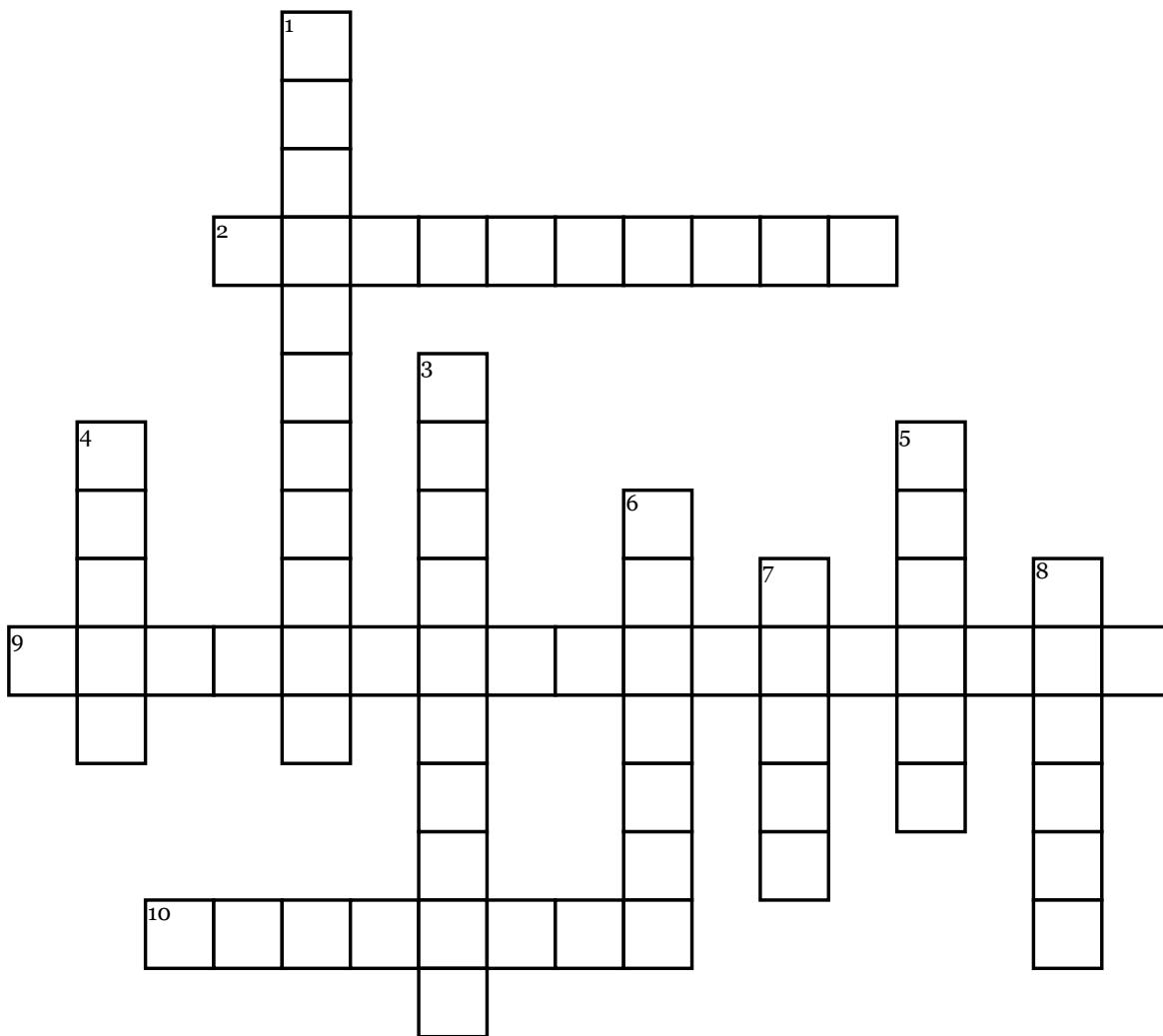


# How do Scientists Study Ecosystems

**Across**

**2.** Advances in what allows ecologists to obtain data in new ways?  
**9.** Some researchers attach what to animals and use global positioning systems to track where and how far the animals travel?  
**10.** Ecologists use several approaches to \_\_\_\_\_ the scientific understanding of ecosystems.

**Down**

**1.** Modeling, experimentation, and what else is the main methods to study ecology?  
**3.** Ecologists may carry out what experiments?

**4.** GIS can convert digital satellite images into global, regional, and what map?  
**5.** Abiotic and what other factor is part of a ecosystems.  
**6.** Methods help researchers identify and \_\_\_\_\_ the rich diversity of species living or feeding in treetop habitats.  
**7.** What research involves going into a natural setting to study one or more features of an ecosystem?  
**8.** What do scientists use to photograph, document, and monitor rates of deforestation?