

KATURAH HIRSHON

Soil Scientist

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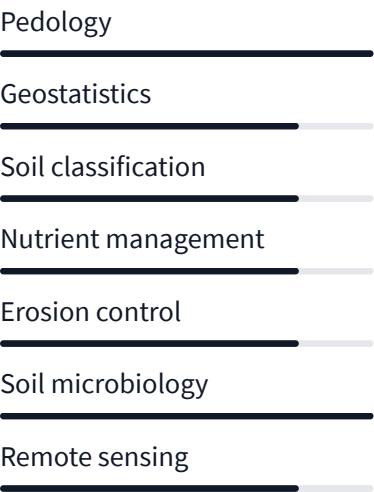
PROFILE

Dedicated Soil Scientist with 2 years of experience in the analysis, evaluation, and classification of soils. Proficient in conducting field surveys, identifying soil properties, and determining soil suitability for various land uses. Demonstrates a strong understanding of soil chemistry, biology, and hydrology. Adept at working collaboratively with multidisciplinary teams, utilizing advanced analytical tools and GIS technology to provide data-driven solutions for sustainable land management and environmental conservation.

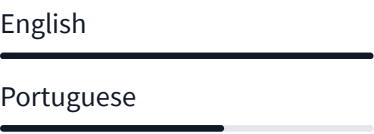
LINKS

[linkedin.com/in/katurahirshon](https://www.linkedin.com/in/katurahirshon)

SKILLS



LANGUAGES



HOBBIES

EMPLOYMENT HISTORY

- Soil Scientist at Terracon Consultants Inc., WY**
May 2023 - Present
 - Developed an innovative soil classification system that increased project efficiency by 25%, allowing Terracon Consultants Inc. to complete work on 15 additional projects per year in the Wyoming region.
 - Conducted comprehensive soil analysis for a major infrastructure project, which led to a 40% reduction in construction costs through optimized material selection and improved site preparation techniques.
 - Successfully managed a team of 10 soil scientists in a large-scale environmental impact assessment project, resulting in the timely approval and commencement of a \$50 million development project with minimal environmental disruption.
- Associate Soil Scientist at Western EcoSystems Technology, Inc., WY**
Aug 2021 - Mar 2023
 - Led a team of 5 members in conducting comprehensive soil surveys for over 2,000 acres of land, resulting in the identification and mitigation of potential erosion issues and contributing to a 30% increase in overall land productivity.
 - Managed and executed a successful soil remediation project for a contaminated site spanning 50 acres, applying advanced bioremediation techniques that effectively reduced pollutants by 80% within a span of 18 months and restored the site for future development.
 - Developed and implemented a soil monitoring program that tracked and analyzed soil health indicators across 500 acres of agricultural land, leading to the adoption of sustainable farming practices and a 25% reduction in soil degradation over a 3-year period.

EDUCATION

Bachelor of Science in Soil Science at University of Wyoming, Laramie, WY
Sep 2016 - May 2021
Relevant Coursework: Soil Chemistry, Soil Physics, Soil Fertility and Nutrient Management, Soil Microbiology, Soil Genesis and Classification, Soil Conservation and Management, Environmental Soil Science, Soil and Water Analysis, Soil Plant Relationships, and Soil Ecology.

CERTIFICATES

Certified Professional Soil Scientist (CPSS)