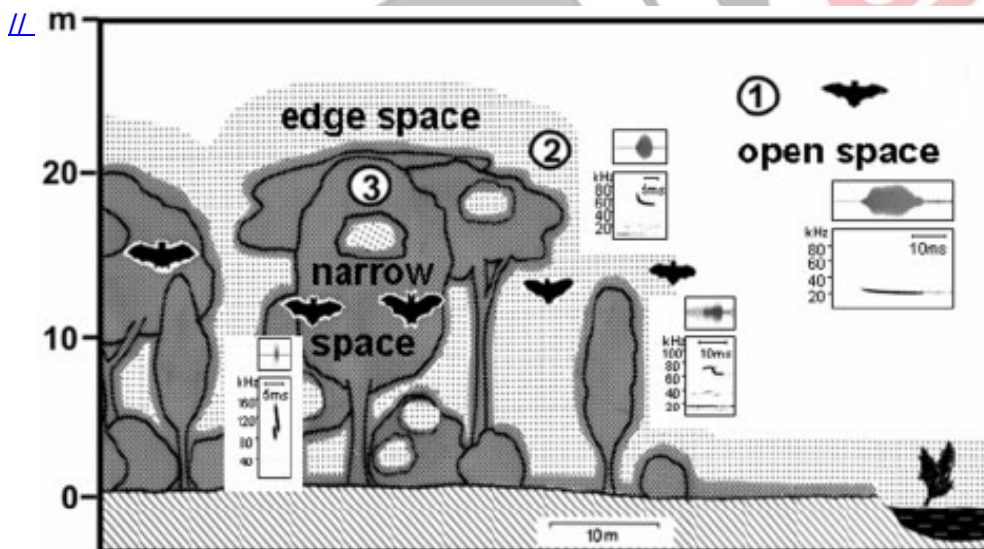




## Impact of Wind Turbines on Forest Bats

A recent study conducted by scientists from Germany, has revealed the impact of **wind turbines on the activity of forest bats**.

- Three foraging groups of bat species were studied: **narrow-space**, **open-space** (hunt in open areas with few obstacles), and **edge-space** (specialized on hunting prey close to background objects), within a radius of 80 to 450 meters under variable wind conditions.
- **Narrow-space foraging bats**, which are particularly reliant on forest habitat, showed a **77% decline in activity as wind speed increased** in operational wind turbines.
  - The avoidance behavior was **not observed in edge-space and open-space** foraging bats, indicating a **habitat-specific response**.
  - The noise emitted by wind turbine rotors was identified as a significant cause of the avoidance behavior.
- Wind turbines, a key element in [national climate strategies](#), are increasingly erected in forest sites worldwide, posing potential challenges to bat populations.
- The study, initially focusing on short-term impacts, suggests **potential long-term effects** on bat activity near operational wind turbines, particularly if noise emissions are the cause.



Read more: [Bamboo-Dwelling Bat](#)