

Second Workshop on integrated trend analyses in support to integrated ecosystem assessment (WKINTRA2)

2018/2/IEASG07 **The second Workshop on integrated trend analyses in support to integrated ecosystem assessment (WKINTRA2)**, chaired by Saskia Otto, Germany, and Benjamin Planque, Norway, will meet in Gothenburg, Sweden, on 13–15 September 2019.

The general objective of the workshop is to develop good practices in the application of integrated trend analyses (ITA) and interpretation of their results for integrated ecosystem assessment. The workshop will:

- a) Identify key properties of multivariate ecological datasets that need to be reproduced in simulated data ([Science plan codes](#) 4.1, 4.2, and 6.5);
- b) Identify simulation approaches that can be used to produce a set of contrasted multivariate ecological time-series ([Science plan codes](#) 4.1, 4.2, and 6.5));
- c) Generate simulated datasets and anonymously archive them, together with relevant meta-data, for the purpose of further ITA evaluations ([Science plan codes](#) 4.1, 4.2, and 6.5).

WKINTRA2 will report by 15 November 2019 for the attention of IEASG.

Supporting Information

Priority	The use of ITA is widespread in the ICES integrated ecosystem assessment community, and recent publications have challenged the interpretation of its results. Thus, the priority should be considered medium to high.
Scientific justification	<p>The first workshop on integrated trend analyses in support to integrated ecosystem assessment (WKINTRA) recognized some of the limitations in the ITA methods currently used as a standard tool by ICES IEA groups. It was recommended to approach the evaluation problem through simulation studies, in a way similar to that used earlier in ICES for stock assessment models (ICES, 1993). The second workshop (WKINTRA2) will develop and compare numerical simulation protocols and algorithms, with the aim of simulating few contrasted ecosystem datasets. These will form the basis of ITA methods evaluation.</p> <p>ICES 1993. Reports (3) of the working group on "Methods of fish stock assessment". Report No. 191. pp. 249. https://doi.org/10.17895/ices.pub.4607</p>
Resource requirements	No major resourcing
Participants	Statisticians and researchers from across the IEASG network.
Secretariat facilities	None.
Financial	No financial implications for ICES.
Linkages to advisory committees	Link to ACOM through the development of ecosystem overviews
Linkages to other committees or groups	Links across all ICES IEA working groups
Linkages to other organizations	Links to IEA groups in the Arctic and PICES Working Groups working on similar topics.