

Guidance, Extension and Educational Activities

for

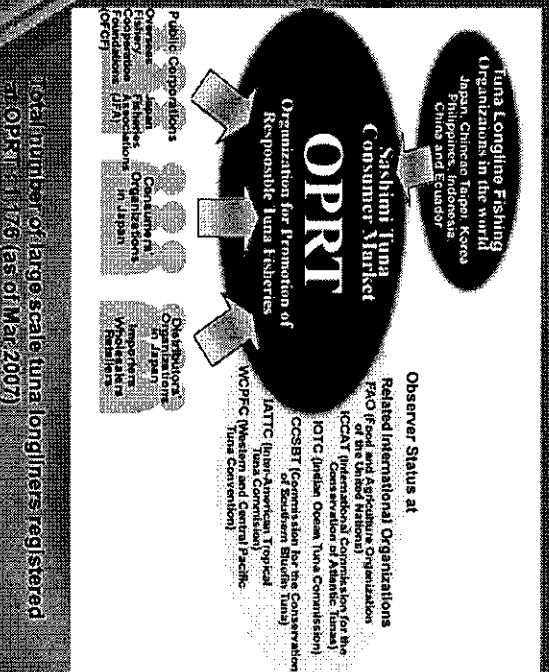
Reducing Bycatch in Longline Fishery

- Case Study for Sea Turtles -



Organization for the Promotion of Responsible Tuna Fisheries

**OPRT promotes responsible tuna fisheries
to ensure sustainable use of tuna resources.**



Reduction of bycatch-Sea turtles [In case of Japan]

Initiative by Fisheries Agency of Japan
(Joint Efforts by Administrators, Scientists and Tuna Fishing Industries)
Committee for Promotion of Reducing Bycatch in Longline Fishing
Operation (CPRF) organized by OPRF (2004)

Measures

- Research and development of turtle compatible longline gear
- Study on the status of Red Sea Turtles (Red Sea Fisheries)
- Research on turtle friendly longline gear
- Fisheries Agency of Japan
- OPRF Secretariat

Focus on

- Exchange information on technology and devices
- Technical cooperation for implementation of measures developed

Actions taken

Publication and distribution of posters and pamphlets
In 2004

Sample:

Leaflets use circle hook for reducing sea turtle bycatch

海亀の捕獲を減らしてはえ縄漁業を守ろう

海亀の捕獲は、はえ縄漁業、河津の未来へ七つが利まわす
▶ 水深120cm以上にはえ縄の使用

120cm

OPRF (OFFICE OF PROMOTION OF REDUCING BYCATCH IN LONGLINE FISHING OPERATION)

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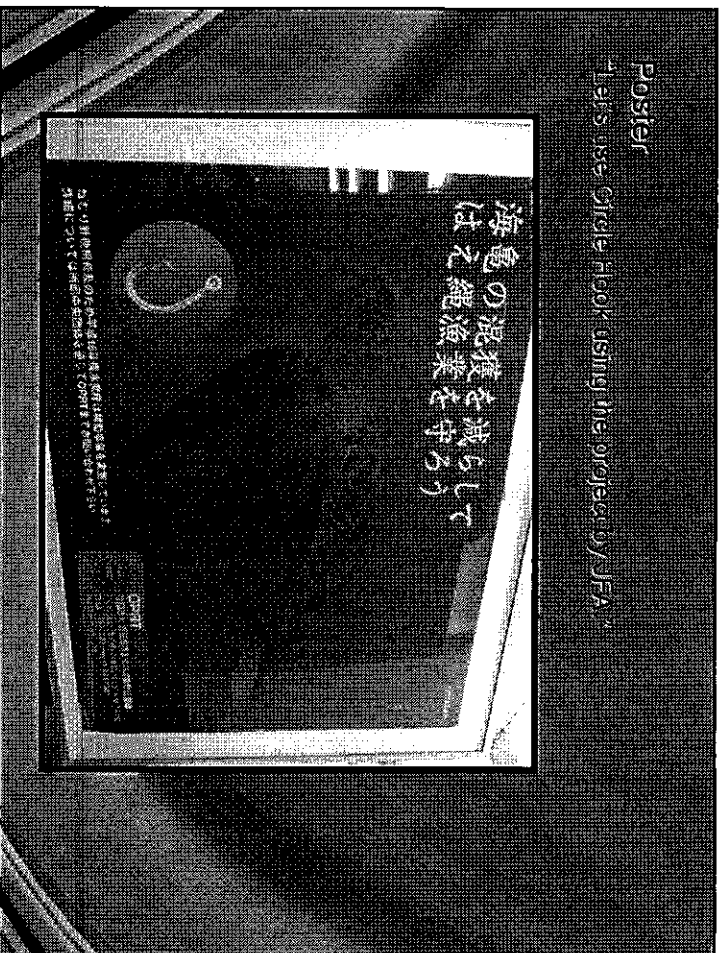
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OPRF (OFFICE OF PROMOTION OF REDUCING BYCATCH IN LONGLINE FISHING OPERATION)

Poster

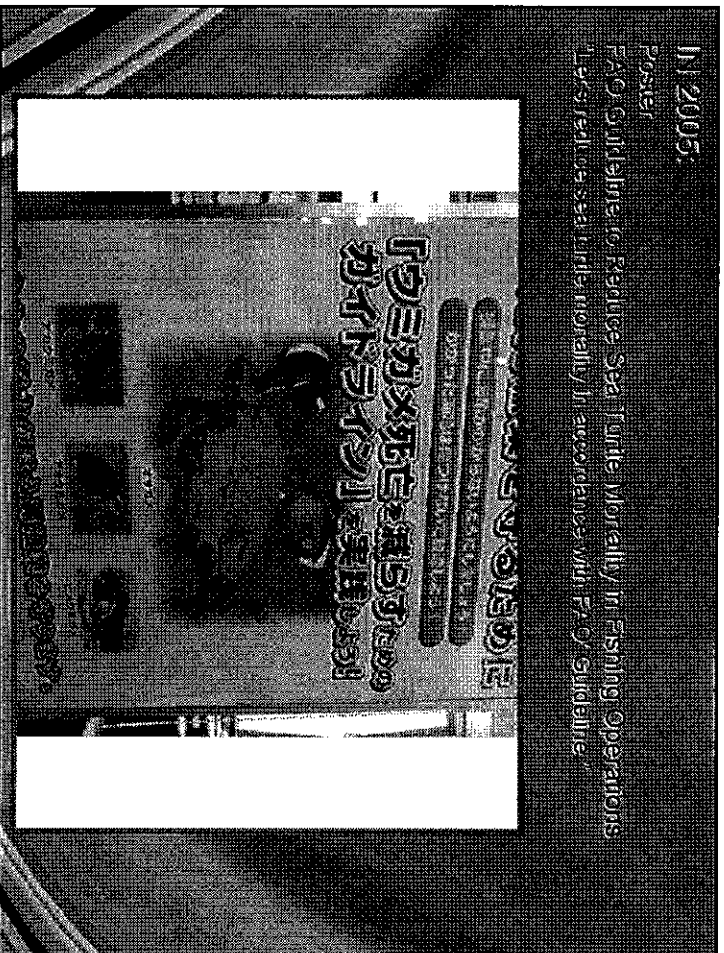
Let's use Circle Hook using the project of JFA



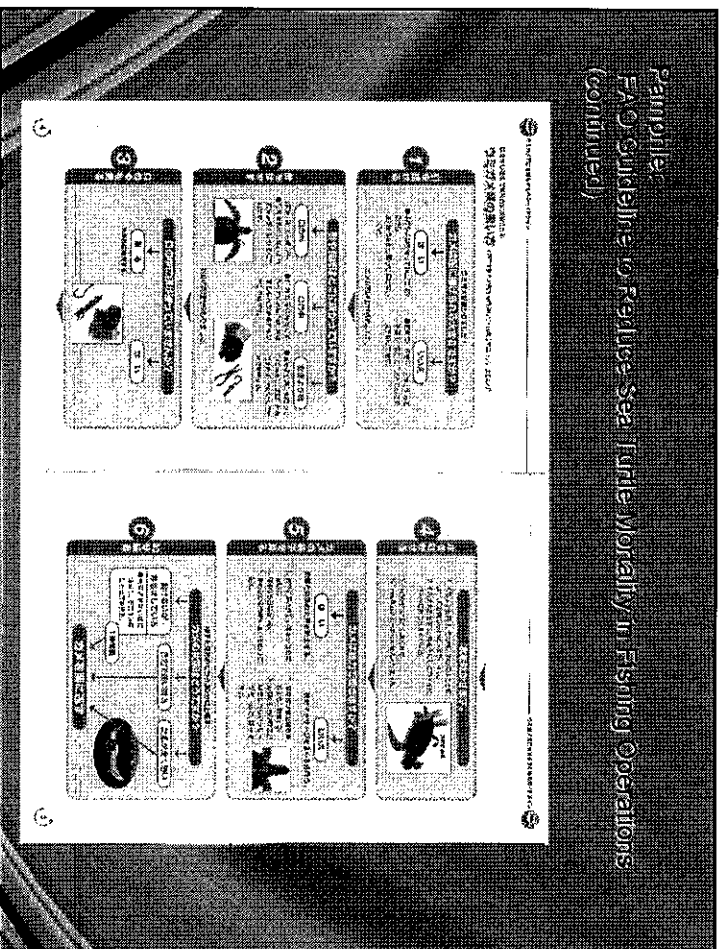
IN 2005:

Poster

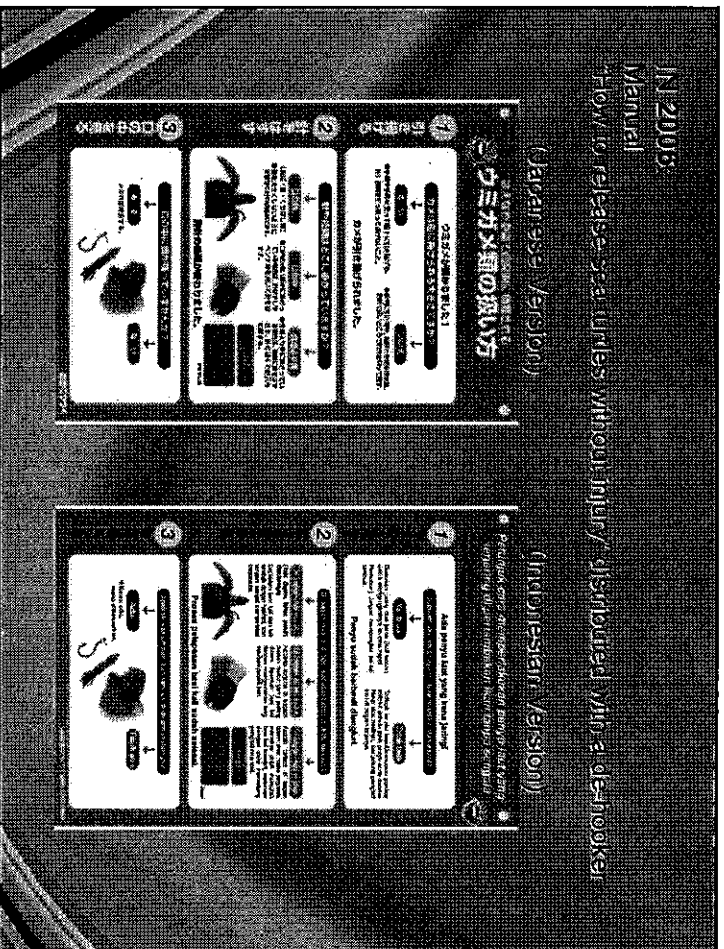
FAO Guidelines to Promote Sea Turtle Morality in Fishing Operations
Let's read the sea turtle morality in accordance with FAO's Guideline



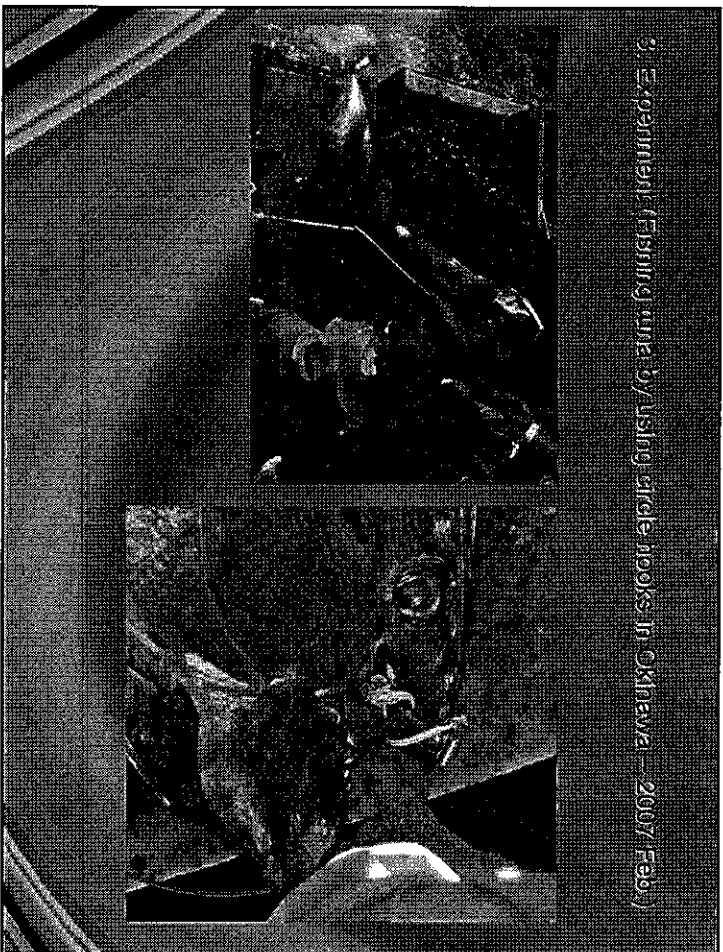
Example:
FAO Guideline to Reduce Sea Turtle Mortality in Fishing Operations
(continued)



JN2003
Manual
How to release sea turtles without injury/disturbance with a dehooker
(Japanese Version)



3. Experiment Fishing with using circle hooks in Okinawa (2007/Feb.)



4. Public Relation
Advertisement of fisheries newspaper.

120m水深には
ねむり針を！
お魚の産卵時期
120m水深
ねむり針の利点
産卵時期にのみ有効
500-1000m水深でも
魚獲の増大を！
120m水深の魚獲状況

針はすし針、
米切り道具等を
輸入済み！

プロ釣り上げ業者採用

ねむり針
果敢の釣り人、はち和にSIMPLE
釣具メーカー、ねむり針の魅力を伝えるための
新聞広告です。ねむり針の魅力を伝えるための
新聞広告です。

サカサカ-NOPE
釣具メーカー、ねむり針の魅力を伝えるための
新聞広告です。

釣具メーカー、ねむり針の魅力を伝えるための
新聞広告です。

5. Meeting to exchange information and views of fishers, scientists, and IFA (2007)
 (The summary reported by a fisheries newspaper. The copy distributed to all fisher.)



6. Efforts to increase fishers' awareness of the issue and encourage reflections of bycatch International Life Fishers Conference on Responsible Fisheries sponsored by WPRFIC and GPRF (July 2005)

STATE GOVERNMENT OF HAWAII
 HONOLULU, HAWAII
 HAWAIIAN FISHERIES COMMISSION
 HONOLULU, HAWAII

増浜宣言2005

STATE GOVERNMENT OF HAWAII
 HONOLULU, HAWAII
 HAWAIIAN FISHERIES COMMISSION
 HONOLULU, HAWAII

Yokohama Declaration
 (2005)

The International Life Fishers Conference on Responsible Fisheries
 was held in Yokohama, Japan, from July 15-17, 2005. The conference
 was sponsored by the World Responsible Fisheries Initiative
 (WPRFIC) and the Global Responsible Fisheries Initiative
 (GPRF). The conference was held in Yokohama, Japan, from
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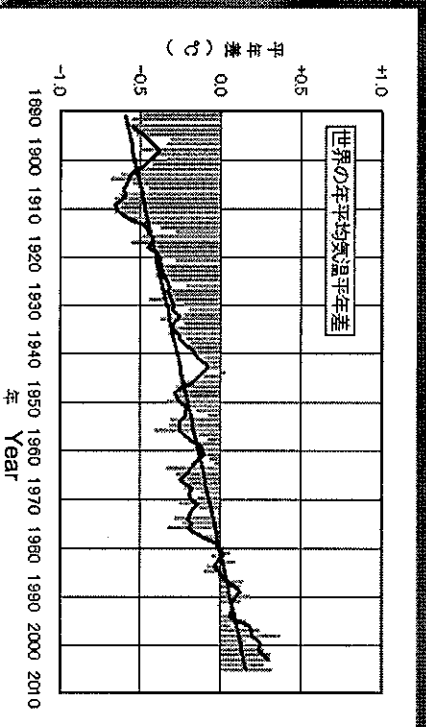
For more effective conservation of sea turtles

Fishers are doing efforts, but the efforts should be also focused on:

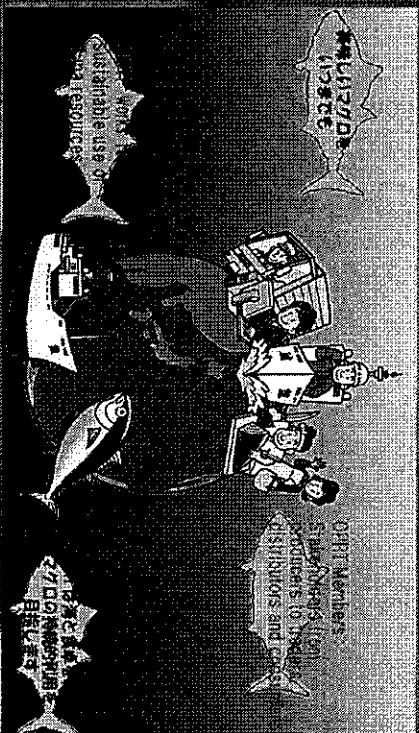
1. Improvement and development of conservation and management measures applied throughout the sea turtle life cycle. (from FAO's Guideline)
 - Lessen / prevent factors that causing and assess fish impacts
 - Take measures to reduce or eliminate other impacts (habitat loss, bycatch, pollution and stimulant, land-based materials, slow growth, etc.)
2. Enhancement of sea turtle populations
3. Improvement of study concerning the impact of global warming (this might be a self threat to all ecological related species)

Trend of temperature in the world

Data: Meteorological Agency of Japan



Thank you for your
attention!



Organization for the Promotion of Responsible Tuna Fisheries

OPRT

www.oprt.org.jp