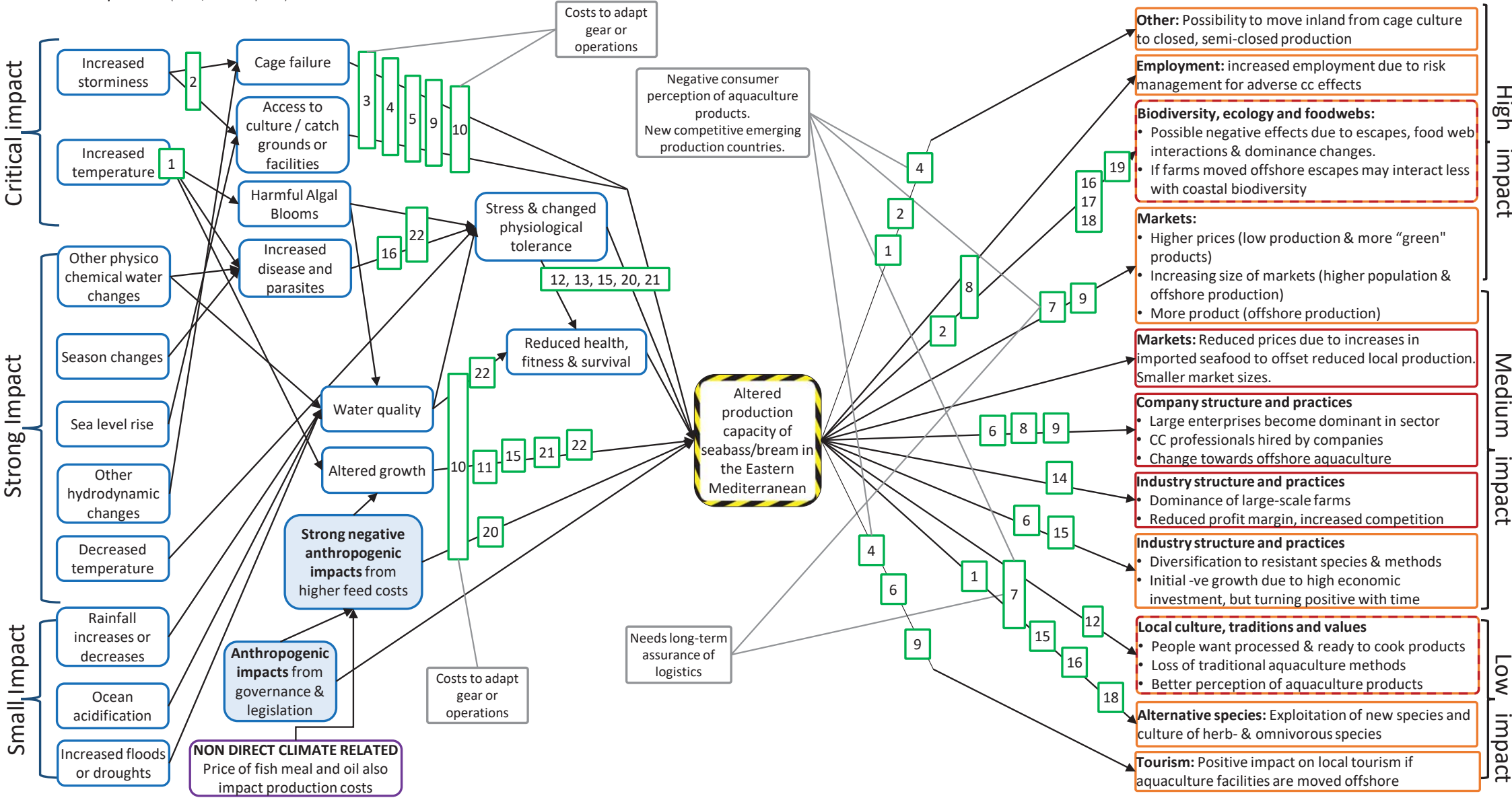


Seabream / Seabass – Eastern Mediterranean Aquaculture
 Contact: Ferit Rad, Tevfik Aytemiz, Hayri Deniz
 Questionnaire responses: 10 (4 full, 6 incomplete)

Causes (blue) Control and enhancement measures (green). Escalation factors (grey) Problem (yellow) Mitigation and enhancement measures (green). Escalation factors (grey) Consequences (red) and opportunities (orange)



Key to control, enhancement and mitigation measures on previous slide

Ranked High:

1. Selective breeding: breeding and production of strains tolerant to climate change.
2. Other: well designed ecosystem management, spatial planning, clustering and risk assessment.
3. Technology: Use of submersible cages, relocation of cage farms, use of better and robust mooring systems
4. Local legislation: Local or central governments should allow aquaculture at new suitable regions and offshore
5. EU legislation: adaptation of new EU legislation on monitoring and support.
6. EU legislation: to build up offshore big polygons with common facilities
7. Alternative stocks: more culture of herbivorous and omnivorous species.
8. Other: new companies of services with environmentalists, marine biologists, divers to measures are effective

Ranked Medium:

9. Technology: Use of better off-shore technology.
10. Technology: adaptation and promotion of new technologies
11. Technology: use of closed circuit system will increase at hatchery and fry stages.
12. Fisheries management: pre planned, active and responsive management is essential.
13. Fisheries management: should be under the control of external evaluators.
14. Government incentives: for events when farmers own insurances do not cover damages.
15. Government incentives: High valued species cultivation experiments should be supported by government.
16. Trade in marine aquatic species: must be better regulated to avoid transmission of diseases for aquatic animals including farmed species.
17. Trade in marine aquatic species: increased control and penalties on trade of especially live and invasive aquatic species.
18. Trade in marine aquatic species: the government should initially fund the tagging of all animals once they are in the culture cages...over time the farmers should adopt this extra cost as an obligation.

Ranked Low:

19. Habitat creation or offsetting: habitat offsetting alternatives need to be approached with precaution
20. Stock enhancement: Breeding selection programmes, prebiotics and probiotics
21. Catch and release: Catch and release of wild broodstock for gene pool diversification can be supported if well monitored

Not Ranked:

22. Lower stocking densities