



# Joan Wood Lecture Series

*Celebrating Women in Science. Showcasing Careers in Biology.*

Wednesday, March 22, 2017 • 4:00 p.m. • Myers Hall 130

## The remaking of Appalachian ecosystems by mountaintop removal coal mining

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More than 10% of Central Appalachian forests have been transformed by decades of surface coal mining. The associated impacts on air, water, and wildlife resources in the ecoregion have been profound and extend well beyond the permit boundaries of individual mines.

This talk will explore a decade-long effort to answer a series of basic questions about the individual and aggregate effects of mountaintop mines on Appalachian rivers and watersheds. At the same time, the talk will explore the opportunities and challenges inherent to conducting science with immediate policy relevance.



The Indiana University Department of Biology, a unit of the College of Arts and Sciences, administers the Joan Wood Lecture Series. Visit [www.bio.indiana.edu/alumni/support/wood.shtml](http://www.bio.indiana.edu/alumni/support/wood.shtml) for more information on Dr. Wood, the lecture series, or to support the lectures.

The Joan Wood Lecture Series provides a forum for undergraduates to interact with women in science-related careers. Designed to encourage undergraduate women to pursue advanced degrees in science, the series showcases the many career opportunities available to science majors.

Joan Wood, Ph.D., M.D., a medical geneticist, was a strong advocate of women in the sciences. She remained active in educational programs within the IU Department of Biology, where she earned three degrees. Memorial contributions made in her honor helped establish this lecture series.



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