

# GRADUATE EXIT SEMINAR

**JOSHUA FERGEN**

## A Multi-Scalar Examination of the Emerging Geographies of Wind Energy

The demand of renewable energy has spurred the development of massive wind farms across rural America. It is important to understand how a transition away from fossil fuels impact the rural areas where turbines are located. In order to grasp these impacts, it is important to take a variety of approaches to understand the multiple spheres of life that are impacted. In this collection of studies, I examine the spatial distribution of wind energy, regional variations in the relationship between concentration and agricultural characteristics, attitudes and perceived impacts of development in Ohio, and the use of social media to create and sustain community conflict at the local level across two counties in Ohio. The concepts and theories I use come from the many studies on energy development from rural sociologists, geographers, and political ecologists, embracing a scientific approach that utilizes multiple perspectives and methodological techniques.



Advisor: Dr. Jeffrey Jacquet

**FRIDAY, APRIL 10, 2020  
9:00 A.M.****Join the seminar via Zoom:** <https://osu.zoom.us/j/2364021073>**senr.osu.edu****THE OHIO STATE UNIVERSITY**COLLEGE OF FOOD, AGRICULTURAL,  
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