

The US-Japan Second Data Symposium (2022.06.28 – 06.29)
Building bridge across borders and between fishery stakeholders:
Enhancing data collection for profitable, sustainable, climate-resilient fisheries

Keynote :

How 21st century data systems can support thriving sustainable fisheries and foster greater climate resilience

海洋環境と資源状態の準リアルタイム把握の必要性 **Necessity of near real-time understanding of ocean conditions and stock status**

水産庁長官 神谷 崇

Fisheries Agency

Director-General KOYA Takashi

本発表での2つのポイント

Today's points

1. 北太平洋で何が起きているのか？

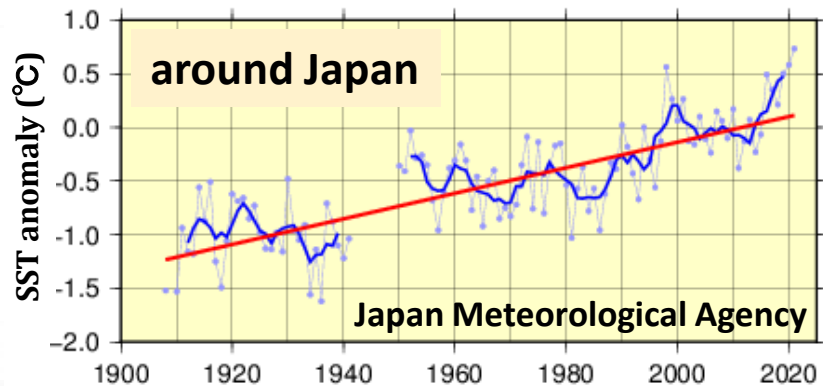
What's going on in the North Pacific Ocean?

2. 資源評価でのデータタイムラグの問題

Data time lag issue in stock assessment

北太平洋で何が起こっているのか？

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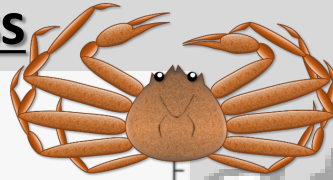
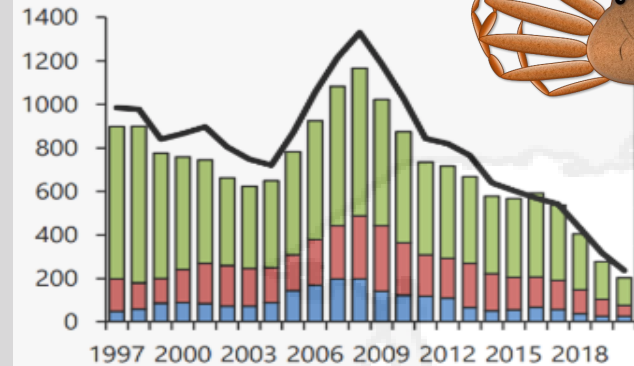


1982年以降最大級の海洋熱波
the strongest Marine Heat Wave since 1982

北太平洋で何が起きているのか？

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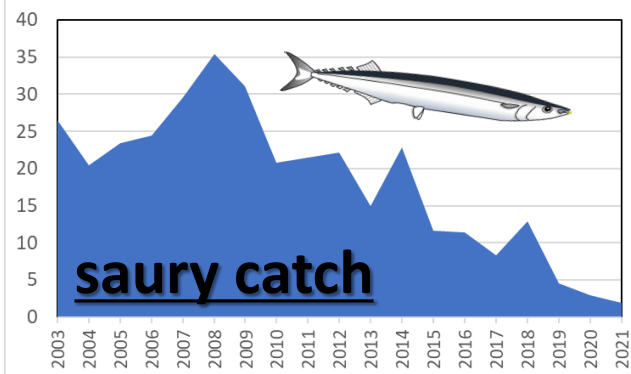
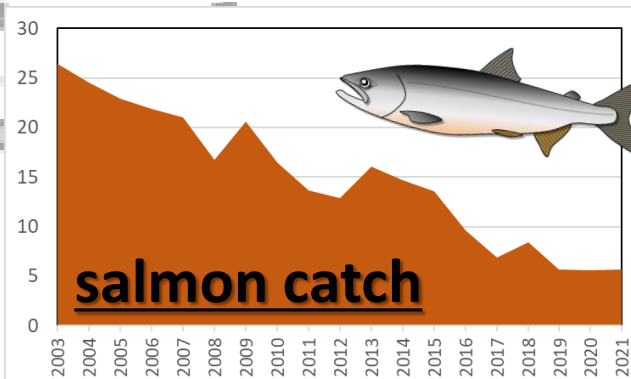
snow crab Biomass



雌/female

成熟雄/mature male

未成熟雄/immature male

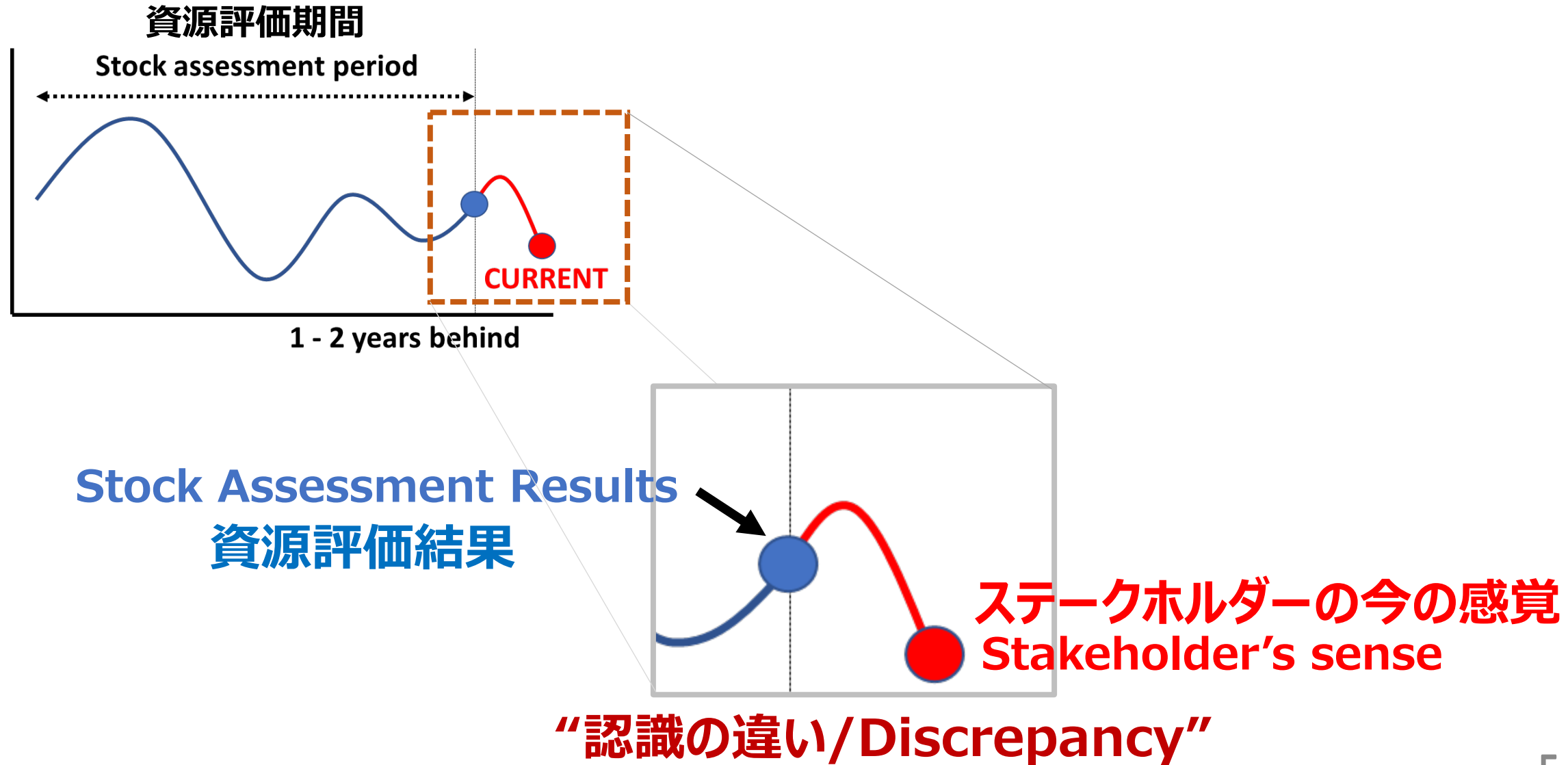


- 西部北太平洋での資源量・漁獲量の減少
- 東部太平洋の状況は？

- Catches decrease in western Pacific side
- How about eastern side ?

資源評価でのデータタイムラグの問題

Data time lag issue in stock assessment



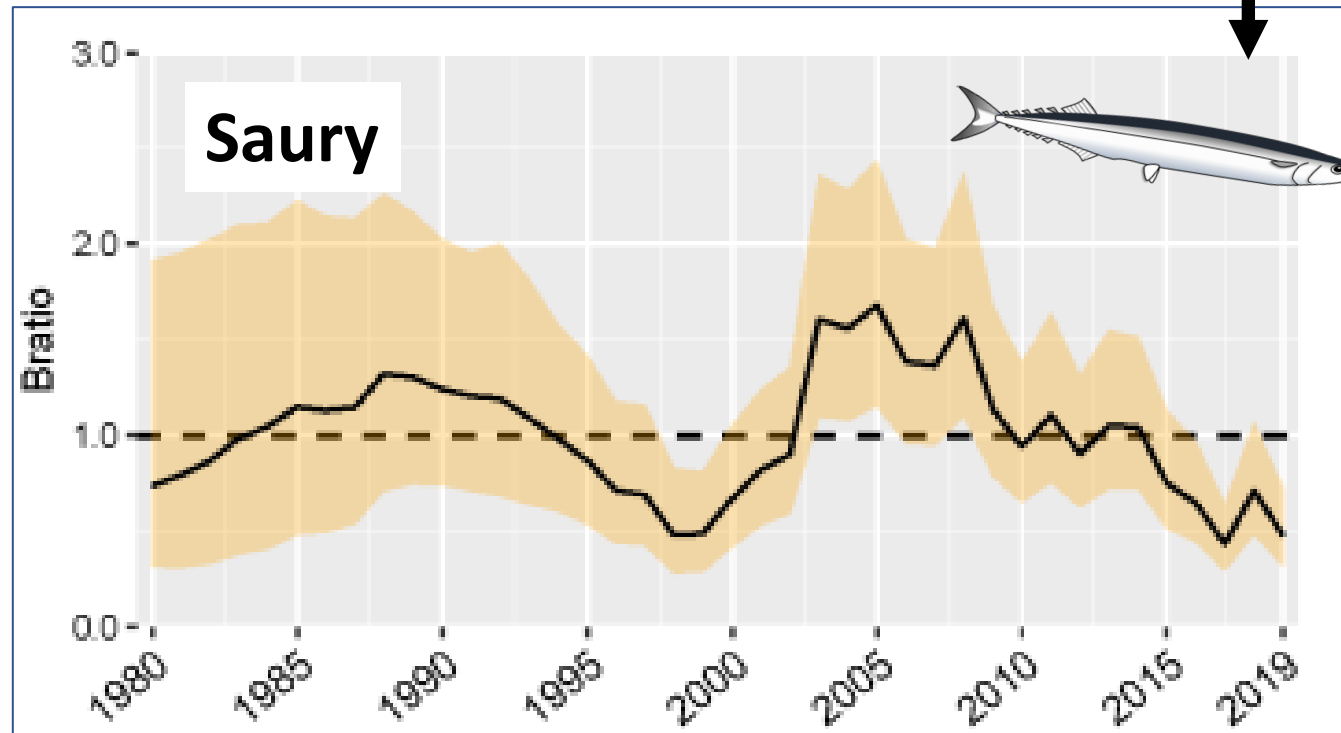
データタイムラグ解消に向けた取り組み Effort to resolve Data time lag

2018年資源評価

2016年までのデータを利用
(最近年の2年前まで)

2018 Stock Assessment

Data until 2016
(two years behind)



2020 Stock Assessment

Data until 2019

それでも**1年**の遅れ！ /Still One Year behind ! 6

日本での準リアルタイムデータ収集システム開発

Ongoing Projects of near real-time Data collecting System in Japan

