

RENEWABLE ENERGY ENGINEER



URBAN PLANNER



SPACE SYSTEMS ANALYST



ENVIRONMENTAL SCIENTIST



SOLAR PANEL TECHNICIAN



ENERGY AUDITOR



CONSERVATION SCIENTIST



SPACE ENVIRONMENTAL SCIENTIST



ENVIRONMENTAL EDUCATOR





Designs and implements systems that harness renewable energy sources. They develop sustainable solutions such as solar, wind, or hydroelectric power systems, maximizing energy efficiency and reducing reliance on fossil fuels.



Develops plans and programs for land use in urban areas, balancing social, economic, and environmental factors to create sustainable communities. They work on projects such as transportation systems, public spaces, and zoning regulations.



Analyzes and evaluates space systems and technologies. They assess the feasibility, performance, and effectiveness of various space missions, satellite systems, and spacecraft designs.



Studies the natural world and its interactions with human activities to assess and mitigate environmental issues. They conduct research, collect and analyze data, and evaluate the impact of human actions on ecosystems, biodiversity, and the overall environment.



They are responsible for installing, maintaining, and repairing solar energy systems. Their expertise lies in handling electrical components, ensuring safety protocols, and optimizing the efficiency of solar power systems. iance on fossil fuels.



Conducts energy audits for residential, commercial, and industrial buildings to assess energy consumption patterns and identify opportunities for energy efficiency improvements. Performs on-site inspections, evaluates energy usage data, and provides recommendations..



Manages the overall land quality of forests, parks, rangelands, and other natural resources. They work to conserve soil, water, and biodiversity.



They focus on understanding how space activities, such as satellite launches, space debris, and radiation, impact the Earth's atmosphere and ecosystems. Their work involves analyzing data from space missions, developing sustainable practices for space exploration, and ensuring that space activities do not adversely affect the planet.



Educates and raises awareness about environmental issues, sustainability, and conservation.. Focuses on promoting environmentally responsible behaviors, fostering a sense of environmental stewardship, and inspiring positive change.

- Strong foundation in **electrical, mechanical, or civil engineering principles**
- Knowledge of **renewable energy technologies** (solar, wind, hydro, geothermal)
- **Problem-solving** skills
- Data analysis proficiency
- **Project management skills**
- **Practical knowledge** of installing and maintaining renewable energy equipment and systems

- Ability to assess **urban data and trends**
- Knowledge of **regulations and policies** affecting land use
- Proficiency in **presenting plans** to stakeholders and the public
- Skills in coordinating and managing **urban development projects**

- Strong foundation in **aerospace engineering and space technology**
- Ability to analyze **complex data and system performance**
- Proficiency in **simulation and modeling tools**
- Skills in **troubleshooting and optimizing space systems**

- Ability to **design and conduct scientific studies**
- Proficiency in **analyzing environmental data**
- Skills in preparing **reports and scientific papers**
- Experience in conducting **environmental assessments and sampling**

- Knowledge of **electrical systems and solar technology**
- Ability to perform **physically** demanding tasks
- Skills in **diagnosing** and **fixing** system issues
- Understanding of **safety protocols and practices**

- Ability to **analyze energy consumption data**
- Understanding of **heating, cooling, and electrical systems**
- Proficiency in explaining **findings and recommendations to clients**
- Skills in conducting through **inspections** and assessments

- Ability to conduct **studies on natural resource management**
- Proficiency in analyzing **ecological data**
- Experience in **monitoring and assessing natural resources**
- Skills in **developing conservation strategies and solutions**

- Strong foundation in **environmental science and space technology**
- Ability to **analyze complex datasets from satellites and other space instruments**
- Proficiency in designing and conducting **scientific studies** related to space and environmental interactions
- Skills in developing **sustainable solutions for minimizing the environmental impact of space activities**
- Understanding of **both space science and environmental regulations**

- Ability to present **information to diverse audiences**
- Proficiency in **developing and delivering educational programs**
- Understanding of **environmental science and sustainability**
- Skills in conveying complex information in an **accessible manner**