

The **Workshop on Integrating Historical Data into modern stock assessment (WKIHSD)**, chaired by Massimiliano Cardinale*, Sweden, and Giuseppe Scarcella*, Italy, will meet in Lysekil, Sweden, DATE (to be confirmed) 2019 to:

- a) Explore and apply different methods in order to incorporate historical data into modern stock assessment;
- b) Explore the advantage to use longer time series into stock assessment, to understand better the potential use of historical data and for estimating biomass reference points

WKIHSD will report by DATE (tbc) 2019 (via HAPISG) for the attention of SCICOM.

Supporting information

Priority	Stock Assessment is currently the primary tool used to inform management, evaluate the status of fisheries resources, and develop management measures. Many stock assessments tend to use very short time series, without considering older data. This workshop aims to help elucidate the potential benefits of including historical data in stock assessment, as well as promote the integration of different disciplines within and outside ICES.
Scientific justification	<p>Term of Reference a)</p> <p>Historical data can be very diverse. In some cases they are quite extensive and could be readily used in current stock assessment models or advice. However, in other cases, data are scarce, intermittent, and can lack information such as spatial coverage, size or catch at age, and effort. Therefore, even though the importance of these data is undeniable, it is still challenging to include them in stock assessment or other types of fishery management. It is therefore important to explore different methods for incorporating these data into current stock assessment with the help of experts or modellers. Historical ecologists and/or historians are also critical, for understanding how these data were collected and can be used, , and the management actions and/or historical events (e.g. wars) that would potentially affect landing time series.</p> <p>Term of Reference b)</p> <p>Including historical data into stock assessment could be very useful in particular to to estimate reference points, explore changes in stock productivity and growth, understand better the current status of the stocks and even develop stock assessment for data poor species. During the workshop, a number of stock assessments will be updated with historical data in order to understand the benefits of including those data in terms of increased knowledge, to be used to tailor more efficient management measures.</p>
Resource requirements	The research programmes which provide the main input to this group are already underway, and resources are already committed.
Participants	Expected attendance 10 scientists
Secretariat facilities	None.
Financial	No financial implications.
Linkages to advisory committees	There are no obvious direct linkages with the advisory committees.
Linkages to other committees or groups	ACOM Expert Groups. In particular, the Working Group on Ecosystem Effects of Fishing Activities (WGECO) and stock assessment working groups in general.
Linkages to other organization	The work of this group is closely aligned with similar work in FAO and global Oceans Past Initiative (OPI) network.