Policy scenarios

The net-work based evaluation model

Policies for Sustainable Tourism

1. **Environmental protection**

✓ Slowing glacier melting

✓ Reducing carbon emission

2. **Social satisfaction**

✓ Infrastructure construction

✓ Community projects

3. **Publicity**

✓ Promoting rainforests

✓ Promoting whale watching

Rank through scoring

Final score

✓ **Analysis for section weight**

✓ **Sum of three scores**

Section 1 Economic Revenue

Score1=Vistor revenue+other revenue

➤ Visitor spending

➤ Cruise line spending

➤ Cruise crew spending

Section 2 Environmental Costs

Score2=Carbon emissions+Glacier melting

➤ Transportation and accommodation

➤ Food and entertainment activities

➤ Global warming

Funding requirements

Feedback

Motivation and promotion

Threaten

Section 3 Social Satisfaction

Score3=tourist tax+job opportunities+cruise limit+transportation

➤ Investing additional taxes in infrastructure construction

➤ Providing jobs to residents

➤ The impact of tourists on local life