

CLIMATE CHANGE ANALYST

Climate change analysts look at research and data about our planet's climate. A career in this field can include looking at temperatures, polar ice caps, ocean conditions, and greenhouse gases.

WHAT RESPONSIBILITIES WILL I HAVE?

- Study climate conditions over a period of time
- Review papers and publications that are related to climate
- Write grant proposals in order to further research on climate change and environmental stewardship
- Follow local, state and federal legislation and discussion regarding energy and climate change
- Utilize mathematical models and data to predict future climate
- Collaborate with scientist who are gathering climate data
- Determine how to use data and predictions to make recommendations for environmental practices
- Propose new policies in regards to alternative fuels, transportation and other factors related to climate change
- Communicate findings on climate change to the public
- Develop educational and outreach programs on climate change
- Use predictions made to lobby for or against legislation



WHAT EDUCATION & TRAINING IS REQUIRED?

Bachelor's or Master's degree in environmental science, climatology, hydrology, meteorology, or a related science

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, statistics, earth science, computer science, physics, chemistry

TYPICAL EMPLOYERS

Federal government agencies and organizations, non-profits and some large agricultural companies

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Geophysical Union
- American Meteorological Society
- Ecology Society of America

AVERAGE ANNUAL FULL-TIME SALARY

\$73,000