**IDENTIFICATION**

**SCIENTIFIC NAME:**
Merluccius gayi peruanus

**SPECIES NAME(S):**
South Pacific hake, Peruvian hake

**COMMON NAMES:**
Merluza peruana (Spanish)

**STOCK IDENTIFICATION:**
Peruvian hake (Merluccius gayi peruanus) latitudinal distribution extends from northern Ecuador (01°N) to central Peru (14°S). A stock is considered to occur between the northern limit of Peru (03°S) and Huarmey (10°S) (Guevara-Carrasco and Lleonart, 2008).

**ASSESSMENT**

**Strengths:**
- Cooperation between the Fisheries management entity and the Fisheries Research body is strong.
- Surveys are regular, well-organized and conducted in cooperation with the fishing industry.
- Recovery of the stock has been stated as a management aim but specific objectives in terms of stock recovery and timelines are not defined.

**Weaknesses:**
- The stock condition is considered to have been improving since 2012, but it is not clear to what extent as estimates of spawning biomass against reference points are not available.
- Latest available estimates (2003) of fishing mortality indicated that it was well above potential targets, fishing mortality rates since 2008 are unknown.
- Panels of external experts are regularly consulted but recommendations in 2009 seem not to have been taken into account by the Fisheries Research body.
- Associated risk analyses for the stock assessments do not appear to be performed, nor uncertainty for the models evaluated. There is still lack of transparency in the stock assessment results and scientific advice on management of this stock.
- Environmental impacts of the fishery are not fully understood.

**SCORES**

**Management Quality:

<table>
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<th>Item</th>
<th>Score</th>
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<tr>
<td>Management Strategy</td>
<td>&lt; 6</td>
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<tr>
<td>Managers Compliance</td>
<td>10</td>
</tr>
<tr>
<td>Fishers Compliance</td>
<td>≥ 6</td>
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**Stock Health:

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<tr>
<td>Current Health</td>
<td>≥ 6</td>
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<tr>
<td>Future Health</td>
<td>&lt; 6</td>
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**FIPS**

No related FIPs

**MSC**

No related MSC fisheries

**RECOMMENDATIONS**

**RETAILERS & SUPPLY CHAIN:

- Press IMARPE to implement an appropriate, biologically-based target reference point in line with scientific advice.
- Ask IMARPE to follow the recommendations from the 2014 FAO peer review*, especially with respect to timely publication and peer review of stock assessments.
- Work with PRODUCE to develop and implement a strategy to reduce or eliminate IUU fishing.
- Work with scientists to conduct research to increase knowledge on the environmental impacts of the fishery.

*http://www.imarpe.pe/imarpe/archivos/informes/imarpe_inf_final_auditoria_fao_a_imarpe_(may_14).pdf

**Fishery Profile**

https://www.fishsource.org/fishery_page/1787