

# ***Interactive comment on “The Earth’s climate system recurrent & multi-scale lagged responses: empirical law, evidence, consequent solar explanation of recent CO<sub>2</sub> increases & preliminary analysis” by J. Sánchez-Sesma***

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In this appendix we present evidences of lagged influences of the high northern latitude (HNL) climate [Arctic and northern forests temperature (TA, TNF)] over the Northern Hemisphere Temperature (NHT or T). Specifically, we present: a) reconstructed, simulated and observed records, b) evidences of T lags TA temperatures by multidecadal scales, b) evidences of T lags TNF by multidecadal scales, and c) an intercomparison of their consequent forecasts and a comparison with adjusted and extrapolated climate scenarios considering “zero emissions of CO<sub>2</sub>.”

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Please also note the supplement to this comment:

<http://www.earth-syst-dynam-discuss.net/esd-2016-38/esd-2016-38-AC2-supplement.zip>

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