As a hydrologist, I study water in streams, soils, and plants.

Ms. Adelaide (Di) Johnson
Hydrologist
Ph.D. candidate, Portland State University
USDA Forest Service scientist

Meet the Scientist!

CRADLE of FORESTRY Interpretive Association IN AMERICA

http://www.naturalinquirer.org

http://www.scienceinvestigator.org

Ms. Adelaide (Di) Johnson

Important Scientist Characteristics

★ A combination of being curious and wanting to share nature stories keeps me motivated to learn the tools needed to investigate water in our world.

Most Exciting Discovery

Landform shape controls not only hydrology, but also controls site temperature. Getting into the details of these micro sites not only helps you predict what plant species might grow in a particular location, but it also helps you understand the effects of climate change.

Example of a simple research question I have tried to answer: How does water that is in a well respond to different forest cutting treatments? We found that even small forest cutting treatments can significantly increase soil saturation.

Technology or equipment used in research: I have used piezometers to measure water pressure in soils and used pressure bombs to measure the amount of water pressure in plants.

When did you know you wanted to be a scientist?

After college I worked with a community planning agency. I was very excited to learn that, as part of my work, I could study the effects of urban development on stream systems. For me, this meant I could be paid to learn new skills, be curious, and play outside!