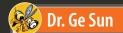


the ground, going into the soils, flowing through the rivers, and eventually moving to the ocean.

Hydrologist Ph.D., University of Florida **USDA Forest Service scientist**

http://www.naturalinquirer.org







Important Scientist Characteristics

Doing science requires a lot of patience and dedication. You do not have to be the smartest to do science, but you do need passion for what you are doing. Critical thinking is essential since our understanding of nature is evolving and what is known even in a textbook may not be the truth.

Example of a simple research question I have tried to answer: How much water does one tree or a forest use in one day or a year?

Technology or equipment used in research:

We used a computer simulation model to simulate the water cycles and predict how climate change will affect future streamflow. Most Exciting Piscovery
I found that removing
trees changed water flow
in a watershed. I can use
mathematical formulas
and computers to
calculate the change and
predict the future.

When did you know you wanted to be a scientist? In high school, I began to love mathematics and chemistry. I wanted to be a scientist because science is fun.