

Earth Observation Open Science And Innovation: ISSI Scientific Report 15



Earth Observation Open Science and Innovation (ISSI Scientific Report Series Book 15) by Norrinda Brown Hayat

★★★★☆ 4.6 out of 5

Language : English
File size : 71467 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 346 pages
Screen Reader : Supported



Earth observation (EO) is the gathering of information about the Earth's surface and atmosphere from space. EO data is used for a wide range of applications, including environmental monitoring, climate change research, and disaster response.

Open science is a movement that promotes the free and open sharing of scientific data and information. Open science has the potential to accelerate scientific progress by making it easier for researchers to collaborate and build on each other's work.

Innovation is the process of developing new ideas and solutions. Innovation is essential for the advancement of science and technology.

The ISSI Scientific Report 15 on Earth Observation Open Science and Innovation provides a comprehensive overview of the current state of EO open science and innovation. The report identifies the key challenges and opportunities for EO open science and innovation, and it makes a number of recommendations for how to move forward.

Key Findings

The ISSI Scientific Report 15 identifies a number of key findings, including:

- * EO data is a valuable resource for scientific research and innovation. *
- Open science has the potential to accelerate scientific progress by making it easier for researchers to collaborate and build on each other's work. *
- Innovation is essential for the advancement of science and technology. *
- There are a number of challenges to EO open science and innovation, including data access, data interoperability, and data quality. *
- There are a number of opportunities for EO open science and innovation, including the development of new data sharing platforms and tools, and the adoption of open data policies.

Recommendations

The ISSI Scientific Report 15 makes a number of recommendations for how to move forward with EO open science and innovation, including:

- * Promote the adoption of open data policies. *
- Develop new data sharing platforms and tools. *
- Improve data interoperability. *
- Invest in data quality. *
- Support the development of new EO applications. *
- Foster collaboration between scientists, engineers, and policymakers.

Implications for the Future of Earth Observation

The ISSI Scientific Report 15 has a number of implications for the future of EO. The report's findings and recommendations provide a roadmap for how to move forward with EO open science and innovation. By following these recommendations, we can accelerate scientific progress, foster innovation, and improve our understanding of the Earth system.

The ISSI Scientific Report 15 on Earth Observation Open Science and Innovation is a valuable resource for anyone interested in the future of EO. The report's findings and recommendations provide a roadmap for how to move forward with EO open science and innovation. By following these recommendations, we can accelerate scientific progress, foster innovation, and improve our understanding of the Earth system.



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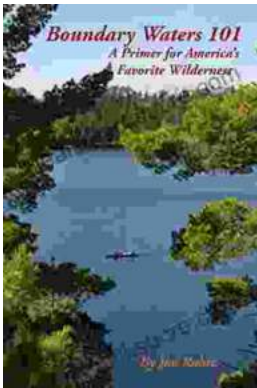
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