Bioeconomic Modeling of Salmon Farming Practices in Southern Chile

**FARMING SALMON IN CHILE: ¿QUIÉN PASÓ?**

A series of salmon farming practices have been implemented in Chile, each with its own set of challenges and benefits. It is important to understand the historical context of salmon farming in Chile and how it has evolved over time. The current landscape of salmon farming in Chile includes a diverse range of practices, from small-scale traditional farms to large-scale, modern facilities.

**The Inputs and Impacts of Salmon Farming**

Salmon farming involves a complex set of inputs and outputs, including feed, water, and energy consumption, as well as the environmental impacts of these activities. It is essential to assess the sustainability of salmon farming practices and identify areas for improvement.

**A Conceptual Look at the Model**

A conceptual model can help us understand the relationships between the inputs and outputs of salmon farming. This model can be used to identify key drivers of fish growth and survival, as well as the environmental impacts of these activities.

**METHODS**

To capture the economic and environmental performance of salmon farming in the Chilean context, a model was developed to estimate the costs and benefits associated with different farming practices. The model was calibrated using historical data and validated through field observations.

**CONCLUSIONS**

The model shows that there are significant differences in the economic and environmental performance of different salmon farming practices. It is essential to consider the trade-offs between economic efficiency and environmental sustainability when selecting farming practices.

**RECOMMENDATIONS**

Based on the results of the model, we recommend that salmon farmers adopt more sustainable practices and invest in research and development to improve the economic and environmental performance of their operations.

**ANALYSIS AND RESULTS**

We analyze the results of our model to identify the key drivers of fish growth and survival, as well as the environmental impacts of different farming practices. The results show that there are significant differences in the performance of different farming practices, with some practices performing better than others in terms of economic efficiency and environmental sustainability.

**Which practices have the strongest influence on stakeholder interests?**

The results of our analysis show that there are significant differences in the performance of different farming practices, with some practices performing better than others in terms of economic efficiency and environmental sustainability.

**How are approved Megalobasus concessions affected by factors?**

The results of our analysis show that there are significant differences in the performance of different farming practices, with some practices performing better than others in terms of economic efficiency and environmental sustainability.

**Which parameters are most important for future research?**

Our analysis shows that there are significant differences in the performance of different farming practices, with some practices performing better than others in terms of economic efficiency and environmental sustainability.