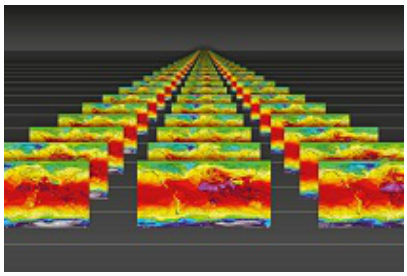

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The TIGGE and S2S Museums - websites of ensemble forecast products -

We introduce two websites displaying a variety of ensemble forecast products: the TIGGE (The International Grand Global Ensemble) and S2S (Subseasonal to Seasonal) Museums (http:// gpvjma.ccs.hpcc.jp/TIGGE/ and http:// gpvjma.ccs.hpcc.jp/S2S/).

The TIGGE Museum displays various products of 10 global medium-range ensemble (TIGGE) forecasts, originally provided by the WWRP THORPEX project to accelerate improvements in the accuracy of one-day to two-week high impact weather forecasts for the benefit of society, the economy and the environment. The TIGGE Museum includes statistical verifications of TIGGE forecasts, ensemble-based probabilistic forecasts of severe weather, and forecasts of the Madden–Julian Oscillation (MJO), atmospheric blocking, and teleconnection pattern indices.

The S2S Museum displays various products of 11 global S2S ensemble forecasts and reforecasts, provided by the WWRP/THORPEX/WCRP joint S2S project to improve forecast skill and understanding on the S2S timescale, and promote its uptake by operational centres and exploitation by the applications community. The S2S Museum contains forecasts of the Arctic/Antarctic Oscillation (AO/AAO) indices, the North Atlantic Oscillation (NAO) index, teleconnection pattern indices (the Pacific/North American (PNA), the Western Pacific (WP), and the Eurasian (EU) pattern indices), wave activity flux at 200 hPa, the Sudden Stratospheric Warming (SSW), MJO, sea surface temperature, and sea-ice cover.

The forecast products available at the TIGGE and S2S Museums are regularly updated every day, with a 2- and 21-day delay, respectively, and are available only for research and education purposes.

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Track Classification: Workshop on Predictability, dynamics and applications research using the TIGGE and S2S ensembles