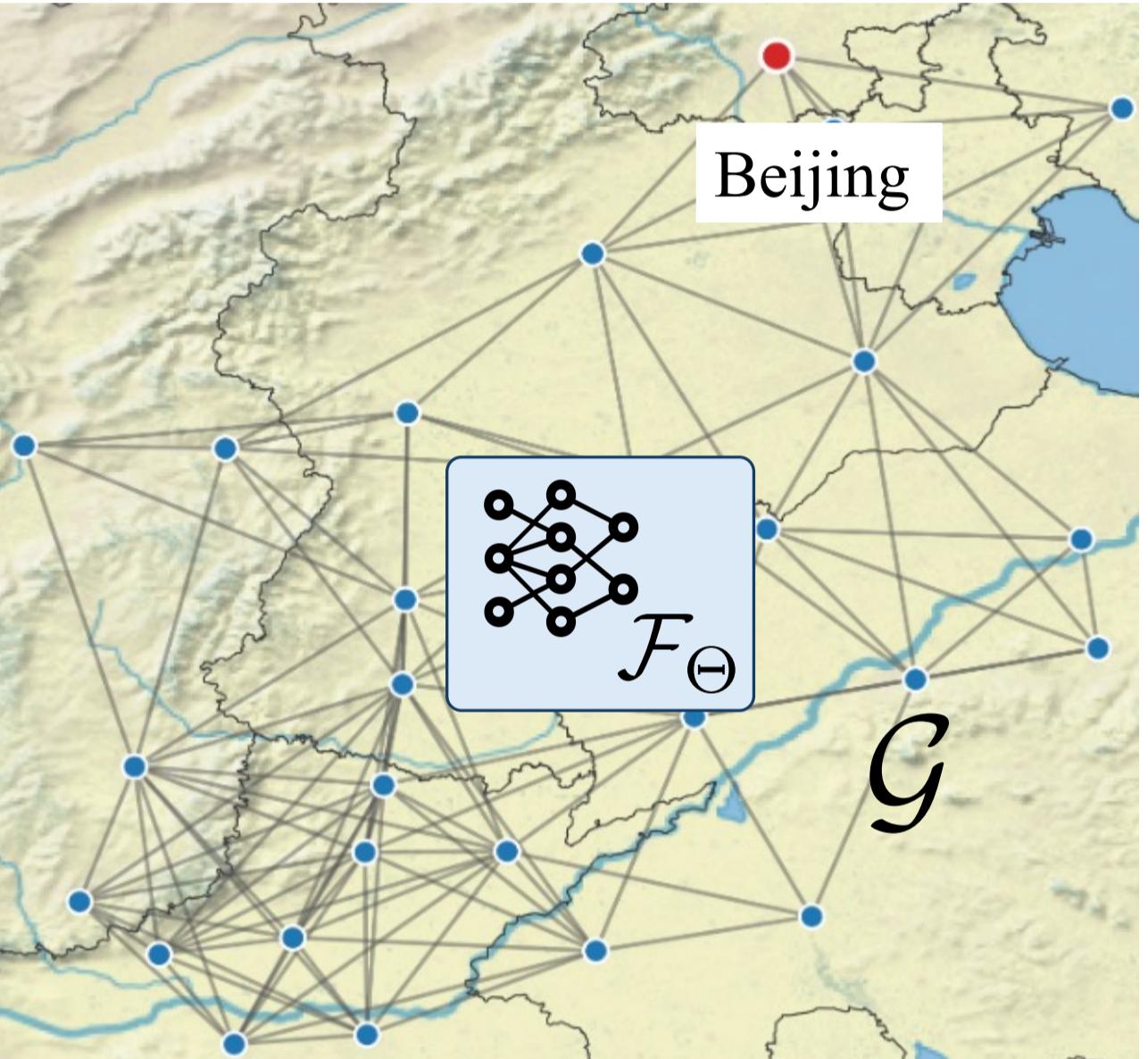


**Historical**  
(2014~2020)

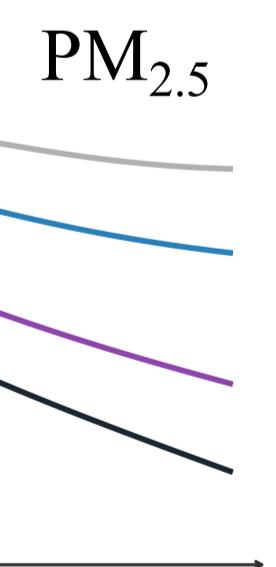
*Transfer*

**Future**  
(2025~2050)



Air Quality  $\mathbf{X}_{future}^{t-T'+1:t}$

?

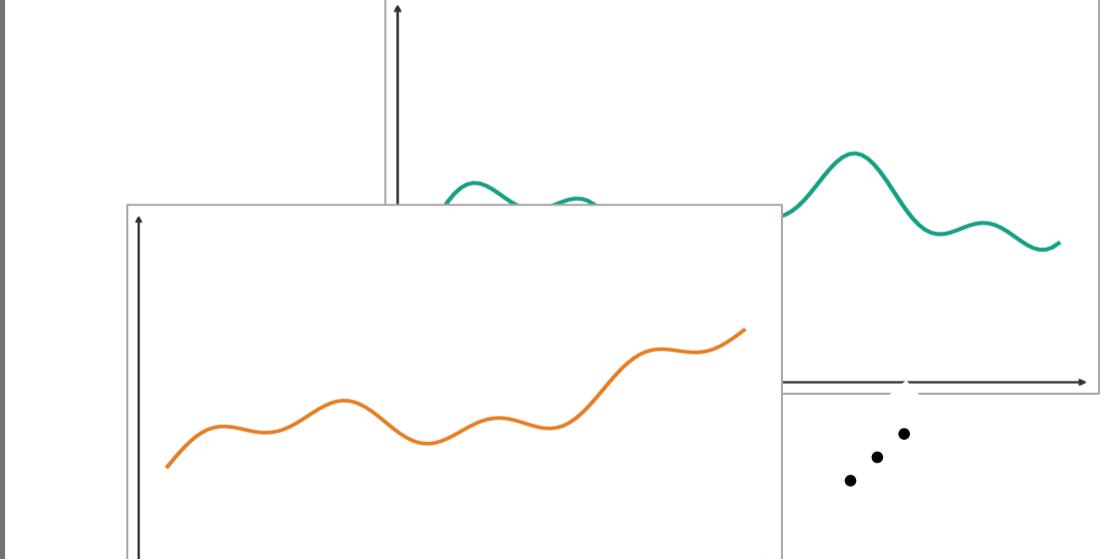


$= f($

$t \in \mathcal{T}_{future}$

Emission (DPEC)  $\mathbf{E}_{future}^{t-T'+1:t}$

Meteorology (CMIP6)  $\mathbf{M}_{future}^{t-T'+1:t}$



Trainable Parameters	Temperature	Historical O <sub>3</sub>	Emissions	Current Policies	Carbon Neutral
Frozen Parameters	Wind Speed	Historical PM <sub>2.5</sub>	Baseline	Ambitious Reduction	