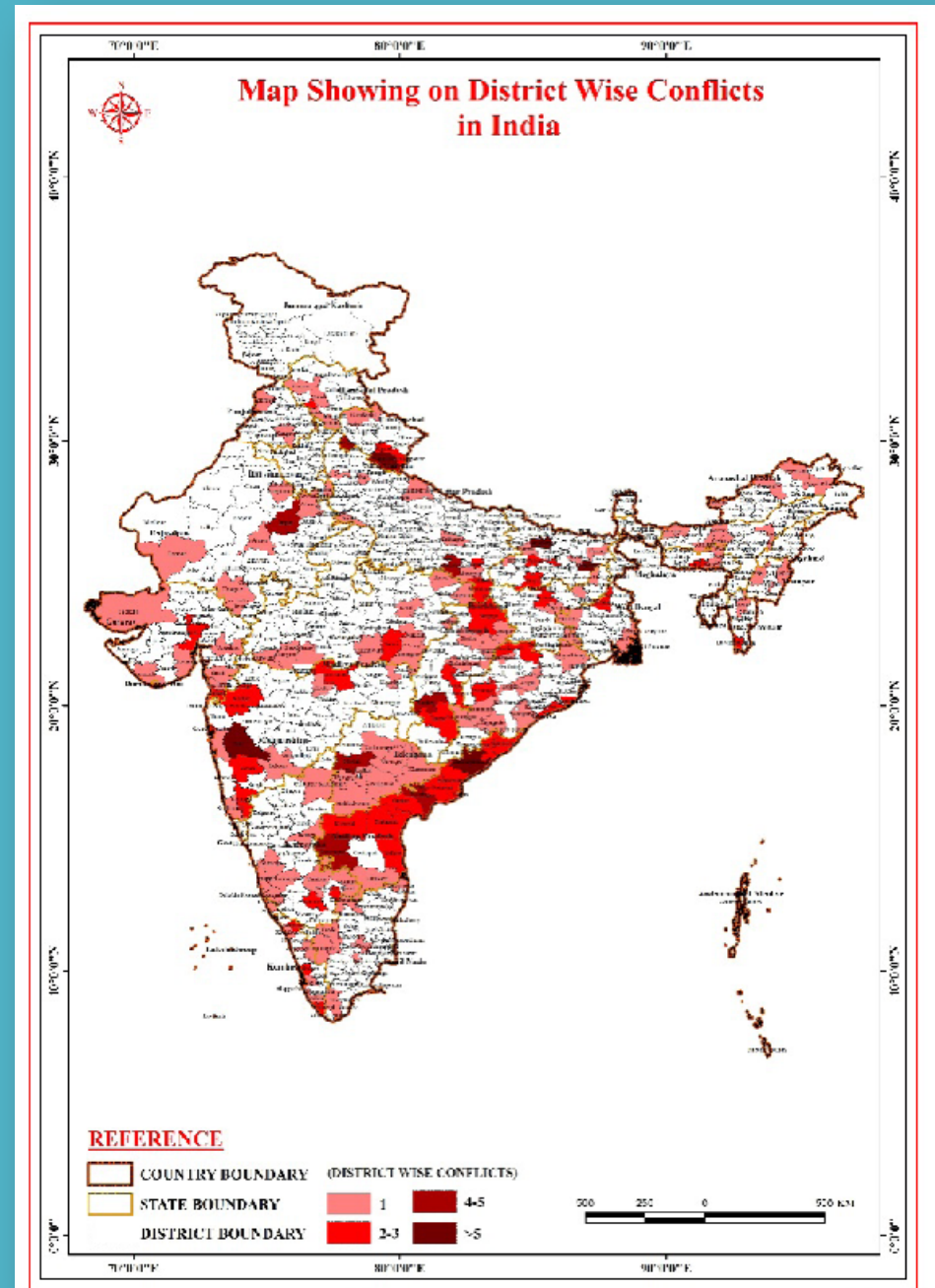


# Mapping Land Conflicts in India



# Land Conflict Watch



- India's desire for Industrial and Infrastructure growth requires land
- India's significant population uses land to earn livelihood
- Competing demands cause conflicts
- No nationwide estimate of spread and impact of ongoing land conflicts
- Land Conflict Watch is trying to fill this void. It is a data-journalism project that maps, reports and analyses on-going land conflicts across India to build an online repository of these conflicts
- A team of over 30 development journalists and researchers

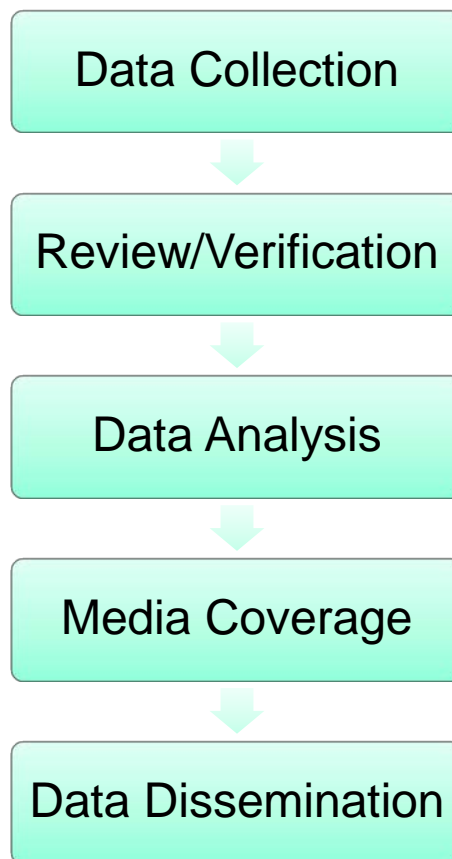
# Data Collection



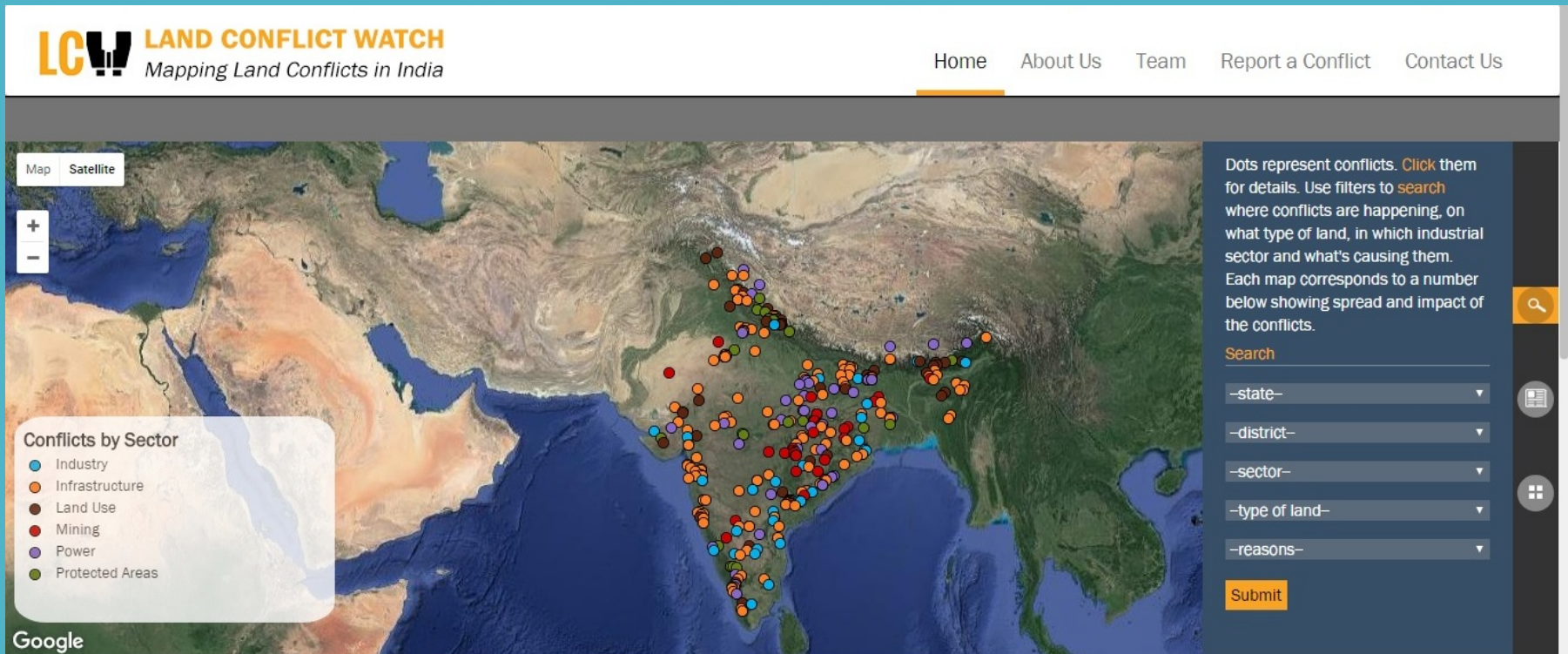
## Data Points for each conflict

- Location
- Starting year
- Reasons of conflict
- Type of sector
- Type of land
- Number of people affected
- Area affected
- Investment attached
- Parties involved
- Parties' responses including RTIs
- Sources of information
- Brief summary
- Resolution, time and reasons

# The Model



# Land Conflict Watch Portal







**368**

Number of Conflicts

**4,684,969**

People Affected

**1,283,263**

Investment (Crore ₹)

**1,492,194**

Area Affected (in ha)



#### Vizhinjam Port: Fisher Folk Allege Loss of Livelihood

Fishing communities have been opposing the port project at Enayam for fear of losing livelihood.



#### Gram Panchayat Oppose Coca-Cola Plant in Hoshangabad

Gram Sabha in MP is opposing the govt's move to allot land for Coca-Cola plant along Narmada river

#### WHO WE ARE

Land Conflict Watch is a research-based data journalism project that maps and analyzes ongoing land conflicts in India. It is put together by researchers and journalists who are spread across the country.

#### LATEST TWEETS

People Oppose Uranium Mining in Meghalaya <https://t.co/2PMISpTZdX>  
<https://t.co/3KycQ8EsLp> 1 day 20 hours ago

Gurugram Village Residents Demand More Money for the Land Sold in 2012  
<https://t.co/wioq2ppPW> <https://t.co/70t53pTWT2> 6 days 22 hours ago

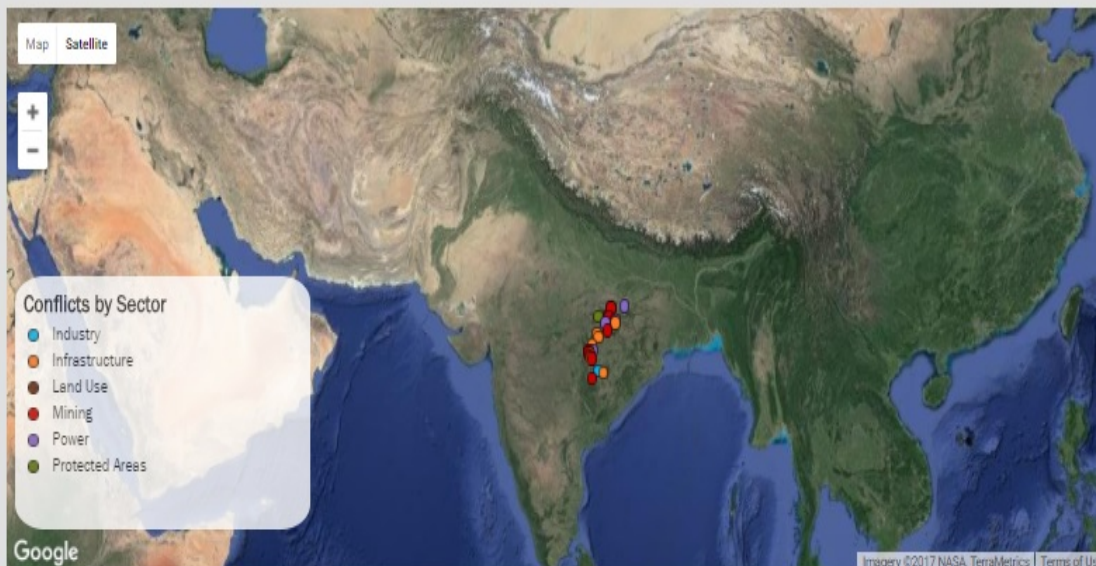
#### REACH US

8/9, II Floor, Nehru Enclave  
New Delhi - 110019  
email: [ankur.amu@gmail.com](mailto:ankur.amu@gmail.com)



Search Results:

Chhattisgarh -district- -sector- -type of land- -reasons- Submit



Conflicts

- Achanakmar Tiger Reserve Relocation
- Adani Power Plant, Surguja
- Bachel-Nagarnar Slurry Pipeline
- Baghmara Gold Mines of Sonakhan
- Bailadila Iron Ore Mine Expansion (Deposit 10)
- Chhal Opencast Coal Mine Expansion
- DB Power Railway Line
- Gevra Mine Expansion
- Gullu Hydropower Plant
- Hahaladdi Iron Ore Mine
- Hasdeo-Arand Coalfield
- Jawartara Power Sub-station in Kanker
- Kharun River Front Project
- KSK Mahanadi Power Company Ltd.
- Kusmunda Coal Mines Expansion
- Metabodeli Iron Ore Mine
- Mohar Reservoir

25

Number of Conflicts

69,957

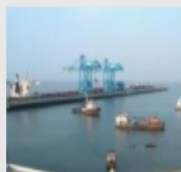
People Affected

135,497

Investment (Crore ₹)

211,559

Area Affected (in ha)



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REACH US

8/9, II Floor, Nehru Enclave  
New Delhi - 110019



Search Results:

--state-- --district-- Coal Mining --type of land-- --reasons--

Submit



Conflicts

- 14 Villages in Tamnar Block Oppose Coal Mining by MAHAGENCO
- Birbhum Muhammadbazar land conflict
- Chhal Opencast Coal Mine Expansion
- Eastern Coalfields Limited's Sonpur-Bazari project conflict
- Families Displaced by Lalmatia Mines Demand Relocation Away From Blasting Sites
- Gevra Mine Expansion
- Hasdeo-Arand Coalfield
- Jharia Coal Fires Affected People Protest Against Irregularities in Rehabilitation
- Kusmunda Coal Mines Expansion
- Mechakata coal block
- Mahan Coalfield Singrauli
- Rehabilitation of Displaced Villages in the Emta Coal Mines in Chandrapur
- Rehabilitation and compensation problems around Dipka Mines

13

Number of Conflicts

217,520

People Affected

93,510

Investment (Crore ₹)

207,337

Area Affected (in ha)

Forest Department cut 20,000 Teak Trees Without Gram Sabha's Permission in Patpara

Forest Rights of Tribespeople Violated by CAMPA Fund Sponsored Plantation in Kalahandi

Fishing communities have been opposing the port project at Enayam for fear of losing livelihood.

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LATEST TWEETS

Fisherfolk fear that mega-textile mill would adversely impact livelihood - <https://t.co/CBQsqyIbfu> <https://t.co/5EqfQ59XHz> 5 days 22 hours ago

Bhawanipatna houses allegedly destroyed in 'beautification' spree - <https://t.co/hv3aetgvAy> <https://t.co/CxTsQVGGmX> 6 days 11 hours ago







Search Results:

--state-- ▾

--district-- ▾

Coal Mining ▾

--type of land-- ▾

Non-settlement/ Violations of Forest Rights Act ▾

Submit



Conflicts

- Birbhum Muhammadbazar land conflict
- Hasdeo-Arand Coalfield
- Kusmunda Coal Mines Expansion
- Mahan Coalfield Singrauli
- Rehabilitation and compensation problems around Dipka Mines

5

Number of Conflicts

44,395

People Affected

56,555

Investment (Crore ₹)

192,529

Area Affected (in ha)

Forest Department cut 20,000 Teak Trees Without Gram Sabha's Permission in Patpara

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## Jharia Coal Fires Affected People Protest Against Irregularities in Rehabilitation

Starting Year: 1916

Number of People Affected: 114,466

Land Area Affected (in ha): 800.00

Investment (in crores, ₹): 5,792.00

Sector/Type of Industry: Coal Mining

Reasons/Nature of Land Conflict:

- Mining
- Rehabilitation of displaced people

Type of Land: Common and Private

Type of Common Land:

- Forest and Non-Forest

Parties Involved (State):

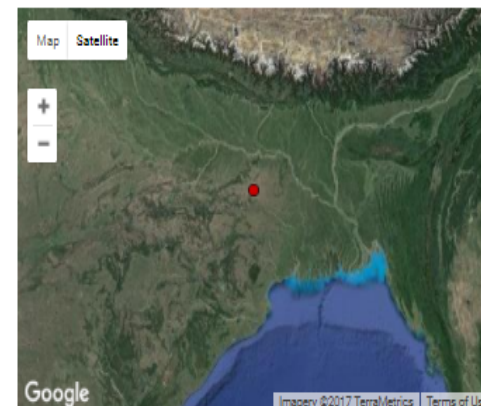
- Jharia Rehabilitation Development Authority (JRDA)

Parties Involved (Corporate):

- Bharat Coking Coal Limited (BCCL)

Sources of information:

- 13dhanbad city-pg4-0l.jpg
- masterplan.pdf
- Jharia-Death.pdf



Jharia Coal Fires Affected People Protest Against Irregularities in Rehabilitation

Jharia Dhanbad, Jharkhand

### Summary of the conflict:

Last Updated: May 30, 2017; 09:05 AM

Around 40-year-old Bablu Khan and his 10-year-old son Rahim Khan were buried alive in the underground coal fire zone of Phulauribad in Jharia. Khan an automobile mechanic was working in his makeshift workshop while his son was standing near him. The ground suddenly collapsed, and Rahim fell into the collapsed ground around 20-feet deep. His father, Bablu tried to rescue Rahim but he also slipped inside the ground. The incident happened on May 25th. Bodies of both victims have not been recovered because of the intense heat of underground burning coal.

Such incidents have made entire Jharia, a live pyre for thousands of families who live under the perpetual fear of landslide due to underground coal fire in Jharia block of Dhanbad district of Jharkhand. The families are protesting against the irregularities by the state in their rehabilitation, as exposed by the Central Coal Ministry, recently.

The underground coal fire has been raging for the last 100 years. The coal fire has led to large scale incidents of landslides leading to house collapses. According to official figures around 190 houses have collapsed and nearly 20 people have died in the land subsidence incidents. There have been incidents of continuous gas emissions from the burning coal fires.

Bharat Coking Coal Limited (BCCL) operates coal mines of Jharia. There are around 84 villages in the Jharia coal fire area that are being evacuated and resettled outside the village. The coal mines area is also heavily encroached as coal stealing from the abandoned mines on minor fires are a major occupation for the displaced families.

In 2004, Coal India Limited, Government of India and BCCL constituted Jharia Rehabilitation Development Authority (JRDA) for smooth rehabilitation of families that are living in the villages that are already on the coal fire. JRDA was instructed to shift 23847 families of Jharia spread over 8.9 km area to Belgaria where government constructed a multi-storeyed housing complex. JRDA was able to move more than 15,000 families in the budget of 5792.91 crores.

A large section of families living in the fire zone had been protesting for long for unfair selection of families for rehabilitation in Belgaria. They had been accusing JRDA of allotting houses to 'outsiders' who are not affected by the fire. JRDA meanwhile had been increasing the number of families affected by the fires. It increased the number of families affected by the fire to 91897 and sought a budget

# Caveats/Clarification:



Data still being collected.

Numbers in each state partially represent the ground situation.

Best available estimates were taken

Better picture will emerge as we get more conflicts

# Land Conflicts in India: An Interim Analysis



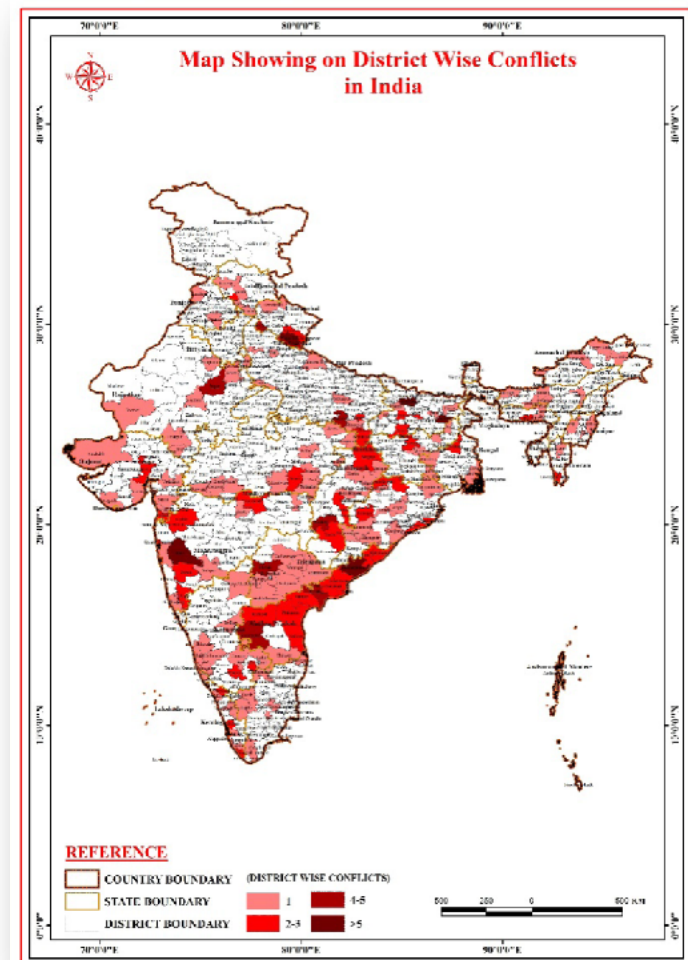
# Analysis

Analysis of 331 ongoing land conflicts

**36 lakhs** people affected

**10 lakhs hectares** of land

Affect roughly **Rs. 12 lakhs crores** in investment

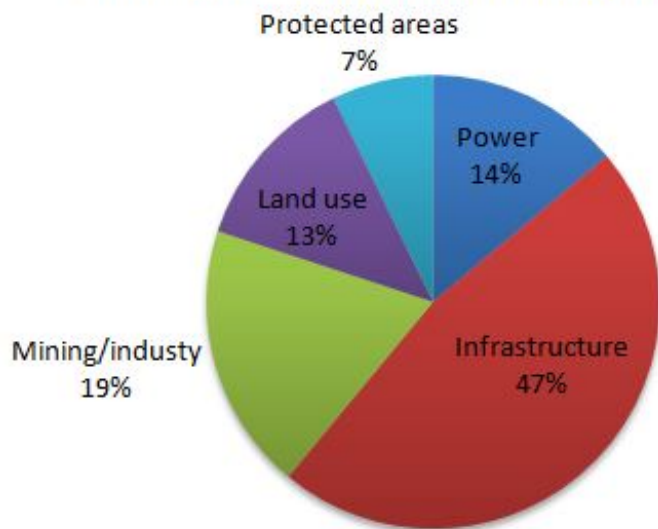


# Land Conflicts by sector

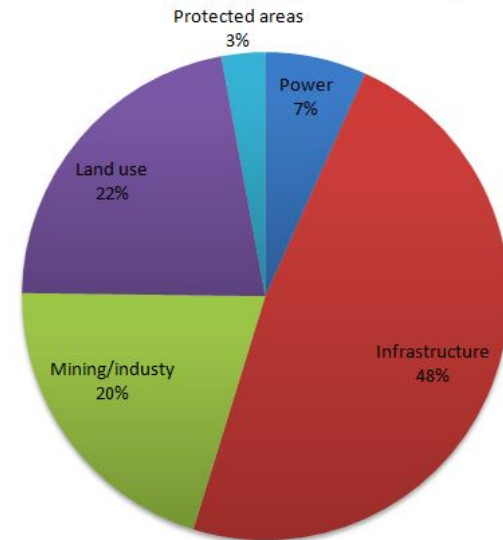


Figure 1

Sector-wise distribution of land conflicts



Sector-wise distribution of people affected by land conflicts

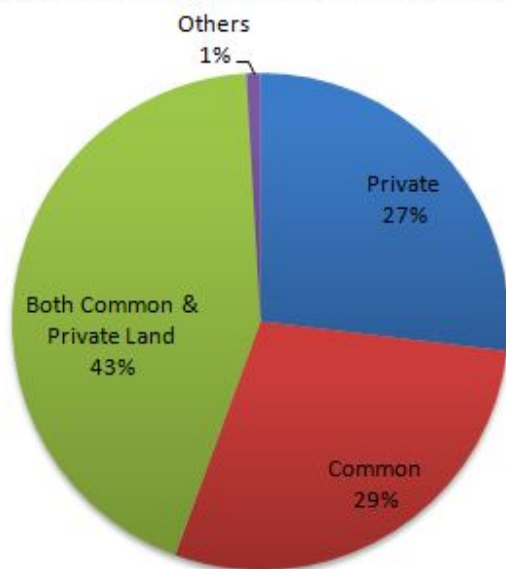


# Land conflicts by type of land involved

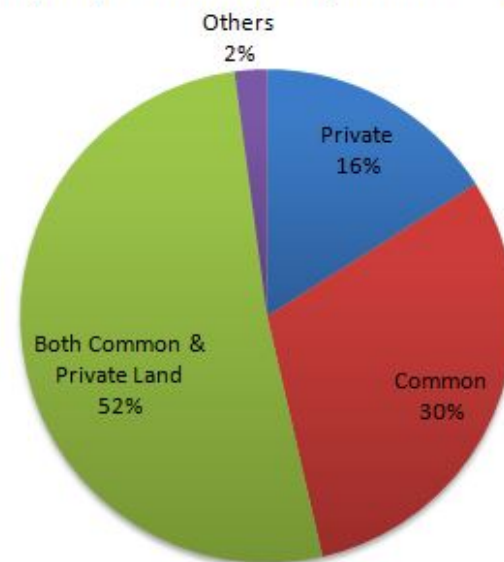


Figure 2

Number of conflicts by land type



Number of people affected by conflicts by land type

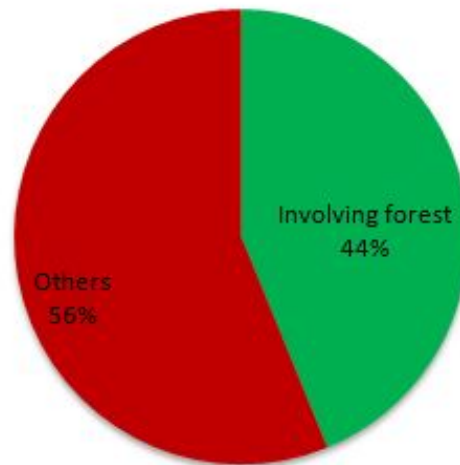


# Land conflicts involving forest lands



Figure 3

Land-related conflicts involving forest lands



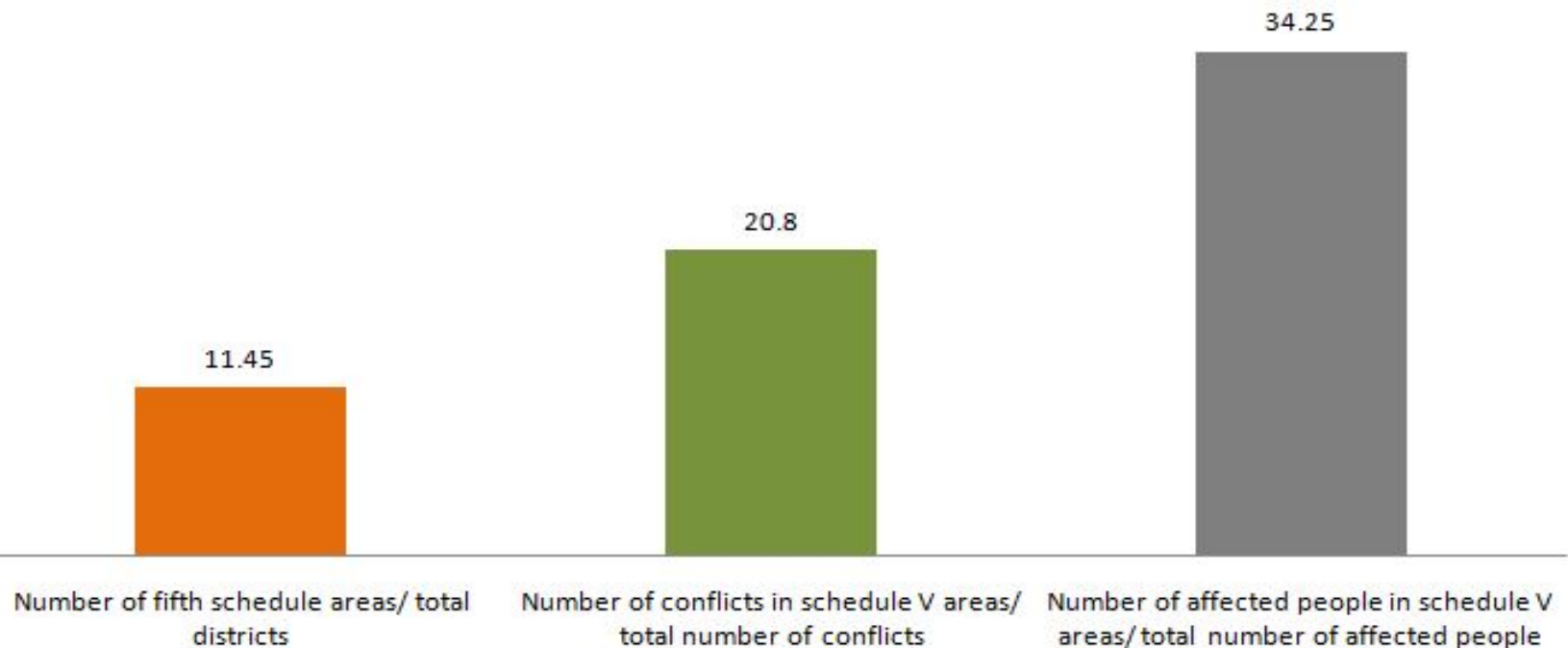


# Land conflicts in districts having scheduled v area



Figure 6

Land conflicts in districts with Schedule V Areas as compared to the whole country (%)



# Thank You

Bhasker Tripathi

[bhasker1018@gmail.com](mailto:bhasker1018@gmail.com)

Land Conflict Watch

