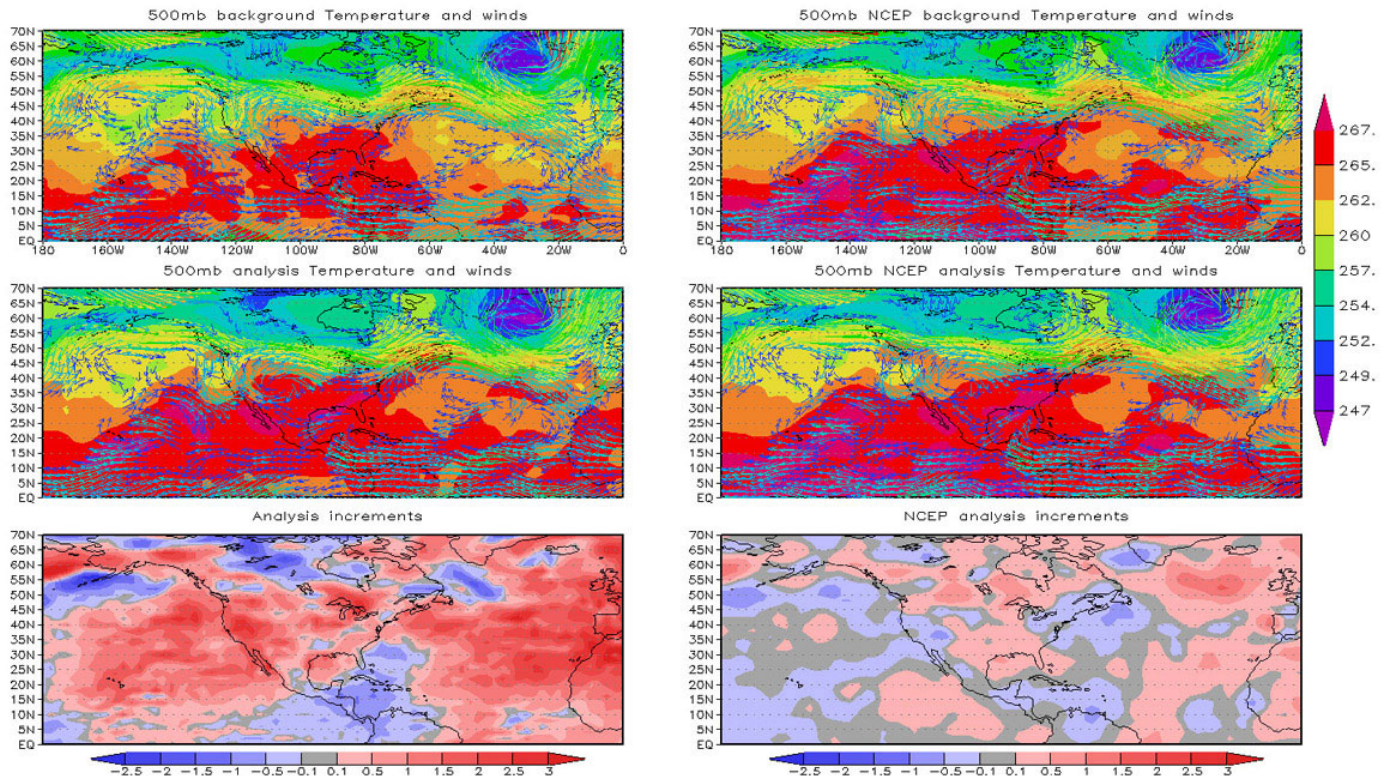


My NASA Data - STEM Career Connections

MATHEMATICS: Mathematical Modeler



Education

Mathematical modelers require a minimum of a bachelor's degree in mathematics, followed by a master's or Ph.D. degree in applied mathematics. Industry software certifications are also essential.

Related Fields

- Machine Learning Research Scientist [Link](#)
- Cognitive Algorithms Research Scientist [Link](#)

Work Description

Mathematical modelers use mathematics to create models that demonstrate complex processes or solve problems. Many mathematical modelers use their skills to create and animate 3D representations of their processes with the assistance of software technology.

Why is this job Important?

Mathematical modelers are important because they help us understand phenomena and predict how they will behave over time. They also provide insights into how these phenomena interact with one another.

NASA Connections

Job Title NASA Examples:

- Data modeler
- Mathematical Statistician?????

NASA Career Links:

- [NASA Careers](#)
- [NASA Internships & Fellowships Pathways](#)
- [NASA Student Volunteer Program](#)