MICHAEL ANDERSON

FOREST DATA SPECIALIST

CONTACT

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SKILLS

- LIDAR
- Multispectral imagery
- Forest inventory
- Policy development
- Conservation strategies
- Data visualization

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE, COLORADO STATE UNIVERSITY, 2012

ACHIEVEMENTS

- Developed a remote sensing framework adopted by multiple forestry agencies.
- Improved forest monitoring efficiency by 40% through innovative techniques.
- Contributed to a national report on forest health indicators.

PROFILE

Distinguished Remote Sensing Forestry Specialist with a robust background in utilizing remote sensing technologies to enhance forestry practices and environmental conservation. Proficient in the application of LIDAR and multispectral imagery for precise forest inventory and monitoring. Demonstrated success in leading projects that integrate advanced remote sensing techniques with ecological research, resulting in significant advancements in forest management strategies.

EXPERIENCE

FOREST DATA SPECIALIST

Green Earth Analytics

2016 - Present

- Led the implementation of LIDAR technology for detailed forest structure analysis.
- Conducted workshops on remote sensing applications for forest conservation.
- Produced high-resolution forest maps for resource management.
- Analyzed land-use changes using remote sensing data.
- Collaborated with government agencies on forest policy development.
- Monitored forest regeneration through satellite imagery analysis.

REMOTE SENSING CONSULTANT

Forestry Innovations Group

2014 - 2016

- Provided consultancy on the integration of remote sensing in forestry practices.
- Developed predictive models for assessing forest health and biodiversity.
- Facilitated the use of remote sensing data in community forestry projects.
- Conducted training sessions for forestry professionals on data interpretation.
- Evaluated the effectiveness of conservation programs using remote sensing metrics.
- Authored a guide on best practices for remote sensing in forestry.