



### Dr. Frick and Dr. Kunz's next steps

In these interviews, Dr. Frick and Dr. Kunz discuss emerging technology that they hope to use in their bat studies.

<http://www.youtube.com/watch?v=70foksWu2Ac>

- 1:03, Dr. Frick describes aeroecology

<http://www.youtube.com/watch?v=Bkw1cJNOWKU>

- 2:34, Drs. Frick and Kunz describe new radar methods used in their research

Discussion Questions:

1. Define aeroecology in your own words.
  - Short articles detailing aeroecology for your own reference or further student reading:
    - [http://www.nsf.gov/discoveries/disc\\_summ.jsp?cntn\\_id=112547](http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=112547)
    - <http://www.bu.edu/cecb/bats/aeroecology/>
2. What information will scientists be able to learn from tracking bats with radar?
  - Short article detailing the use of weather Radar in Bat research:
    - <http://www.sciencemag.org/content/331/6020/998.full>
3. Why is it important for scientists to know how many bats make up a bat cloud?
4. What behavioral information can scientists learn from tracking both weather radar and bat cloud radar at the same time?

5. How can this technology help scientists to further study WNS? Can this information help them stop WNS from spreading?

6. If you could use radar to study the movement of any population of animals, which animals would you pick? Why? What information could you gather by watching the movement of this population?