



BE REALISTIC START WITH WHAT EVERYBODY AGREES

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Reality (I)

- Both sides are reasonable
- Japanese are not cruel barbarians looking for unlimited whaling
- Anti-whaling countries are not entirely emotional without any scientific understanding



Suggestion of way forward (I)

establishing mutual trust

Start with what everybody agrees

- Conservation of endangered species such as blue whales
- Whaling of relatively abundant species is not an important conservation issue
- Why don't we begin with joint research and actions for recovery of endangered species?
- Allocate resources of scientific whaling



Suggestion of way forward (2)

respect diversity of value system

Reality (2) No single value will predominate the world

- Values associated with particular species depend on cultural background
- If some body wants consumption of the particular wildlife, there is no reason to ban it as long as it is done sustainably and ethical and humane issues are cleared.
- Lethal and non-lethal resource use can coexist.



Reality (3) Limit of science

Science can never be 100% sure.

- Uncertainty is always associated with behavior of complex ecosystems and natural resources
- Decision must be made under this uncertainty



Suggestion of way forward (3)

believe in adaptive management

Adaptive management system is the most powerful tool to cope with uncertainty

- Resource management as an experiment
- The system can be modified if it does not work well.
- Learning through monitoring of the management outcome



Reality (4) Value of long term monitoring

Long lasting periodic monitoring by state-supported research

- Bases for adaptive management
- Does not produce immediate conclusion, but accumulate knowledge by repetition of the same protocol
- Provide baseline for unpredictable change of the system
- Scientific whaling



Suggestion of way forward (4) re-designing scientific whaling

Sustainability of the research to meet the requirement of long-term monitoring

- Stabilize the scale of hunting and minimize the number to be hunted to sustain long-term research
- Follow adaptive management protocol such as RMS
- Learning through monitoring of the management outcome