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# Determining Carbon Emissions from Commuting – Average Distance

**Possible Academic Connections:** GIS, Geography, Environmental Studies

**Recommended project length:** Month (repeated annually)

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

[**Community Engagement**](https://www.ohio.edu/university-college/campus-community-engagement)**?** Not likely

**Remote learning possible?** Yes

**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)**:** Climate, Transportation

**Brief description:** Utilize GIS data from Parking Services to determine average distance commuted by Ohio University faculty, staff, and students.

**Project description:**

 Utilize GIS and address data from Transportation & Parking Services to determine average distance commuted by Ohio University faculty, staff and students. Each year, the average commuting distance is required for our Greenhouse Gas Inventory report to Second Nature.

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

* Address data of commuters
* Second Nature technical manual

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

* [Climate](https://www.ohio.edu/sustainability/operations/climate) (goal #1 and #2)
* [Transportation](https://www.ohio.edu/sustainability/programs/transportation) (goal #1)
* Administrative Support - Achieve recognition for innovative and robust sustainability planning, coordination and governance

**Please send final project deliverables to****sustainability@ohio.edu****for tracking and reporting purposes.**