



Marloes Kraan

The Netherlands, Wageningen Marine Research and Environmental Policy Group, Wageningen University

After the first shock: An assessment framework for understanding the impact of COVID-19 on fisheries



reflections
WEBINAR ON COVID-19 IMPACTS



#icesreflections




WGSOCIAL & initial talks on COVID19

WGSOCIAL:

development of *culturally relevant social indicators* to be used in ecosystem Assessments, next to economic and ecological indicators.

NEWS

The impact of COVID 19 on fishing industries in ICES countries

Print it Send to    Share it

ICES WGSOCIAL is addressing the likely impact of the ongoing COVID19 pandemic on fishing industries in ICES member countries – it appears impacts differ in each country due to different measures and diversity of fleets.

Published: 7 April 2020

With the COVID19 pandemic unfolding, ICES Working Group on SOCIAL indicators (WGSOCIAL) held an online meeting in the first week of April 2020 to share preliminary observations on how the current situation is affecting the fishing industries in ICES member countries. Twenty-five social scientists from twelve countries discussed the social impacts of the COVID19 pandemic on the fishing industry, sharing their personal observations from monitoring news and talking to fishers and others working in the fishing industry. The perceptions shared by WGSOCIAL members highlight how COVID19 is already impacting fisheries. Co-chairs Marloes Kraan (Wageningen Marine Research), Amber Himes-Cornell (FAO), and Lisa Colburn (NOAA) share here the group's preliminary impressions of the situation.

Throughout the ICES region, the current experiences of fishing industries appear to be linked with the severity of the COVID19 pandemic locally. Italy and Spain seem to be more acutely hit at this stage, with other European countries, the USA, and Canada either beginning to experience impacts or expecting this soon. Italian and Spanish fleets for the large part lie still due to the severity of the pandemic and lockdown measures imposed. In other countries,





Assessment Framework

Types of shocks

Scale of impact

Affected sectors

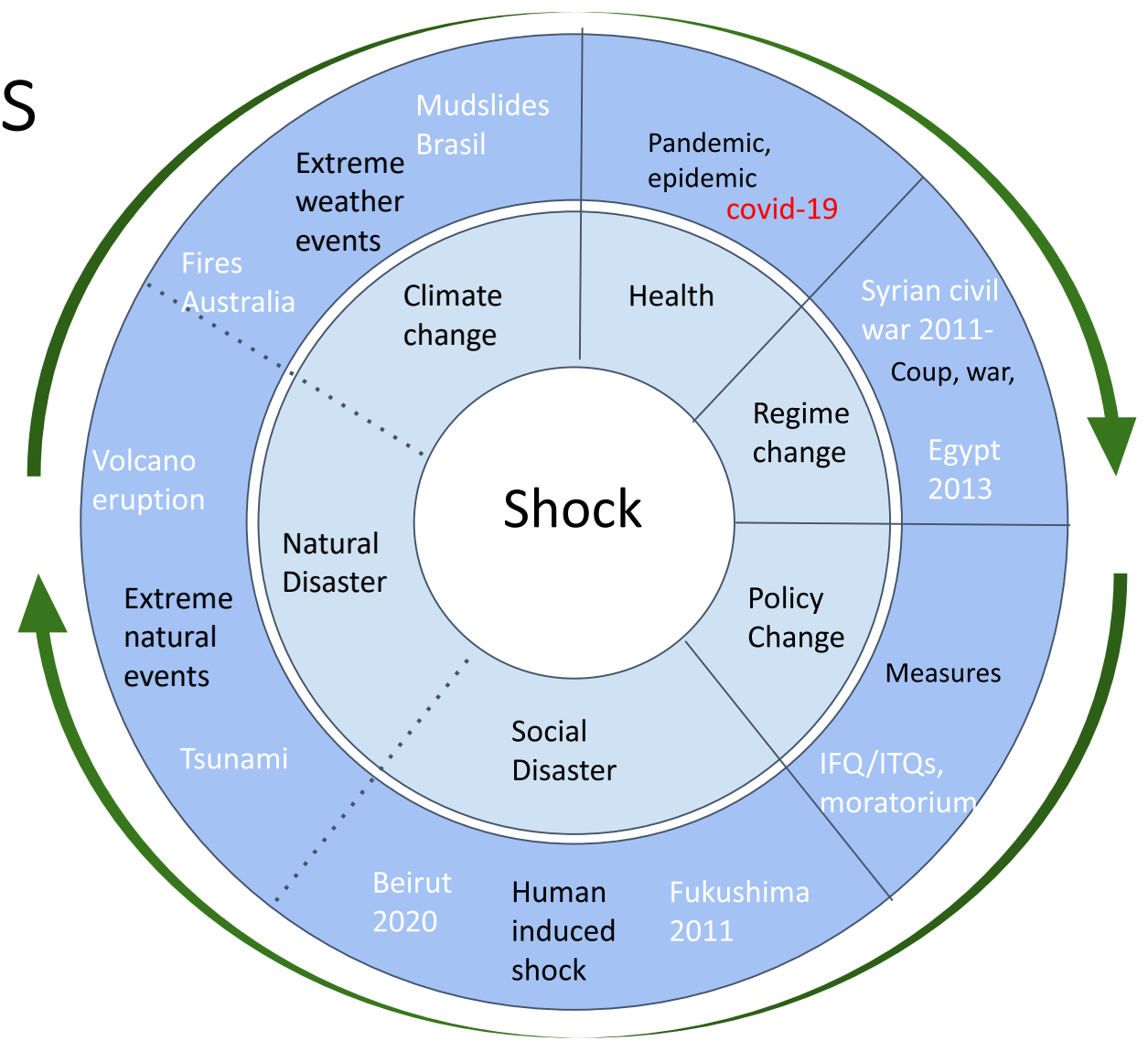
Research design

Questions



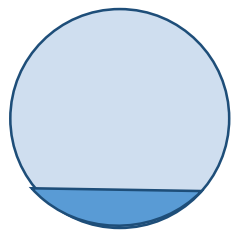
Example types of shocks

- Onset rapid vs. slow, duration short vs. long term
- These shocks are not necessarily mutually exclusive!
- Possibility of cascading effects

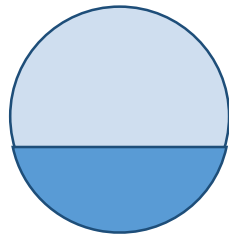




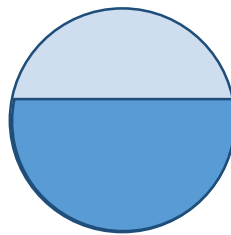
Unit of analysis



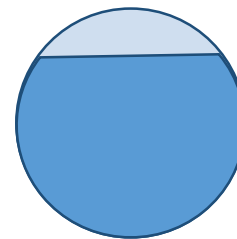
Individual



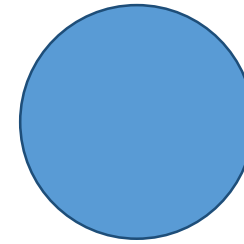
Community



Country

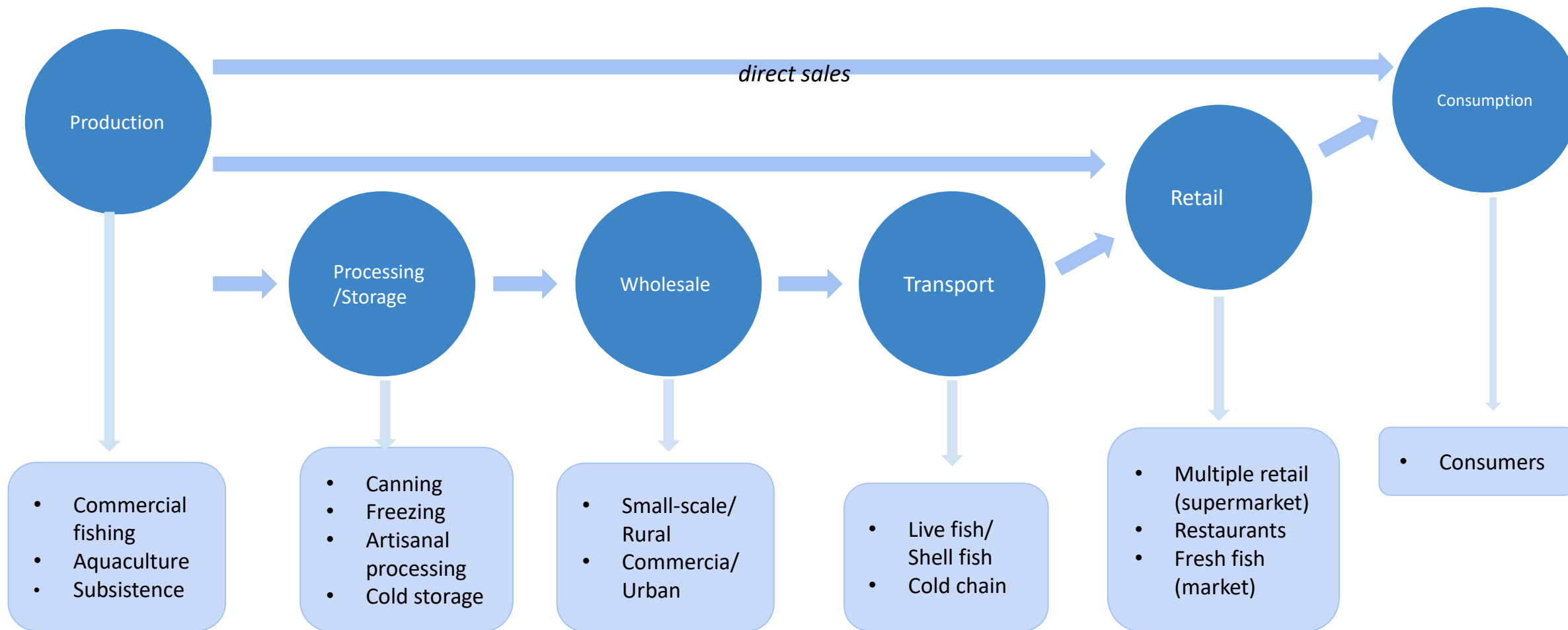


International



Global

Affected fisheries sub-sectors



Research design

Theory driven

Resilience and vulnerability: ability to respond to shock and return to pre-shock state or transform to new state is based on pre-existing conditions.

Questions guided by scope, who initiated & how it will be used

Scope: snapshot vs. long-term trends

Who: governmental agencies, private sector, NGOs, academia, public,

Uses: inform governance platform & policy decisions

Methods depend on available resources

Available resources: time, talent, budget, baseline data

Data gaps / needs: primary vs. secondary

Analysis

Analysis: qualitative vs. quantitative

Questions relevant to all shock types & covid-19



Photo: Arie Mol

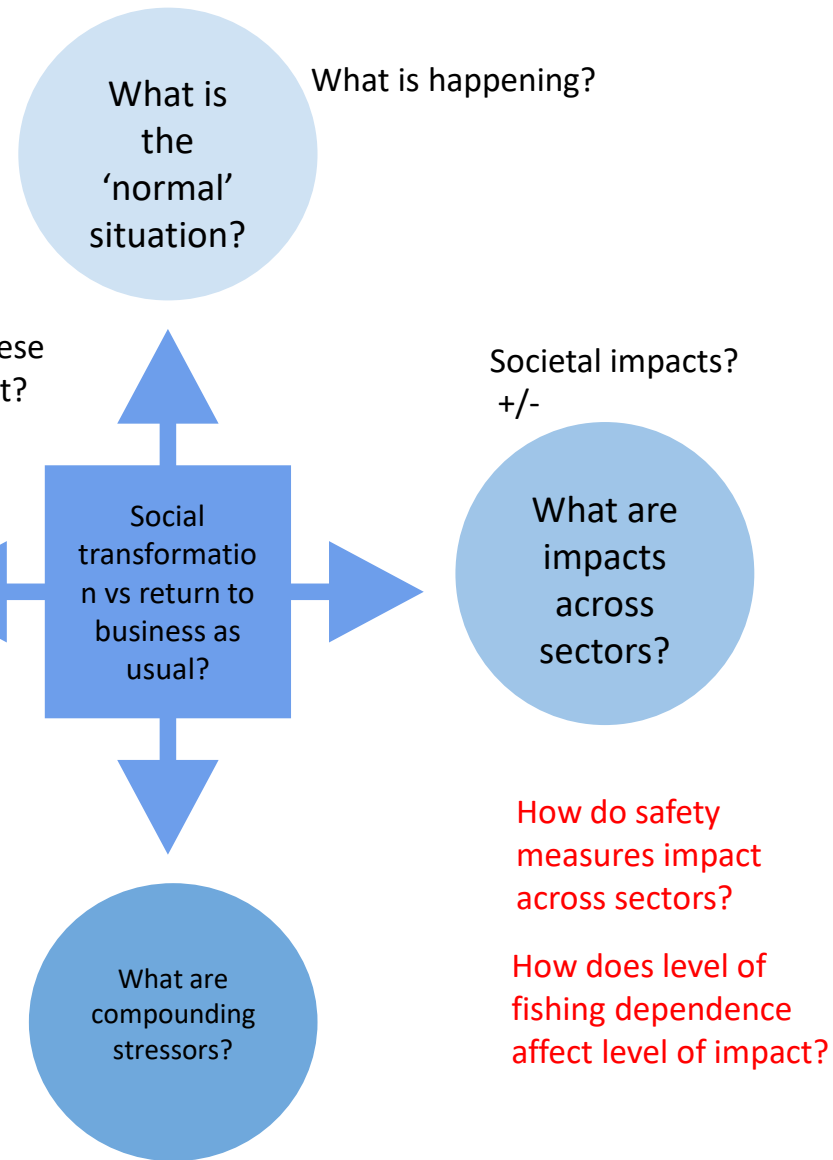


Photo:@PetervDalen

Practical implications:
IUUF, human rights abuse,
lack of transparency

Lack of transparency but
also 'invisible' concern
becoming visible?

Differentiate between
societal/ecological/biological
conditions



Conclusions

- Aim of the framework is:
 - Comparability between cases
 - Guide to making relevant choices (scale, sub-sector)
 - Importance of (socio-cultural) context
 - Different value chains
 - Compounding stressors
 - Use of a theoretical lens: resilience & vulnerability
 - Impact of a shock & necessary measures -> depends -> what factors influence fishers capacity to adapt (Seara, Clay and Colburn 2012)
- Need for social indicators & data so to better understand the baseline situation, and monitor changes

Thanks!

- WGSOCIAL:
<https://www.ices.dk/community/groups/Pages/WGSOCIAL.aspx>
- marloes.kraan@wur.nl
- @MarloesKraan



WGSOCIAL meeting 2019 Rome

Thanks to: Lisa Colburn, Amber Himes Cornell, Marloes van Tienhoven, Katie Longo, Mimi Lam, Ching Villanueva, Rebecca Sherlock, Ana Fraga