THIS PAGE INTRODUCES THE MAPS IN DETAIL

FİGURES ORIGINALY CAN BE FOUND AT **ORIGINAL_FIGURES_Arctic** DIRECTORY

VARİABLES FOR PİCTURES

1-) Mean Sea Level Pressure (CFSR)

2-) 1000hPa Temperature(CFSR)

3-) Entire Atmosphere Precipitable Water(CFSR)

Correlations of those 3 variables with Autumn Arctic Sea Ice Area Average has been computed for both Spring and Winter Period.For Total 4 DECADES OF:

|1980-1989|

|1990-1999|

|2000-2010|

|2011-2019|

- **FIGURE 1 illustrates the correlations of WINTER VALUES of those 3 variables with AUTUMN Arctic Sea Ice Area Average. Each row indicates a new variable. Columns represent the decade for which the correlations has been computed. *TOTAL 4 DECADES [80-89/90-99/00-10/11-19] are shown in columns respectively.***

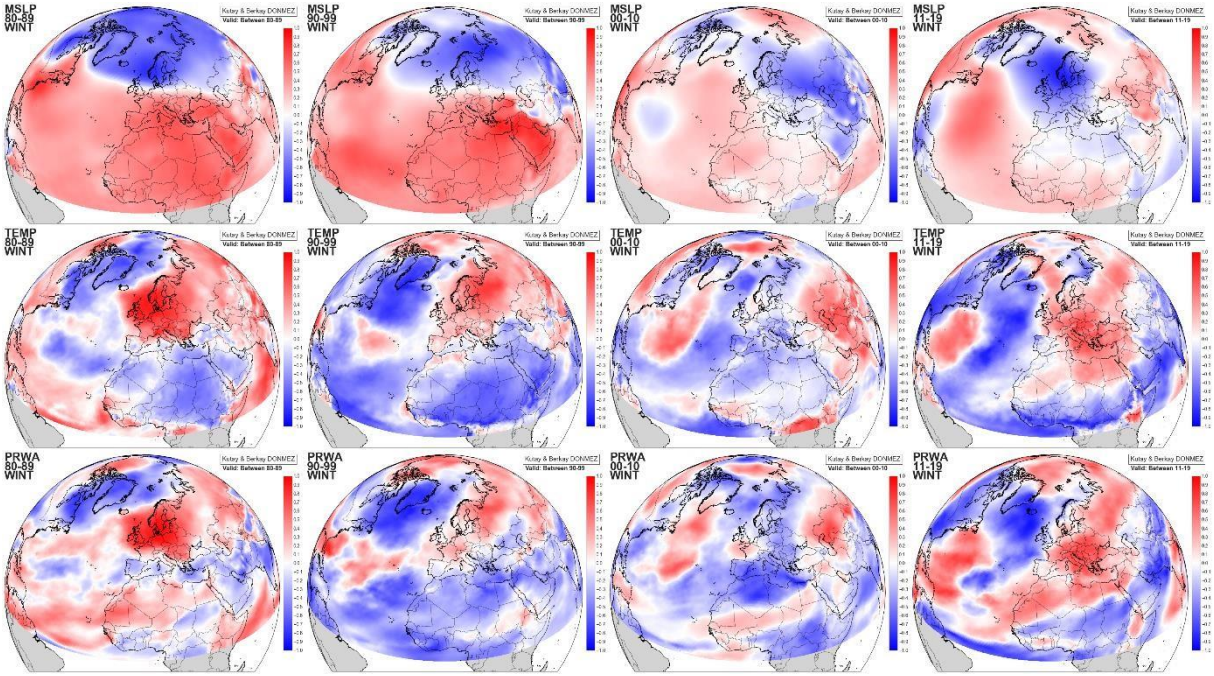
- **FIGURE 2 illustrates the correlations of SPRING VALUES of those 3 variables with AUTUMN Arctic Sea Ice Area Average. Each row indicates a new variable. Columns represent the decade for which the correlations has been computed. *TOTAL 4 DECADES [80-89/90-99/00-10/11-19] are shown in columns respectively.***

- **FIGURE 3 illustrates time series of Autumn Arctic Sea Ice Area Anomaly versus Turkey country averaged (26-45E | 36-42N) Winter Mean Sea Level Pressure(MSLP) between the years of 1980-2019.**

- **FIGURE 4 illustrates time series of Autumn Arctic Sea Ice Area Anomaly versus Turkey country averaged (26-45E | 36-42N) Spring Mean Sea Level Pressure(MSLP) between the years of 1980-2019.**

- **FIGURE 5 illustrates time series of Autumn Arctic Sea Ice Area Anomaly versus Turkey country averaged (26-45E | 36-42N) Winter 1000hPa Temperature(C) between the years of 1980-2019.**

- **FIGURE 6 illustrates time series of Autumn Arctic Sea Ice Area Anomaly versus Turkey country averaged (26-45E | 36-42N) Spring 1000hPa Temperature(C) between the years of 1980-2019.**



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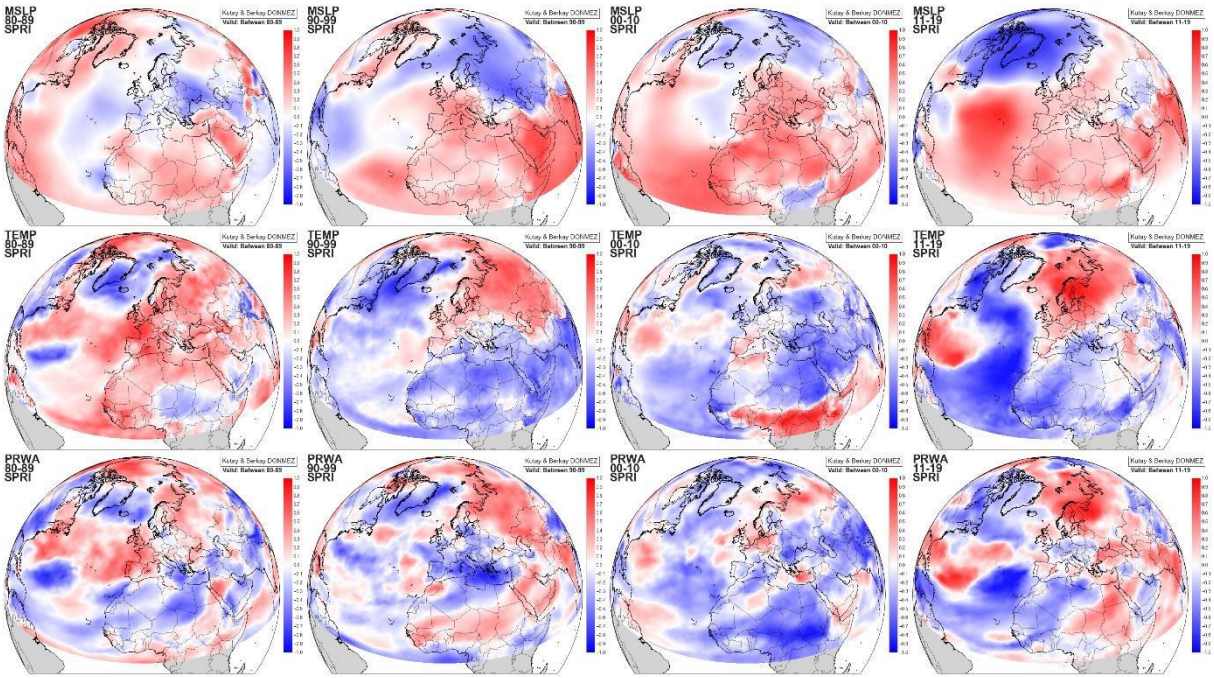

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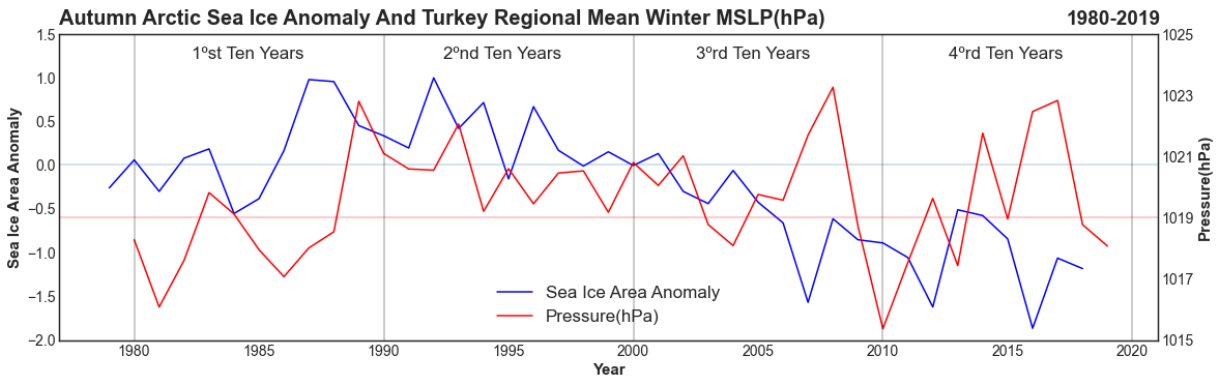

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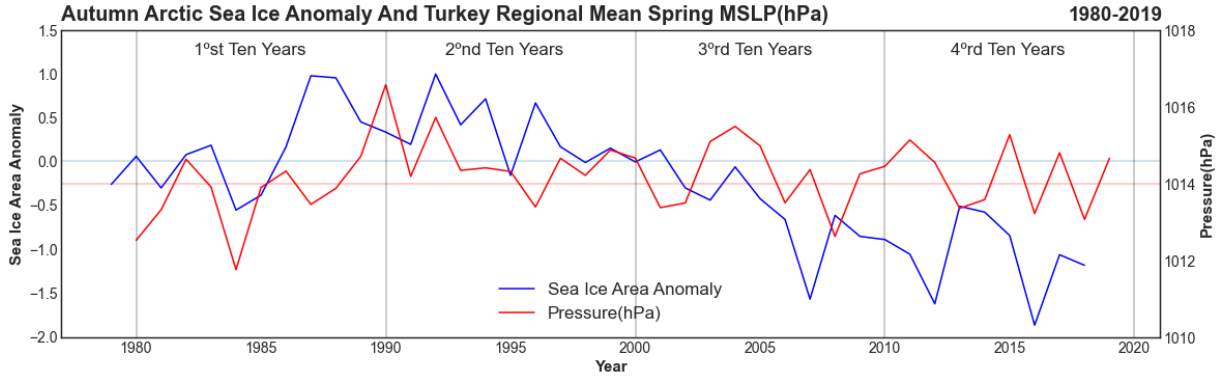

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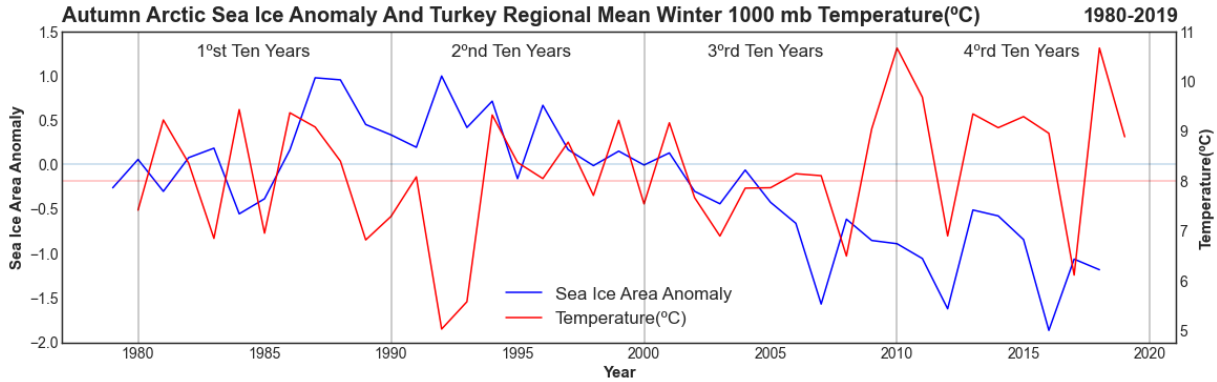

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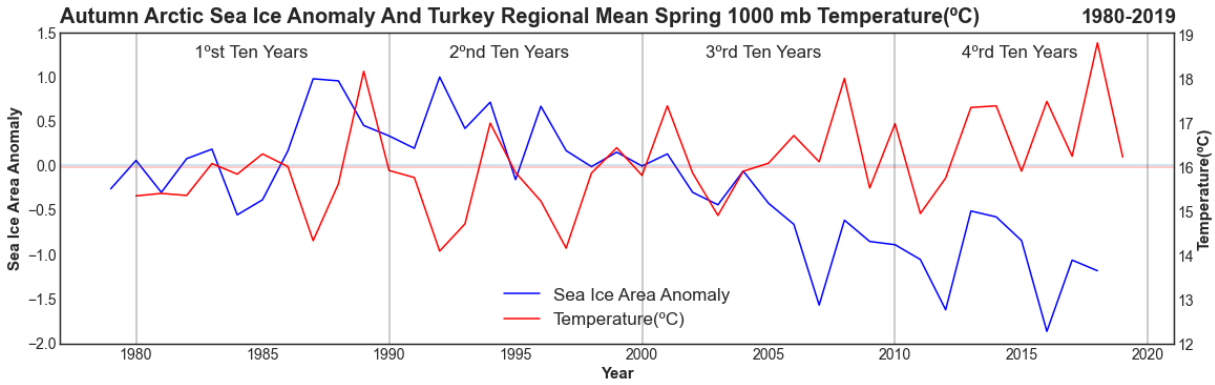

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