## Verification of decadal forecasts: A verification framework for interannual-to-decadal prediction experiments

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One of the two main objectives of the US CLIVAR Working Group on Decadal Predictability (DPWG) is to develop a metrics framework for verification of the decadal hindcast experiments will be part of the Fifth Assessment of the IPCC. Many outside the climate community are eager to use the hindcasts and forecasts for impacts studies and sectoral forecasts that use climate data as an input. However, the climate community is still investigating how to produce and assess the predictions that may or may not contain information on climate variability in addition to climate change. It is therefore crucial that there be a coordinated assessment of the prediction skill of these experiments that can guide their use. The purpose for coordinated verification is twofold. The primary reason is to make the skill assessments across forecast systems comparable, in terms of which observations are used for verification, what period(s) are used, and how that information is displayed. This will certainly not be the only forecast verification work done by the centers, or the scientific community, but it serves as a minimum set of metrics. The second reason is to provide this information through a common location (i.e. webpage) to make it easier for those interested in using the hindcasts to view their past performance, and to serve as a repository for the forecast centers that can be updated over time. The IRI is home to this page now, but the intention is to transfer the page and code to WCRP or an IPCC institution once the prototype has been completed. This poster will give an overview of the effort of the working group to develop this basic set of metrics, including the questions of the forecasts addressed by the metrics, the current layout of the website, and some initial results based on the hindcasts provided by members of the DPWG. It is intended to contribute to a poster cluster, "Verification of Decadal Forecasts", from the working group.