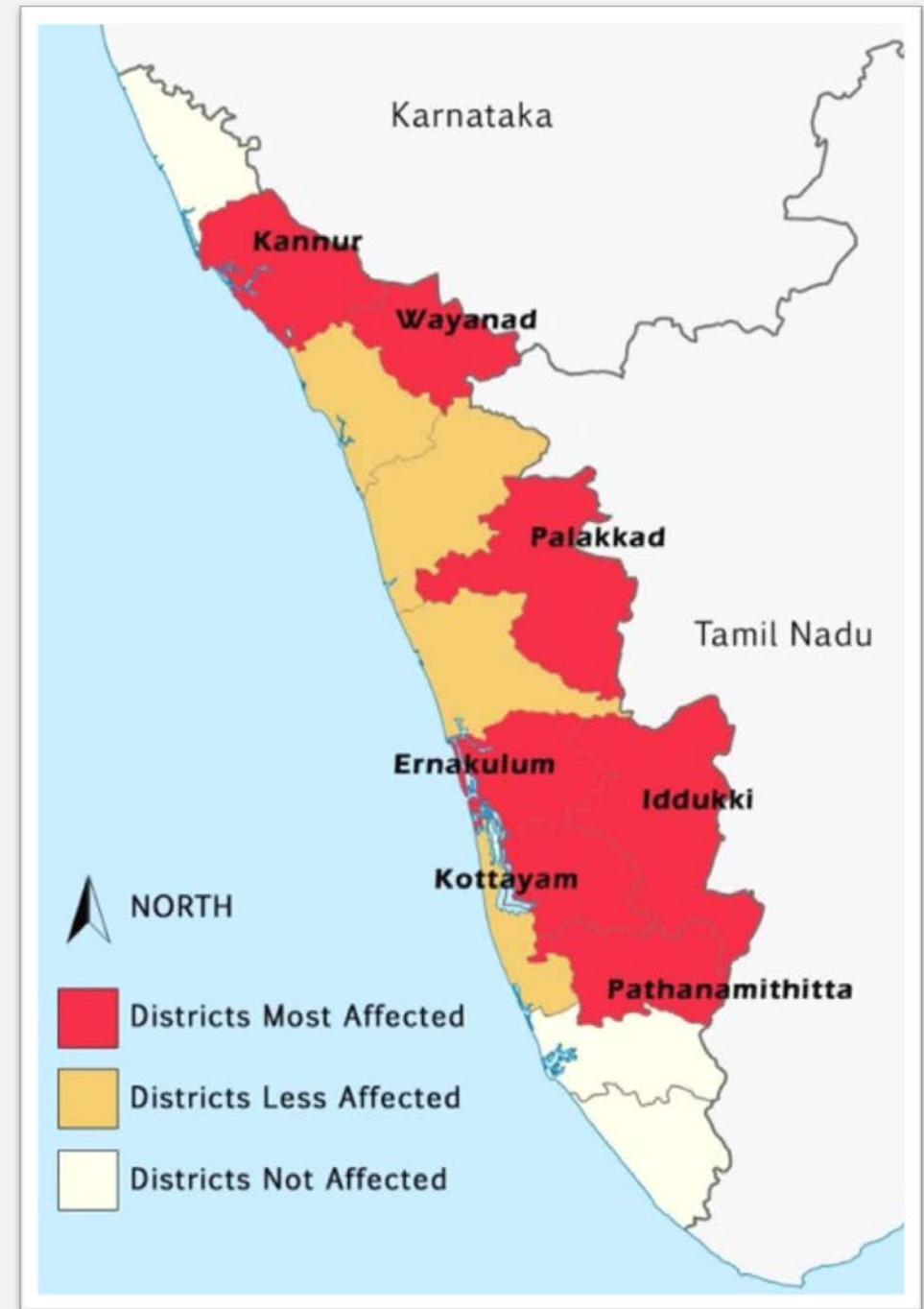


# KERALA FLOOD 2018

## AFFECTED DISTRICTS

- The flood affected 11 of Kerala's 14 districts.
- The most severely affected districts were:
  - Idukki
  - Palakkad
  - Wayanad
  - Kannur
  - Ernakulum
  - Kottayam
  - Pathanamthitta
- Other districts affected by the flood were: Alappuzha, Thrissur, Malappuram and Kozhikode.

Data Reference: Indian Meteorological Department





# KERALA FLOOD 2018

## EXTENT OF DAMAGE

- 483 lives lost
- 3 billion USD worth of overall losses
- 100,000 houses damaged or destroyed
- 221 bridges damaged
- 10,000 km of roads damaged
- 54,000 hectares of crops ruined
- 537 landslides
- 300,000 farmers affected
- Over 1,028,073 people displaced

(3274 relief camps were established in Kerala in the aftermath of the flood. The displaced were moved to the relief camps.)

Data Reference: [www.standwithkerala.in](http://www.standwithkerala.in)

Image Source: SIVARAM V / REUTERS, PRAGYA



# KERALA FLOOD 2018

## PROCESS OF RELIEF DISTRIBUTION



### Needs Assessment

- Gauging the extent of damage
- Identifying marginalised and vulnerable groups
- Assessing immediate needs
- Identifying long-term rehabilitation needs
- Reviewing the support already available



### Procurement and Logistics

- Procuring relief material from the closest local market at competitive prices
- Packaging essential relief material into family kits
- transporting the relief material, planning and liaising



### Planning, Coordination and Mobilization

- Drawing up a distribution plan
- Mobilizing and involving the community in advance
- Ensuring a smooth distribution process



### Relief Distribution

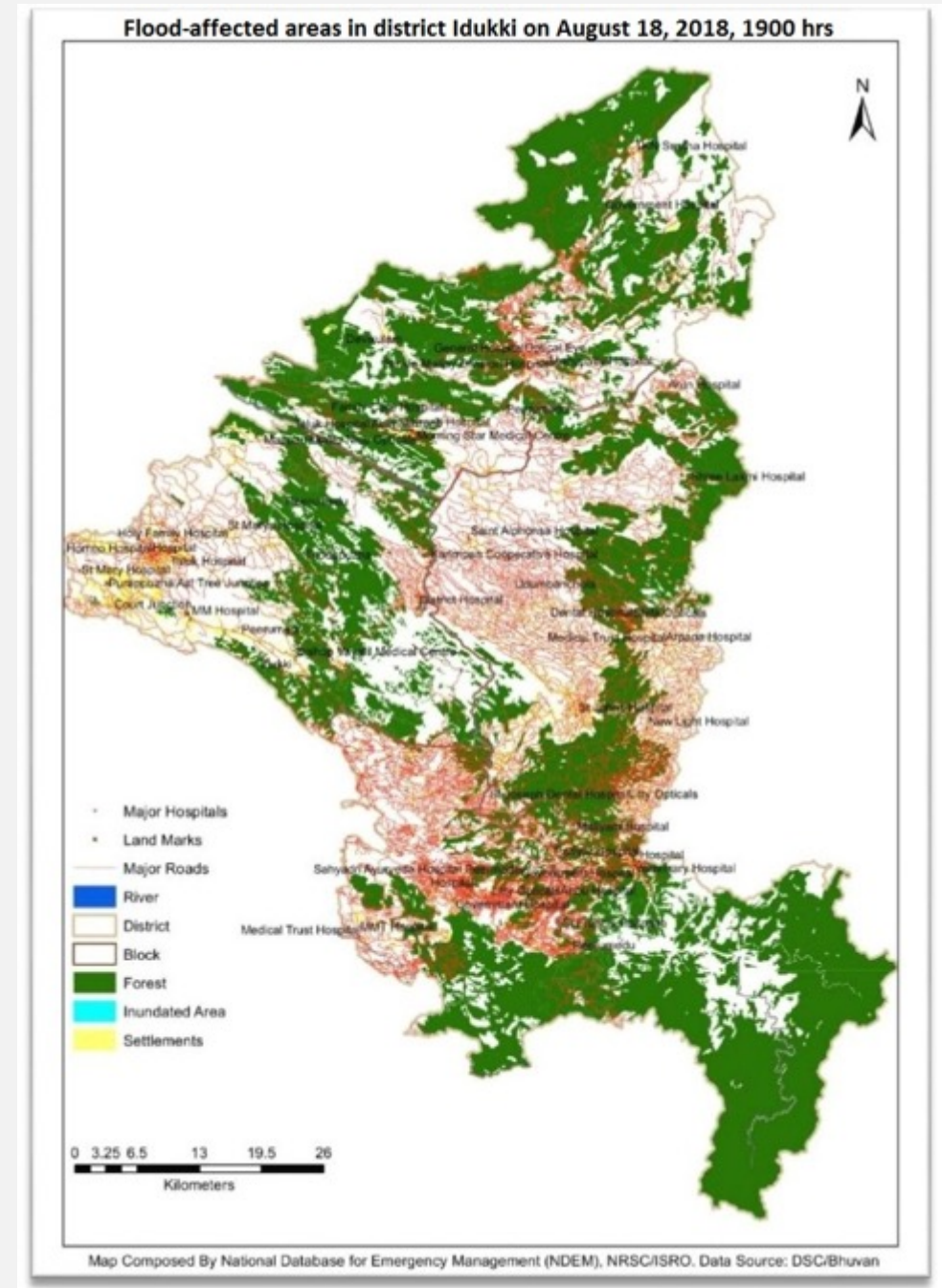
- Following a coupon system and making beneficiary lists
- Distributing relief material and essential items
- Involving key local stakeholders

# KERALA FLOOD 2018

## DISTRICT REPORT

### Idukki:

- Idukki received 3459 mm of rainfall
- 11530 hectares of land, including agricultural plots, were submerged under water
- 59 people lost their lives, 7 people went missing and 78 were injured in the flood and landslides.
- 5802 houses were damaged
- 2162 km of roads were damaged
- The most gravely affected areas in the district were Manjumala, Vandiperiyar, Melechinnar, Maniyaramkudy, Keerithode, Kamakshi, Achamkaanam, Panniyarkutty, Vellathooval, Ayiramekkar, Mavadi, Manjappara, Baison Valley, Kambilikandam, Vathikudy, Senapathi and Perinjamkutty





# KERALA FLOOD 2018

## NEEDS ASSESSMENT

- Pragma's field officers assessed damages and needs in the villages of **Vandiperiyar Panchayat** in Idukki district, which was among the worst affected.
- Villages lying below the Mullaperiyar Dam were completely submerged when the flood water was released from the dam.
- 665 families were affected by the flood.
- 129 houses were damaged.
- The worst affected villages were Karuppupuram, Manjumala, Nalathambi, Ayappan, Chandaravanu, Kirikara and Mlamala.





# KERALA FLOOD 2018

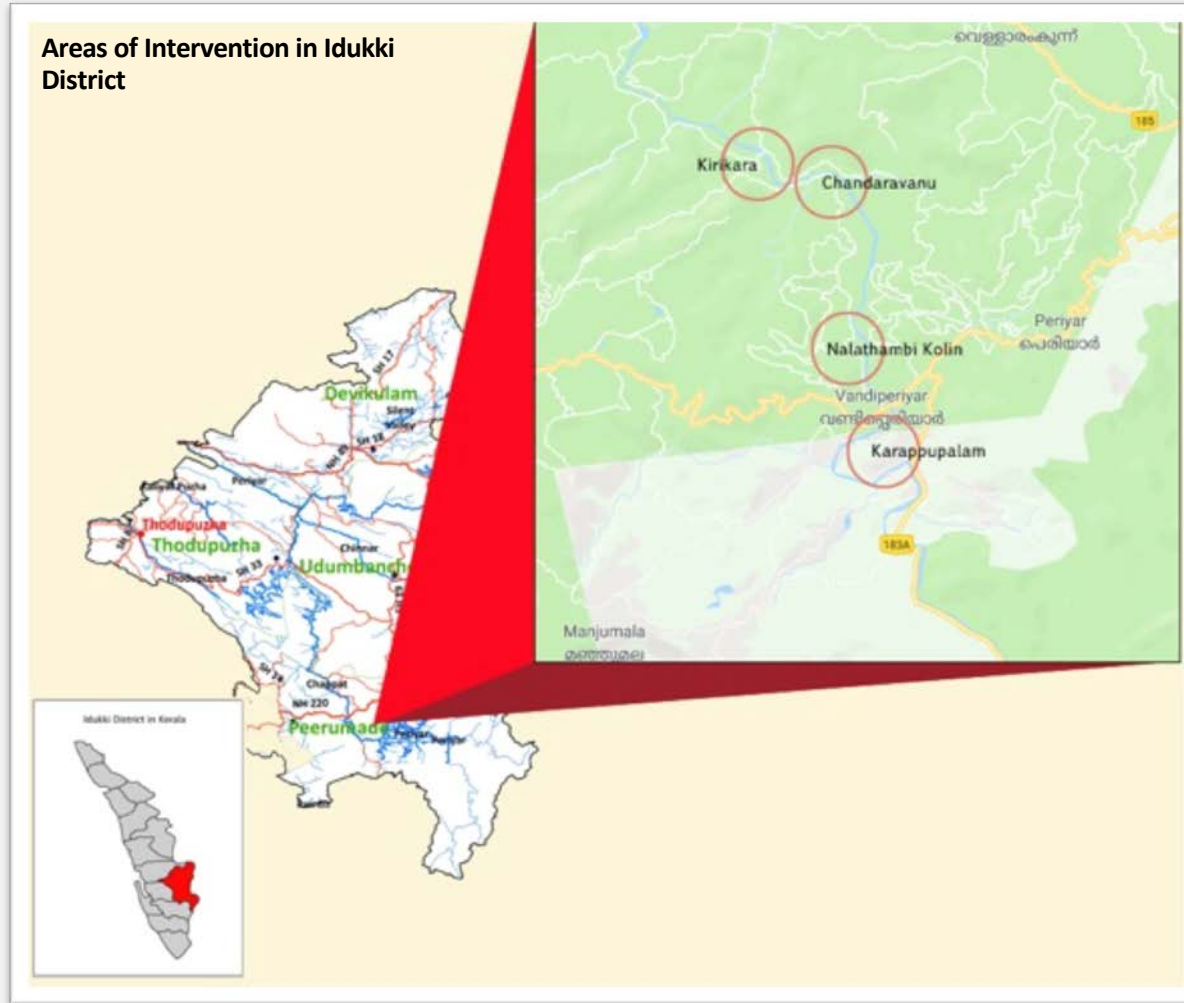
## NEEDS ASSESSMENT

- The affected families needed food, clothes, hygiene and sanitation kits, mattresses and blankets, mosquito nets, water filters, utensils, and other household items.
- The community, as a whole, needed water treatment, waste management and house repairs.
- Most families Pragma interacted with were daily wagers. Due to the flood, they were left uncertain about their livelihoods.



# KERALA FLOOD 2018

## LOCATION, PROCUREMENT AND TRANSPORTATION





# KERALA FLOOD 2018

## RELIEF DISTRIBUTION

PRAGYA reached out to the most needy and distressed of the flood-affected population, and provided:

- **Essential food supplies** like grains (rice, pulses, etc), cooking oil, salt & spices and ready-to-eat food items.
- **Toiletries and cleaning supplies** including soaps, grooming kits, sanitary pads and disinfectants.
- **Household Supplies** such as water purifiers and mosquito nets.
- **Assistance to over 30 children and infants** in the form of baby food to meet their essential nutritional requirements.





# KERALA FLOOD 2018

## ASSISTANCE PROVIDED

With the support of its development partners, Pragma was able to reach flood-affected people in 4 villages of Idukki District

**The following items were provided to them:**

240 Mosquito nets	240 Water Purifiers
60 kg of Grains	45 kg of Pulses
52 kg of South Indian Food Ingredients	44 kg of Ready-to-cook Food
7.5 kg of Spices	50 Hygiene Kits

# KERALA FLOOD 2018

## PRAGYA'S OUTREACH

Villages	People Reached
Kirikara	496
Chandaravanu	294
Nalathambi Kolin	286
Karuppupalam	206
<b>4 Villages</b>	<b>Total: 1282</b>



- Needs assessment and procurement of relief supplies, focused on access to clean water, nutrition and hygiene requirements.
- 1282 people from 290 families provided with relief supplies (506 M; 482 F; including 294 children)
- Relief material provided to people from impoverished families (Below Poverty Line; daily wage labourers and agricultural labourers)

# KERALA FLOOD 2018

## CHALLENGES

- Language was a major bottleneck during relief work. Team members had to break down words and use signs to communicate with the villagers.
- Communities living in inaccessible areas were requested to gather at easier-to-reach locations to collect the items being distributed.
- A large number of people in the target districts were affected by the flood. In order to reach the most marginalised households, Pragma collected rigorous data and visited victims' homes to assess damage levels and identify potential beneficiaries. Coupons were distributed to avoid duplication and ensure smooth distribution.
- Long distances to markets and bad roads made procurement difficult.
- Inconsistent weather and frequent rain made distribution of relief material problematic.





# KERALA FLOOD 2018

## VOICES

- *“My house got completely washed away in the flood. Along with the house, I lost everything I owned. Being a daily labourer, I will find it quite difficult to build a house from scratch and get all the essentials. I am really thankful to Pragya for doing such noble work and helping people like me after this heartbreaking disaster.” - Vijayan M.B, Chandaravanu Village*
- *“Our house was completely submerged under flood water. My husband got injured while rescuing me and my child, and taking us to a safe place. After the water receded, everything was dirty and unhygienic. We had to buy water because our well was full of flood-waste and mosquitoes. I am thankful to Pragya for giving us a water purifier and a mosquito net.” – Ramla R, Nalathambi Kolin Village*





# KERALA FLOOD 2018

Flood Relief Support  
Kerala

PRAGYA



We Thank You for your Support!



**KERALA  
FLOOD  
2018**



**HITACHI**  
Inspire the Next

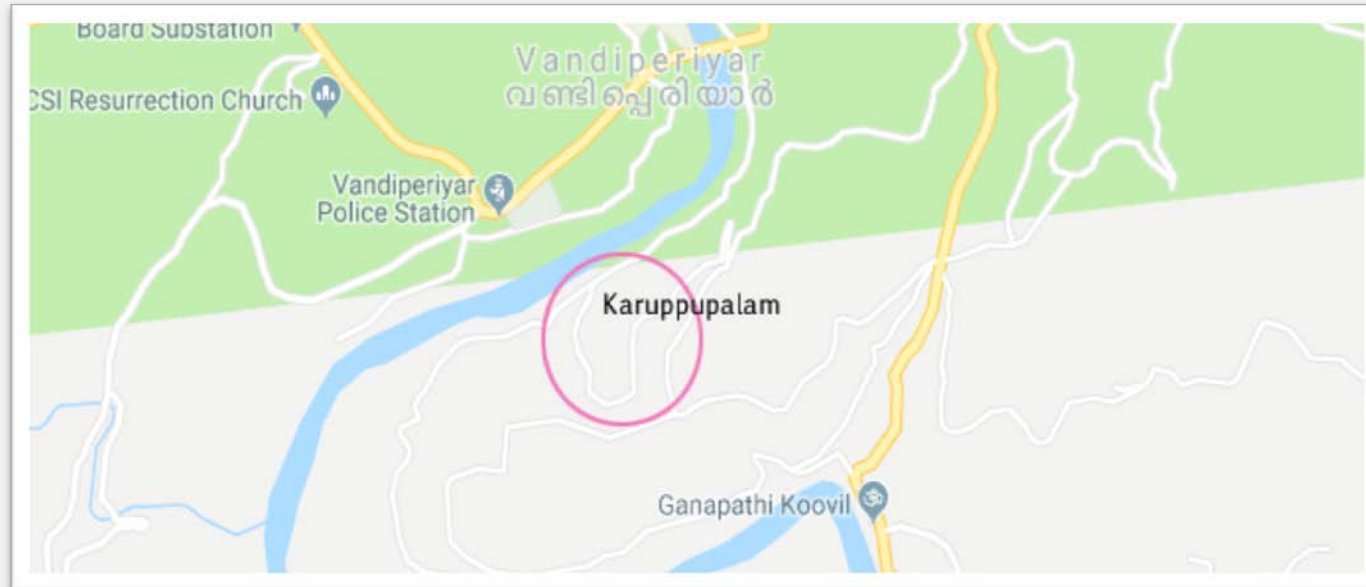
**HITACHI**  
Inspire the Next

**Special note of thanks to Hitachi team**



# KERALA FLOOD 2018

## OUR SUPPORTER: HITACHI



With the Hitachi team's support, we were able to provide essential relief items to 50 flood-affected families in **Kalappapuram** village. Kalappapuram was one of the worst hit villages in Idukki district, with 70 houses damaged and 102 households severely affected by the flood.



# KERALA FLOOD 2018

## OUR SUPPORTER: HITACHI

Beneficiaries	Total
Male (Adult)	92
Female (Adult)	84
Male (Children)	20
Female (Children)	10

- Most villagers in the affected areas were agricultural labourers and daily wage workers.
- 50 BPL and vulnerable families (a total of 206 people) were provided with relief material.





# KERALA FLOOD 2018

## OUR SUPPORTER: HITACHI

- *“My house got damaged in the flood. Everything inside got washed away. My family and I took shelter in the Masjid. After we left the Masjid, I did not have any money or a job to support my family. We are completely dependent on the relief material. Thank you Pragma for providing food and hygiene kits to us.” - Abdul Raheem, Karuppupalam Village*
- *“It was really difficult during the flood as I have a one-year-old baby. Our house’s wall collapsed and we moved to our relatives’ place. My husband, who is a labourer in a tea garden, cannot go to work because we are trying to repair the house. Without his job, we are finding it difficult to support our family. Thanks Pragma for the help, it means a lot.” – Lissy, Karuppupalam Village*

