



Overview of Background Documents

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Below lists a short overview of the background sardine documents for the December 2014 MARAM International Stock Assessment Workshop.

MARAM/IWS/DEC14/Sardine/BG2 lists the recommendations from the Panel of the 2013 workshop, together with responses on progress made.

MARAM/IWS/DEC14/Sardine/BG3 to MARAM/IWS/DEC14/Sardine/BG5 are documents referenced in MARAM/IWS/DEC14/Sardine/BG2.

MARAM/IWS/DEC14/Sardine/BG6a and MARAM/IWS/DEC14/Sardine/BG6b detail the assessment of sardine assuming a single stock and two mixing stock hypothesis, where the only mixing between the two stocks is that of juveniles moving from the west stock to the south stock.

MARAM/IWS/DEC14/Sardine/BG7 and MARAM/IWS/DEC14/Sardine/BG8 provide the foundation for the proposal of alternative two stock hypothesis “A (Effective Spawning Biomasses)”.

MARAM/IWS/DEC14/Sardine/BG9 provides the foundation for the proposal of alternative two stock hypothesis “C (Varied Adult Distributions)” and “D (Varied Adult Movement)”.

MARAM/IWS/DEC14/Sardine/BG10 and MARAM/IWS/DEC14/Sardine/BG11 provide updates to the initial results on parasites presented at the December 2013 workshop.

MARAM/IWS/DEC14/Sardine/BG12 provides a summary of past research into the genetics of South African sardine and current efforts using a genomic approach.

MARAM/IWS/DEC14/Sardine/BG13 provides results from an initial assessment of whether stock-specific annual sardine egg production estimated using length frequency data and size-specific reproductive characteristics tracks survey- and model-derived estimates of adult biomass.

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