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# Barn Renovation

**Possible Academic Connections:** Civil Engineering

**Recommended project length:** Multi-year

[**Experiential Learning**](https://www.ohio.edu/academic-excellence/experiential-learning/overview)**?** Likely

[**Community Engagement**](https://www.ohio.edu/university-college/campus-community-engagement)**?** Likely

**Remote learning possible?** No

**Connection to** [**OHIO Sustainability & Climate Action Plan**](https://www.ohio.edu/sites/default/files/sites/sustainability/files/2021%20OHIO%20Sustainability%20and%20Climate%20Action%20Plan.pdf)**:** Buildings, Climate, Waste

**Brief description:** Design and renovate the abandoned barn at Hebbardsville Farm using sustainably harvested wood and recycled corrugated metal roof.

**Project contact:**

Tim Anderson, [anderst1@ohio.edu](mailto:anderst1@ohio.edu)

**Project description:**

Redesign and renovate the abandoned barn at Hebbardsville Farm using sustainably harvested wood, recycled corrugated metal roof, and paint created from acid mine drainage. A renovated barn could be used as an education and events center for community and University sustainability activities.

**Resources available to students/faculty to complete project:**

* Student and faculty time
* Existing structure
* Used metal roofing material
* Sustainably harvested wood for flooring

**Project alignment to OHIO Sustainability & Climate Action Plan:**

* [Climate](https://www.ohio.edu/sustainability/operations/climate) (goal #1)
* [Water](https://www.ohio.edu/sustainability/operations/water) (goal #1)
* [Waste](https://www.ohio.edu/sustainability/operations/waste-management) (goal #2)
* [Buildings](https://www.ohio.edu/sustainability/operations/buildings) (goal #1)
* [Curriculum core](https://www.ohio.edu/sites/default/files/sites/sustainability/Sustainability%20and%20Climate%20Action%20Plan%20sections/Core%20Components.pdf)- increase opportunities for formal, experiential, and community-engaged sustainability learning experiences
* [Engagement core](https://www.ohio.edu/sites/default/files/sites/sustainability/Sustainability%20and%20Climate%20Action%20Plan%20sections/Core%20Components.pdf)- 1) offer opportunities to participate in or contribute to sustainability initiatives, and 2) create, enhance & track transformative sustainability engagement ecosystems with University and community partners

**Please send final project deliverables to**[**sustainability@ohio.edu**](mailto:sustainability@ohio.edu)**for tracking and reporting purposes.**