

# Geospatial technology and Citizen Science

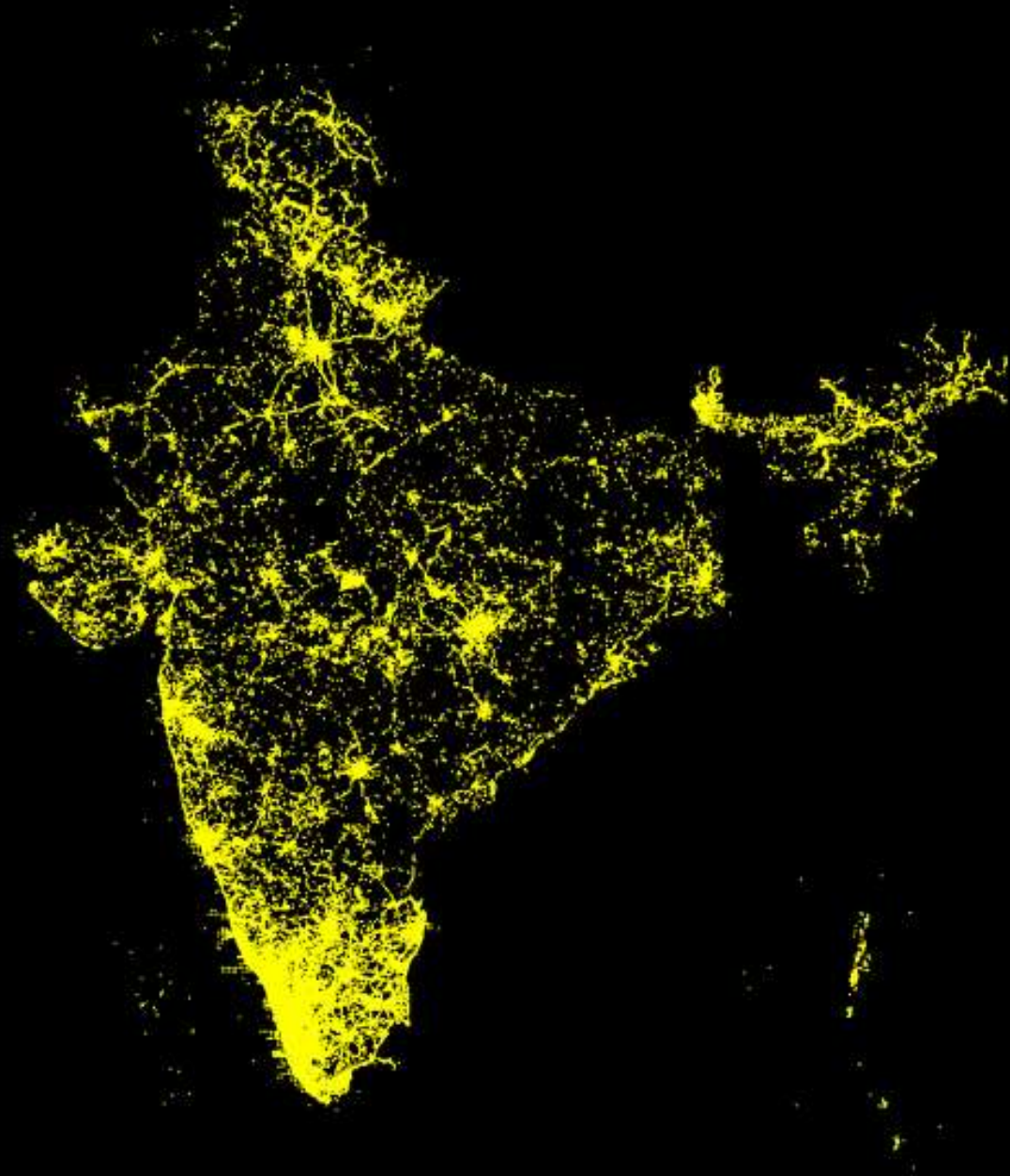
Suhel Quader



birdcount.in

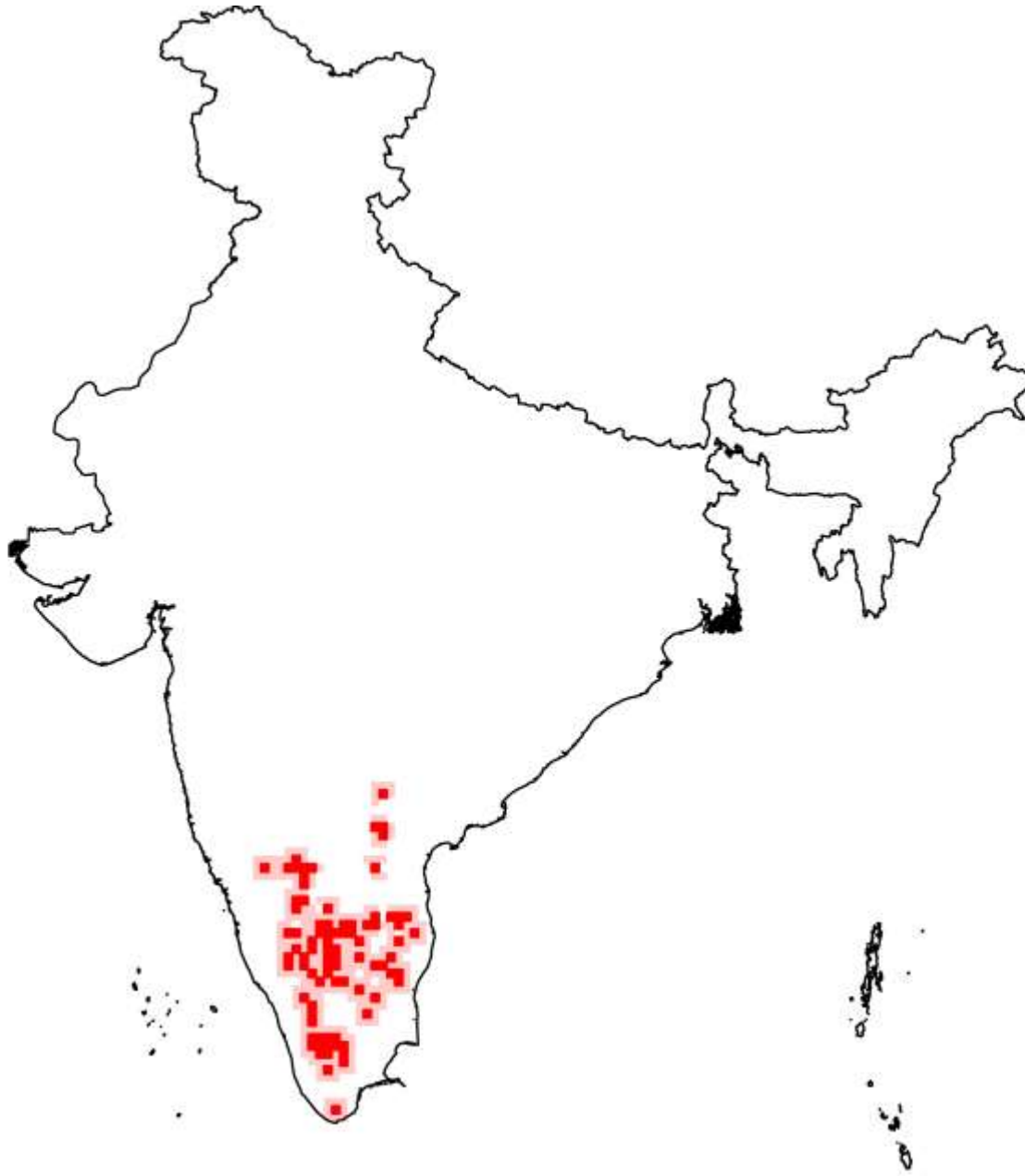


Andreas Treppe



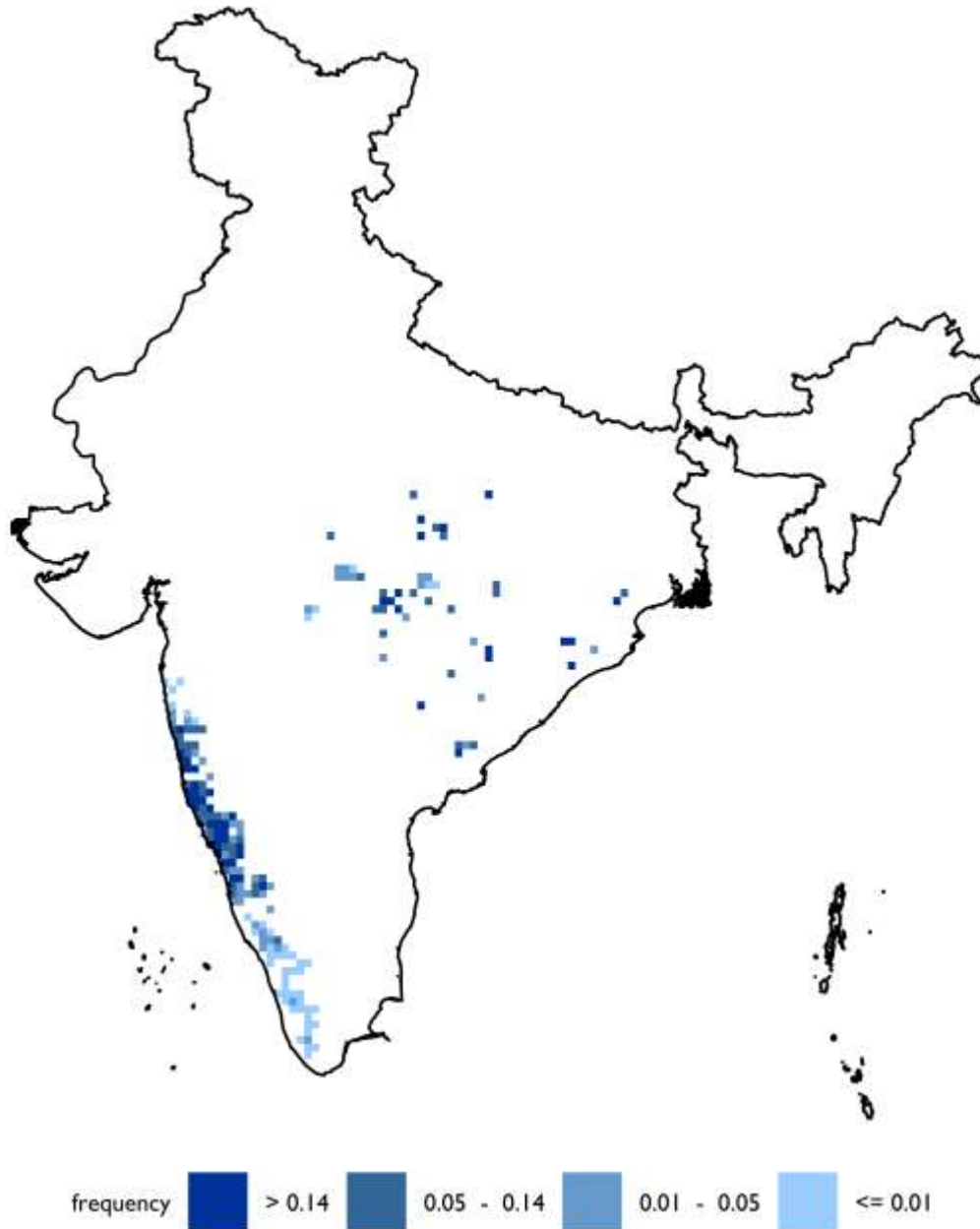
0.2 million locations  
0.8 million checklists  
10 million observations  
16,000 observers  
1,333 species

# Range Maps: Yellow-throated Bulbul



Kalyan Varma

# Frequency Maps: Malabar Pied-Hornbill



Rajan Hatiskar

# Migration Maps: Blyth's Reed Warbler



Shankar70



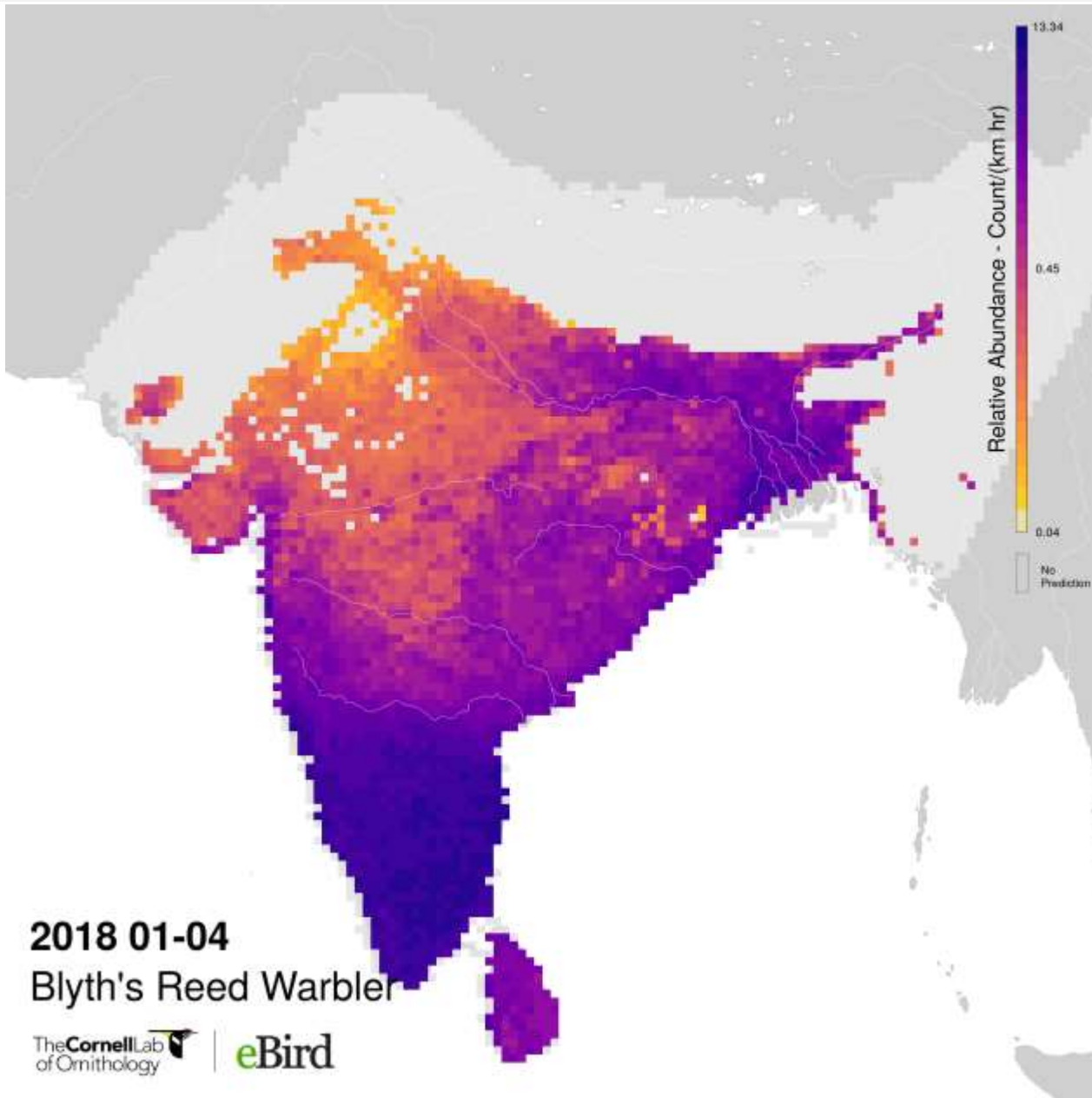
birdcount.in



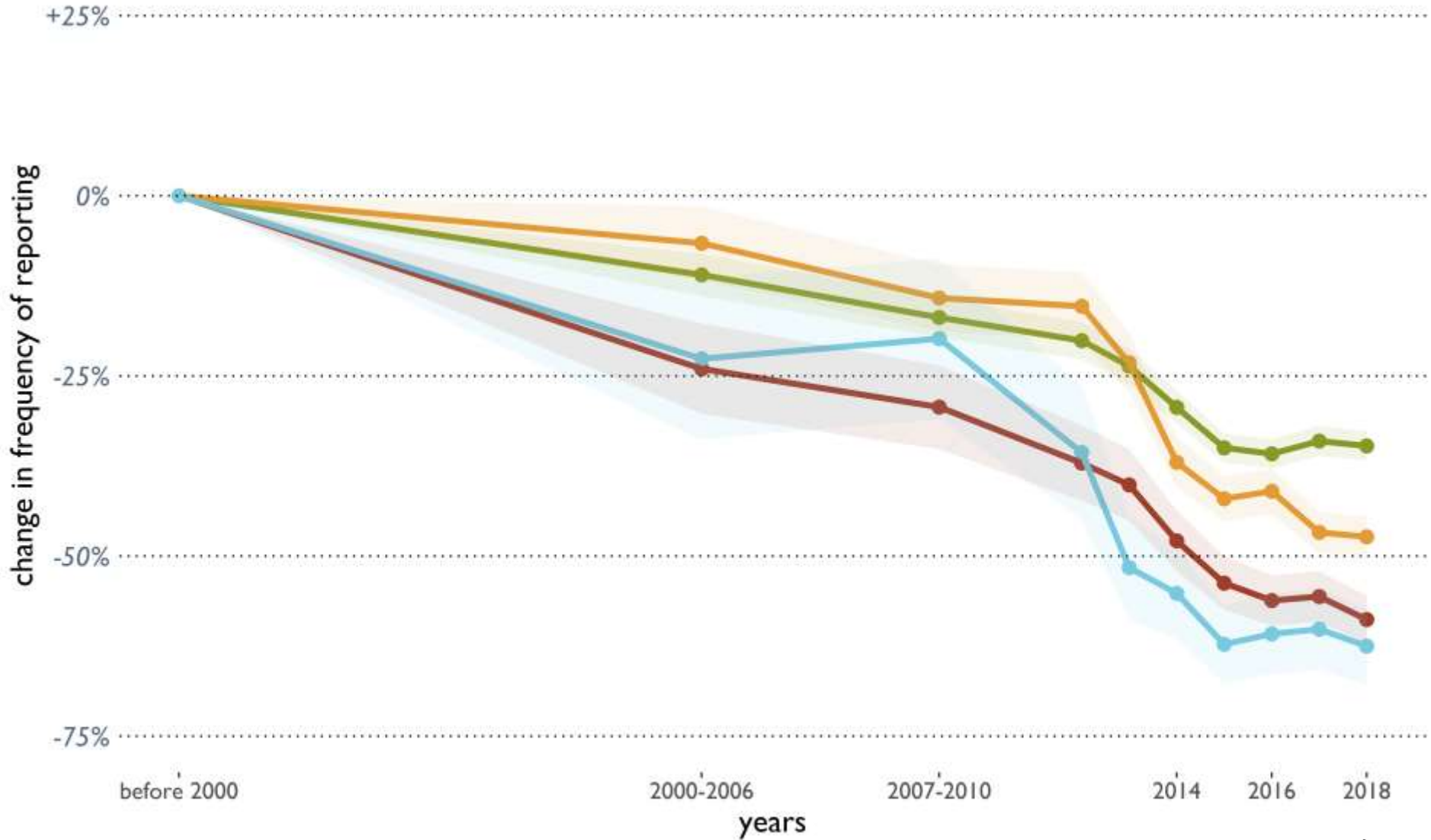
# Fine-Scale Predicted Migration: Blyth's Reed Warbler



Shankar70



# Trends: Species in Different Habitats



Generalists Wetlands Grassland/Scrub Forests

# Summary

- Citizen Science can be a very powerful approach
- Both the technology and on-ground efforts are important
- We envision an increasing importance of working with skilled enthusiasts in generating information vital for conservation and sustainability



[ebird.org/india](http://ebird.org/india)



[birdcount.in](http://birdcount.in)