

CURRICULUM VITAE

Campus Address:

288 Farm Ln, Room 207
East Lansing, MI 48823

Jacob T. Stid

jtstid15@gmail.com

(517) – 899 – 2035

Permanent Address:

Okemos, MI 48864

EDUCATION

2021 – 2025	Ph.D. Earth and Environmental Sciences <i>Dissertation: Renewable Energy Landscapes: Mapping the Footprint and Impact of Solar and Wind Energy Development Across the United States</i> Advisor: Dr. Anthony D. Kendall	Michigan State University
2019 – 2021	M.Sc. Geological Sciences with Certificate in Spatial Ecology <i>Thesis: Detection and Assessment of Food, Energy, and Water Impacts of Solar Photovoltaic Co-Location in California's Central Valley</i> Advisor: Dr. David W. Hyndman	Michigan State University
2015 – 2019	B.S. Geological Sciences with Minor in Environmental Science <i>Magna Cum Laude</i>	Hope College

PROFESSIONAL APPOINTMENTS

2025 – Present	Postdoctoral Scholar, Earth and Environmental Sciences, MSU
2026 – Present	Data and Geospatial Analysis Lead, Research Consultant, AgriSolar Consulting
2019 – 2025	Research Assistant, Earth and Environmental Sciences, MSU
2020 – 2022	Teaching Assistant, Integrative Studies in General Sciences, Geological Sciences, MSU
2020	Seasonal Geospatial Research Assistant, NASA DEVELOP National Program, NASA Langley
2018 – 2019	Research Assistant, Aeolian Geomorphology, Geological Sciences, Hope College
2018	Teaching Assistant, Planet Earth Intro Lab, Geological Sciences, Hope College

PEER-REVIEWED PUBLICATIONS

2025	Stid, J.T. , Kendall, A.D., Anctil, A., Rapp, J., Bingaman J.C., Hyndman, D.W. (2025) A harmonized dataset of ground-mounted solar energy in the US with enhanced metadata. <i>Scientific Data</i> . 12 , 1586, http://doi.org/10.1038/s41597-025-05862-4 . Stid, J.T. , Shukla, S., Kendall, A.D., Anctil, A., Hyndman, D.W., Rapp, J., Anex, R. (2025). Impacts of agrisolar co-location on the food–energy–water nexus and economic security. <i>Nature Sustainability</i> . 8 , 702-713, https://doi.org/10.1038/s41893-025-01546-4 .
2022	Stid, J.T. , Shukla, S., Anctil, A., Kendall, A.D., Rapp, J., & Hyndman, D.W. (2022). Solar array placement, electricity generation, and cropland displacement across California's Central Valley. <i>Science of The Total Environment</i> , 835 , 155240. https://doi.org/10.1016/j.scitotenv.2022.155240 .
2021	Peterson, J.W., Fry, B.M., Wade, D.R., Fishman, F.J., Stid, J.T. , Peterson, J.M., Tarp, C.E., Wade, R.D., Brokus, S.A., Pikaart, M.J., Krueger, B.R., Best, A.A., (2021). Application of Point-of-Use Water Filters and Polyurethane Foams as a Global 6 Reconnaissance Method to Characterize Particulates and Heavy Metals in Untreated Drinking Water Sources, <i>Environmental Monitoring and Assessment</i> . 193 , 307. https://doi.org/10.1007/s10661-021-09086-y .

FUNDING ACQUISITION & GRANT WRITING

2026	Co-Investigator and Lead Author, Renewable Natural Resources Foundation (RNRF) Grant Program (<i>submitted</i>) <i>Anatomy of Our Energy Landscape: Community-Engaged Mapping of Solar Infrastructure</i>	\$200,000
	Prime Subcontractor, Michigan EGLE: The Development of a Renewables Ready Communities Strategic Plan Bid with FEV North America (<i>not funded</i>)	\$200,000
	Key Personnel, USDA NIFA Organic Agriculture Research and Extension Initiative (<i>submitted</i>) <i>Honey bees as Biosensors: A Spatial Contamination Risk Assessment Tool for Organic Field Crop Producers and</i>	\$3,500,000

	Data and Geospatial Analysis Lead, Uncommon Dialogue on Large-Scale U.S. Solar Development: Integrating Climate, Conservation, and Community Information Tools, Working Group 4 (funded)	\$50,000
2025	Co-PI, Renewable Energy Wildlife Research Fund, 2025 Solar RFP (<i>not funded</i>) <i>Ecophysiological impacts of solar arrays in water limited grasslands</i>	\$150,000
	Co-Author, NSF Growing Convergence Research Proposal (funded) <i>Growing REstorative Agroenergy Landscapes (REAL)</i>	\$3,600,000
	Co-Author, NSF Regional Resilience Innovation Incubator (R2I2) (<i>not funded</i>) <i>Sustainable Communities Agriculture Landscapes and Energy (SCALE): Building Resilience with Agrisolar Photovoltaics</i>	\$500,000
2024	Co-Author, MSU Agricultural Climate Resiliency Competitive Grants Program (<i>not funded</i>) <i>Climate Smart Farming with Agrisolar PV: Strengthening Michigan's Agricultural Resilience</i>	\$1,275,000
	Assisting Author, NSF Growing Convergence Research Proposal (<i>not funded</i>) <i>Advancing Sustainable Net-Zero Energy with REstorative Agroenergy Landscape (REAL) Design</i>	\$3,600,000
2023	Assisting Author, USDA Foundation for Food & Agriculture Research Proposal (funded) <i>Integrating On-Farm Solar Arrays to Enhance Recharge, Produce Energy, and Diversify Farm Income</i>	\$1,600,000
	Author, METER Group Grant A. Harris Fellowship (funded) <i>Towards Understanding the Impacts of Ground-Mounted Solar Installations on Local Hydrology and Soil Conditions</i>	\$10,000
2022	Assisting Author, MSU Climate Change Research Support Program (CCRSP) (funded) <i>Building a Foundation for SCALE (Sustainable Communities, Agriculture, Landscapes, and Energy)</i>	\$100,000
	Assisting Author, NSF Growing Convergence Research Proposal (<i>not funded</i>) <i>Achieving Net-zero by Prioritizing Community Benefits with Informed Design of Energy Agroecosystem Landscapes (IDEAL).</i>	\$3,600,000
2021	Author, NSF Graduate Research Fellowship Proposal (<i>not funded</i>) <i>Characterizing Great Lakes' Coastlines: Determining freshwater coastal wetland lifespans and the hydrogeochemical consequences of changing coastal systems using remote sensing and modeling.</i>	\$102,000
2020	Assisting Author, DOE Solar and Agriculture Proposal (<i>not funded</i>) <i>Food, energy, and water benefits of co-locating solar and agriculture in marginal and irrigated Lands Across the U.S.</i>	\$2,000,000
2018	Co-Author, Michigan Space Grant Consortium Proposal (funded) <i>Using drone acquired, high-resolution, multispectral imaging to predict and monitor coastal dune mobility: An example from the southeastern shore of Lake Michigan</i>	\$5,000

HONORS & AWARDS

2026	Earth and Environmental Sciences Excellence in PhD Dissertation Award
2024	Earth and Environmental Sciences Student Symposium Best Student Poster Award
2023	IEEE PVSC 50 Best Student Paper Award (Area 11: PV Deployment, Policy, and Sustainability)
2022	Earth and Environmental Sciences Excellence in MS Research Award
2021	Lucile Drake Pringle and Gordon H. Pringle Endowed Fellowship
2020	Executive board member of the Graduate Student Organization (Michigan State University)
2019	Member of Phi Beta Kappa Academic Honors Society Tulip City Gem and Mineral Club Scholarship Holland/Hope College Sustainability Prize Sigma Xi Scientific Research Society: Senior Research Award MSU Earth and Environmental Sciences Alumni Fellowship
2018	Hope College Faculty Book Award Executive board member of Mortar National Honor Society (Dianne Portfleet Alcor Chapter)

PROFESSIONAL PRESENTATIONS, TALKS, & POSTERS

- 2026 Kendall, A.D., Bingaman, J., **Stid, J.T.**, Szydlowski, H., Zipper, S., Anctil, A., Rashid, E., Parker, H., Harp, M.C., Ifft, J., Enhancing water, energy, and food security in irrigated agricultural landscapes with agrisolar photovoltaics. GSA Fall Meeting, Denver, CO, October 1-14 (*planned*)
- Szydlowski, H., Zipper, S., Kendall, A.D., Bingaman, J., Stid, J.T., Anctil, A., Rashid, E., Parker, H., Harp, M.C., Ifft, J., Soil Moisture Response by Pivot-Corner Solar Recharge Systems. AGU Fall Meeting, San Fransico, CA, December 15-19 (*planned*)
- Dagati, M., **Stid, J.T.**, Anctil, A., Mapping the spatial distribution of embodied material stock within thin-film CdTe utility-scale solar arrays in the United States. International Symposium on Sustainable Systems and Technology (ISSST) 2026 Conference, Rochester, NY, June 16-18
- 2025 **Stid, J.T.**, Kendall, A.D., Anctil, A., Bingaman, J.C., Ellsworth, A., Bonten, C., Rapp, J., OurEnergyLandscape: A Harmonized Spatiotemporal Inventory of Solar Infrastructure and its Impacts on Land, Food, and Ecosystems in North America, AGU Fall Meeting, New Orleans, LA, December 15-19
- Stid, J.T.**, Kendall, A.D., Anctil, A., Deines, J.M, Wind farms boost farmer income without threatening agricultural security across the US Corn Belt, AGU Fall Meeting, New Orleans, LA, December 15-19
- Kendall, A.D., **Stid, J.T.**, Bingaman, J.C., Anctil, A., Zipper, S., Szydlowski H., Harnessing agrisolar PV to address water scarcity in irrigated regions, AGU Fall Meeting, New Orleans, LA, December 15-19
- Bingaman, J.C., **Stid, J.T.**, Kendall, A.D., Anctil, A., Zipper, S., Szydlowski H., Designing Agrisolar Landscapes to Enhance Groundwater Recharge in Southwest Kansas, AGU Fall Meeting, New Orleans, LA, December 15-19
- Mirzendehtdel, B., Kendall, A.D., **Stid, J.T.**, Hyndman, D.W., Can the decline in groundwater storage in California's Central Valley be reversed or stabilized using Managed Aquifer Recharge (MAR) practice?, AGU Fall Meeting, New Orleans, LA, December 15-19
- Rapp, J., Kendall, A.D., **Stid, J.T.**, Pipe Dreams: Mapping Field-Scale Irrigation Water Use Across the Contiguous United States (CONUS), AGU Fall Meeting, New Orleans, LA, December 15-19
- Zipper, S., Szydlowski H., Kendall, A.D., Bingaman, J.C., **Stid, J.T.**, Deng, C., Anctil A., Ifft, J., Integrating renewable energy into agricultural landscapes: Co-development of a novel water-energy-food-environment synergy in southwestern Kansas, USA, AGU Fall Meeting, New Orleans, LA, December 15-19
- Zipper, S., Bingaman, J.C., Deng, C., **Stid, J.T.**, Szydlowski, H., Anctil, A., Ifft, J., Kendall, A.D., Integrating renewable energy into agricultural landscapes for water-energy-food-environment synergies: Co-development of a novel approach in southwestern Kansas, USA, The 2nd International Sociohydrology Conference, Tokyo, Japan, July 19-21
- Stid, J.T.**, Kendall, A.D., Rapp, J., Anctil, A., GM-SEUS: An enhanced and harmonized US ground-mounted solar array and panel-row dataset spanning commercial and utility scales, 53rd IEEE Photovoltaic Specialists Conference, Montreal, Québec, Canada, June 8-13
- Bingaman, J.C., **Stid, J.T.**, Kendall, A.D., Szydlowski, H., Zipper, S., Anctil, A., Deng, C., Harnessing the corners of pivot irrigated fields for solar energy, groundwater, and improved farm resiliency, 53rd IEEE Photovoltaic Specialists Conference, Montreal, Québec, Canada, June 8-13
- 2023 **Stid, J.T.**, Kendall, A.D., Anctil, A., Rapp, J., Hyndman, D.W., Integrating Agricultural Resources into United States Renewable Energy Placement Decisions, AGU Fall Meeting, San Fransico, CA, December 11-15
- Mirzendehtdel, B., Kendall, A.D., **Stid, J.T.**, Dahlke, H.E., Hyndman, D.W., Anctil, A., Toward a Green Sustainable Groundwater Restoration Method in Central Valley: Simulating Solar Ag-MAR, AGU Fall Meeting, San Fransico, CA, December 11-15
- Kendall, A.D., **Stid, J.T.**, Mirzendehtdel, B., Dahlke, H.E., Hyndman, D.W., Anctil, A., Exploring the Potential for Managed Aquifer Recharge Within Agricultural Solar Arrays (Solar Ag-MAR) to Enhance Energy and Water Sustainability in California's Central Valley, AGU Fall Meeting, San Fransico, CA, December 11-15
- Stid, J.T.**, Kendall, A.D., Anctil, A., Rapp, J., Hyndman, D.W., The United States Renewable Energy Landscape: Siting, Management, and Potential Impacts, 50th IEEE Photovoltaic Specialists Conference, San Juan, Puerto Rico, June 11-16

- Deng, C., **Stid, J.T.**, Nain, P., Anctil, A., Identification of Module Replacements in US Utility-Scale Photovoltaic Installations, 50th IEEE Photovoltaic Specialists Conference, San Juan, Puerto Rico, June 11-16
- 2022 **Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Rapp, J., Hyndman, D.W., Sustainable energy landscapes: Towards understanding the hydrological implications of replacing agricultural land with solar energy, Sustain Valencia 2022, Valencia, Spain, October 6-8
- Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Rapp, J., Hyndman, D.W., Implications of Agriculturally Co-Located Solar PV Installations on the FEW Nexus in the Central Valley, 49th IEEE Photovoltaic Specialists Conference, Philadelphia, PA, June 5-10
- Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Hyndman, D.W., The Food, Energy, Water, Carbon, and Economic Impacts of Solar Photovoltaic Co-Location in California's Central Valley, USDA-NSF INFEWS PI Workshop, Remote, February 9-11
- 2021 **Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Hyndman, D.W., Detection and Analysis of Food, Energy, Water, Carbon, and Economic Impacts of Solar Photovoltaic Co-Location in California's Central Valley, AGU Fall Meeting, Remote, December 13-17
- Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Hyndman, D.W., Detection and analysis of food, energy, water, carbon, and economic impacts of solar photovoltaic co-location in California's Central Valley, Solar Power and Wildlife/Natural Resources Symposium, Remote, December 1-3
- 2020 **Stid, J.T.**, Gates, E., Le Compte, A., Ngyuen, D., Utilizing Airborne and Space-Based Remote Sensing Imagery to Implement the Unvegetated-Vegetated Ratio to Assess Salt Marsh Vulnerability in South Carolina, AGU Fall Meeting, Remote, December 1 – 17
- Stid, J.T.**, Gates, E., Le Compte, A., Ngyuen, D., Utilizing Airborne and Space-Based Remote Sensing Imagery to Implement the Unvegetated-Vegetated Ratio to Assess Salt Marsh Vulnerability in South Carolina, NASA Applied Sciences Program, Remote, August 3 – 6
- 2019 **Stid, J.T.**, Kendall, A.D., and Hyndman, D.W., Constructing a New Integrated Hydrologic Model over California's Central Valley to Help Inform Irrigation Practices, AGU Fall meeting, San Francisco, CA, USA, December 12 – 16
- Krebsbach, J., Yurk, B.P., Pearson, P., **Stid, J.T.**, and Hansen, E.C., Vegetation and Topography Mapping of Coastal Dune Complexes Using Small Unmanned Aerial Systems and Ground Based Imagery, Geological Society of America Annual Meeting, Phoenix, Arizona, USA, September 22 – 25
- Fry, B., Wade, D.R., Fishman, F., Peterson, J.W., Pikaart, M.J., Schumann, E., **Stid, J.T.**, Peterson, J.M., Brokus, S.A., Wade, R.D., Best, A.A., and Krueger, B., Heavy Metals in Water: A Global Survey to Characterize Untreated Drinking Sources, Geological Society of America Annual Meeting, Phoenix, Arizona, USA, September 22 – 25
- 2018 **Stid, J.T.**, Hansen E.C., and Yurk, B.P., Using Drone Acquired, High-Resolution, Multispectral Imaging to Predict and Monitor Coastal Dune Mobility: An Example from the Southeastern Shore of Lake Michigan, Michigan Space Grant Consortium Annual Meeting, Ann Arbor, MI, USA, November 10
- Stid, J.T.**, Hansen E.C., and Yurk, B.P., Using Drone Acquired, High-Resolution, Multispectral Imaging to Predict and Monitor Coastal Dune Mobility: An Example from the Southeastern Shore of Lake Michigan, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7
- Yurk, B.P., **Stid, J.T.**, The Role of Gusts and Turbulent Eddies in Transporting Sand on the Lee Slope of Massive Parabolic Dunes, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7
- Bodenbender, B.E., Hansen, E.C., Yurk, B.P., DeVries-Zimmerman, S.J., and **Stid, J.T.**, Sand Deposition by Grainfall Beyond the Lee Slope of a Large Parabolic Dune, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7
- Donaldson, A., DeVries-Zimmerman, S.J., **Stid, J.T.**, and Yurk, B.P., Using Remote Sensing to Monitor Historic and Current Ecological Changes in a Great Lakes Slack/Interdunal Wetland, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7

Peterson, J.W., Fry, B., Peterson, J.M., **Stid, J.T.**, Wade, R.D., Brokus, S.A., Pikaart, M.J., and Best, A.A., Global Reconnaissance Survey of Metals in Untreated Drinking Water Sources, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7

Wade, D.R., Vanderroest, J.P., Tarp, C.E., **Stid, J.T.**, Peterson, J.M., Peterson, J.J., Wade, R.D., Brokus, S.A., Best, A.A., Pikaart, M.J., and Peterson, J.W., A Global Reconnaissance Survey of Particulates in Untreated Drinking Water Sources: Potential Relationships to Worldwide Metadata, Geological Society of America Annual Meeting, Indianapolis, IN, USA, November 4 – 7

Huffman, M., **Stid, J.T.**, Hansen E.C., Yurk, B.P., and Pearson, P., Using Remotely Acquired Images to Map Vegetation Densities in Open Dune Environments: A Case Study from Coastal Dunes Along the Southeastern Shore of Lake Michigan, Coastal Dune Dynamics During Rising Sea/Lake Levels Workshop at Indiana University Northwest, Gary, IN, April 25

SOFTWARE & DATASET CONTRIBUTIONS

- 2026 **Stid, J.T.**, Kendall, A. D., Rapp, J., Bingham, J. C. (2026). GM-SEUS 2025: A harmonized dataset of ground-mounted solar energy in the US with enhanced metadata. Data: doi.org/10.5281/zenodo.19581821, Code: doi.org/10.5281/zenodo.19665393.
- 2025 Bonten, C., **Stid, J.T.**, Ellsworth, A., Kendall, A. D. (2025). Digitized geospatial dataset of ground-mounted solar energy panel-rows in the United States. Data: doi.org/10.5281/zenodo.17042798.
- 2023 **Stid, J.T.** (2023). Agrisolar Food, Energy, and Water and economic Lifecycle Scenario (FEWLS) Tool. Data: doi.org/10.5281/zenodo.10023294, Code: doi.org/10.5281/zenodo.10023281.
- Stid, J.T.**, Shukla, S., Anctil, A., Kendall, A.D., Rapp, J., & Hyndman, D.W. (2023). Spatiotemporally Characterized Ground-Mounted Solar PV Arrays Within California's Central Valley. figshare. Dataset. doi.org/10.6084/m9.figshare.23629326.v1.
- 2021 Lead Software Innovator, Developer, and Programmer: *Salt Marsh Assessment of Vulnerability: Unvegetated-to-Vegetated Ratio Tool – (SMAV UVVR Tool)*. Google Earth Engine source code developed in collaboration with the NASA DEVELOP Capacity building program and South Carolina Department of Natural Resources.

SERVICE, OUTREACH, & OTHER PUBLICATIONS

Peer-Reviews: Journal of Hydrology, Nature Communications, Geography & Sustainability (USGS, friendly)

Courses Taught, Workshops, & Guest Lectures:

- 2026 Coding for Engineers Using AI, Internal research group 6-week interactive workshop (*co-lead*)
- 2025 Introduction to Environmental Science and Global Change (GLG-200), Lecture on environmental considerations of renewable energy systems (*guest lecture*)
- 2024 Hydrogeology (GLG-401) (*guest lecture*)
- 2022 Geology of the Human Environment Laboratory (ISP-203L), 3 sections (*laboratory instructor*)
- 2021 Geology of the Human Environment Laboratory (ISP-203L), 3 sections (*laboratory instructor*)
- 2020 Geology of the Human Environment Laboratory (ISP-203L), 3 sections (*laboratory instructor*)

Interviews & Outreach Activities:

- 2026 Michigan State University REstorative Agroenergy Landscapes (REAL) Project Team and Partner Retreat (W.K. Kellogg Biological Station) January 21st-22nd (*co-host*)
- Northwest Orchard and Vineyard Show (Northwest Michigan Horticultural Research Foundation), How does on-farm solar photovoltaics affect farmers, surrounding land, and communities? January 14th, 2026 (*invited agrisolar speaker*)
- 2025 Safe Harbor + Agrivoltaics Panel Webinar ([United Agrivoltaics](#)), September 3rd and 16th (*invited expert panelist*)
- MSU Extension Agrivoltaic Course, (MSU Extension, in prep) (*module reviewer*)
- Should farm fields be used for crops or solar? MSU research suggests both ([MSUToday](#)), April 22nd (*media interview*)
- Michigan State University study: Crops and solar panels can coexist ([Public News Service Radio](#)), April 23rd (*media interview*)

Solar research suggests economic and water benefits for farmers ([Brownfield Ag News Radio](#)), April 29th (*radio interview*)

Farmers are making bank harvesting a new crop: Solar energy ([Grist](#)), April 30th (*media interview*)

The Offset Magazine (St. George's University of London) interview: Water scarcity and low food prices are pushing farmers to ditch orchards for solar panels ([The Offset Magazine - St. George's University of London](#)), June 6th (*media interview*)

California farmers identify a hot new cash crop: Solar power ([The Conversation](#)), July 16 (*co-written plain language piece*)

2023 Alumni Sustainability Affinity Group, Hope College Connection Live! Sustainability Event, Holland, MI, October 3 (*invited panelist*)

2019 Research in Coastal Dune Mobility: A Close to Home Case Study, ([Holland Sentinel](#)), Mitchell, Kyle. Researchers from Hope College have been studying the movement of soil and erosion along Lake Michigan. ([WOODTV.com](#)). October 28th (*TV interview*)

Other Publications:

2025 Lead Author, Current Knowledge on Low-Impact Ground-Mounted Solar Siting, Construction, and Installation Practices
KGS Open File Report: www.kgs.ku.edu/Publications/OFR/2025/OFR2025-20.pdf

2023 Author, Pollinator Forage Distance and Agricultural Forage Nutritional Density: Literature Review
Internal Report for the Regenerative Apiculture Working Group – Pro Bono

RELVANT SOFTWARE, PACKAGES, & COURSEWORK EXPERIENCE

Software: Google Earth Engine | R | Python | ArcGIS Pro | QGIS | OpenLCA | Unix Shell | Github | MODFLOW

Packages: sf | dplyr | tidyverse | raster | ee | geemap | geopandas | rasterio | numpy | flopy | opencv | osmnx

Coursework: Spatial Data Analysis | Geographic Object-Based Image Analysis | Agricultural Climatology | Spatial Ecology | Remote Sensing of Terrestrial Ecosystems | Deep Learning - Special Projects | Ecohydrology | Life Cycle Assessment of Energy Systems | Watershed Hydrology | Pollinator Ecology and Management | Regional Water Resources

PROFESSIONAL AFFILIATIONS

Current: Michigan Clean Energy Leaders, American Geophysical Union, Institute of Electrical and Electronics Engineers, Michigan Great Lakes Renewable Energy Association

Past: Geological Society of America, Renewable Energy Wildlife Institute

INVENTIONS & PATENTS

2025 Filed an invention disclosure with MSU entitled “A ground-mounted solar photovoltaic system designed to increase groundwater resources”

CONNECT

Digital Portfolio: <https://sites.google.com/view/jacob-stid-digital-portfolio>

LinkedIn: <https://www.linkedin.com/in/jake-stid-38bb23131/>

ORCID: <https://orcid.org/0000-0003-2428-2340>

Google Scholar: <https://scholar.google.com/citations?user=TstAgmEAAAAJ&hl=en&oi=ao>

Phone: (1) 517-899-2035