

# KOLT H. VAUGHN, MPA

*Advanced Environmental Scientist & Specialist*

505-819-8205 | kolt.vaughn@env.nm.gov | www.linkedin.com/in/kolt-vaughn

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## EDUCATION

- 2019 – 2021**      **Indiana University, O'Neill School of Public & Environmental Affairs**
- MPA - Master of Public Affairs, Env. Policy & Natural Resource Mgmt.
- 2017 – 2019**      **University of Oklahoma, College of Atmospheric & Geographic Sciences**
- BA - Bachelor of Arts, Env. Sustainability, Public Affairs and Administration
- 2015 – 2017**      **Rose State College**
- AA - Associate of Arts, General

## EXPERIENCE

- 09/23 – Present**      **Climate Change Bureau at the New Mexico Environment Department**  
*Advanced Environmental Scientist & Specialist*
- Coordinating the state's Climate Pollution Reduction Grant application, including investigating program design, and crafting efficacious measures to reduce greenhouse gas emissions.
  - Analyzed & reported the environmental, economic, & health benefits of the state's recently promulgated Advanced Clean Cars II, Advanced Clean Trucks, & Heavy-Duty, Low-NO<sub>x</sub> Omnibus Rules & facilitated related community, stakeholder, & tribal engagement.
- 08/21 – 09/23**      **Environmental Health & Safety Dept. at the University of New Mexico (UNM)**  
*Environmental Health & Safety Specialist*
- Administered UNM's:
    - Stormwater, Wastewater, Drinking Water, Pollution Prevention, & Petroleum Storage Tank Programs,
    - Spill Prevention, Control, & Countermeasure Plan, &
    - Respiratory Protection Program.
  - Co-administered UNM's:
    - Clean Air Act Title V Permit, &
    - Spill Response Team.
- 01/21 – 05/21**      **O'Neill School of Public and Environmental Affairs at Indiana University**  
*Graduate Teaching Assistant*
- Co-instructed "Environmental Law," a graduate-level course, covering curriculum relating to federal environmental statutes and policies.
- 08/19 – 05/21**      **Highway Dept. at Monroe County Government (Indiana)**  
*Stormwater Fellow*
- Assisted with the research & publication of ordinances, programs, & standard operating procedures to comply with environmental permits.
- 05/20 – 12/20**      **Environmental Resilience Institute at Indiana University**  
*Indiana Climate Fellow*
- Researched & co-authored "The City of Goshen's Climate Action Plan for Local Government Operations."

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06/19 – 08/19

## **Biosystems & Agricultural Engineering Dept. at Oklahoma State University**

### *Temporary Research Associate*

- Investigated and assembled planning literature to empower municipalities to respond to -- and recover from -- tornado incidents impacting riparian areas and their natural resources.
- Authored the factsheet, "Planning for Response and Recovery of Water Resources After Tornadoes."

02/18 – 08/19

## **Oklahoma Water Survey at the University of Oklahoma**

### *Assistant Hydrologic Scientist*

- Researched & authored the "Low Impact Development Inspection & Maintenance Manual" for the City of Tulsa, OK.
- Coordinated a state-wide 303(d) impaired stream monitoring program.

## CERTIFICATES

2023

### **University of Texas at Arlington (UTA), OSHA Training Institute**

- *Specialist in Safety & Health (SSH)*

2023

### **Aeromet Engineering Inc.**

- *Certificate in Clean Air Act Method 9, Point Source Opacity Observations*

2022

### **US Environmental Protection Agency (USEPA)**

- *Construction General Permit (CGP) Site Inspector Certification*

2022

### **National Stormwater Center**

- *Certified Stormwater Inspector*

2022

### **DC Environmental, Inc.**

- *Certificate in Hazardous Waste Operations & Emergency Response (HAZWOPER)*

2021

### **Federal Emergency Management Agency (FEMA)**

- *Certificate in Advanced Incident Command System for Complex Incidents (FEMA ICS-400 and prerequisites)*

2014

### **US Dept. of Transportation (USDOT), Federal Aviation Administration (FAA)**

- *Certified Airframe & Powerplant Mechanic*

## CO-/PUBLICATIONS

2022

### *Stormwater Guidance for UNM Staff & Contractors*

- <https://ehs.unm.edu/assets/documents/storm-water/stormwater-guidance-for-unm-staff-and-contractors---signed.pdf>

2022

### *UNM Spill Prevention, Control, and Countermeasure (SPCC) Plan*

- <https://ehs.unm.edu/assets/documents/spcc.pdf>

2021

### *The City of Goshen's Climate Action Plan for Local Government Operations*

- [https://goshenindiana.org/media/uploads/1/10131\\_Final-Goshen-CAP-7-19-2021.pdf](https://goshenindiana.org/media/uploads/1/10131_Final-Goshen-CAP-7-19-2021.pdf)

2021

### *Enhanced Renewables in the State/RTO Nexus: A Heartland Case Study*

- [https://www.rstreet.org/wp-content/uploads/2021/05/Indiana-University\\_O'Neill-School\\_Capstone-Report\\_4\\_28\\_2021-2.pdf](https://www.rstreet.org/wp-content/uploads/2021/05/Indiana-University_O'Neill-School_Capstone-Report_4_28_2021-2.pdf)

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2020	<i>Stormwater Services Transition &amp; Business Plan</i> <ul style="list-style-type: none"><li>• <i>Unavailable.</i></li></ul>
2020	<i>Climate Action Plan, Workplace Survey Highlights</i> <ul style="list-style-type: none"><li>• <a href="https://goshenindiana.org/media/uploads/0/8239_2020_CAP_Workplace_Survey_Highlights.jpg">https://goshenindiana.org/media/uploads/0/8239_2020_CAP_Workplace_Survey_Highlights.jpg</a></li></ul>
2019	<i>A Feasibility Assessment: Developing a Permanent Household Hazardous Waste Facility in the City of Norman</i> <ul style="list-style-type: none"><li>• <a href="https://www.researchgate.net/publication/334454298_A_FEASIBILITY_ASSESSMENT_-_Developing_a_Permanent_Household_Hazardous_Waste_Facility_in_Norman_Oklahoma?channel=doi&amp;linkId=5d2b762492851cf44084f1a2&amp;showFulltext=true">https://www.researchgate.net/publication/334454298_A_FEASIBILITY_ASSESSMENT - Developing a Permanent Household Hazardous Waste Facility in Norman Oklahoma?channel=doi&amp;linkId=5d2b762492851cf44084f1a2&amp;showFulltext=true</a></li></ul>