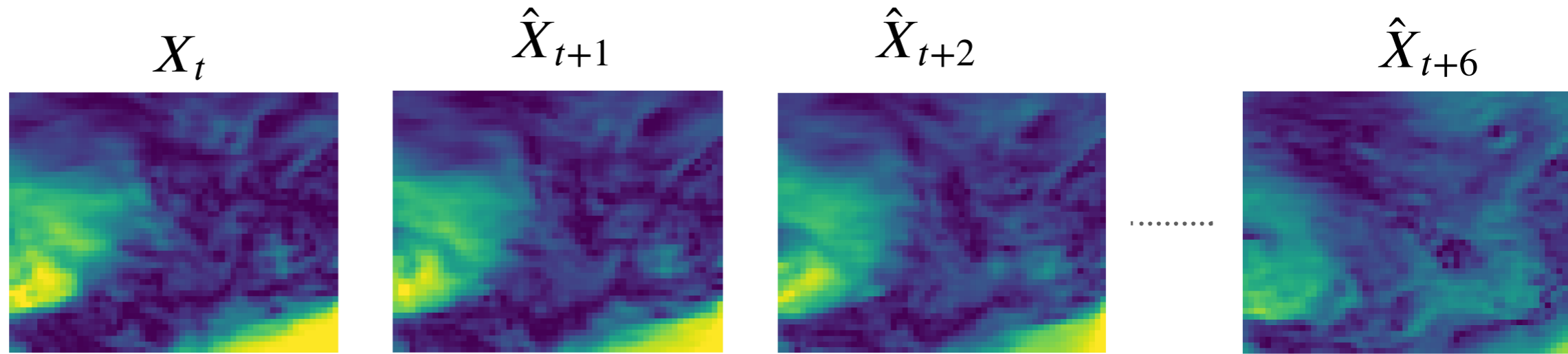


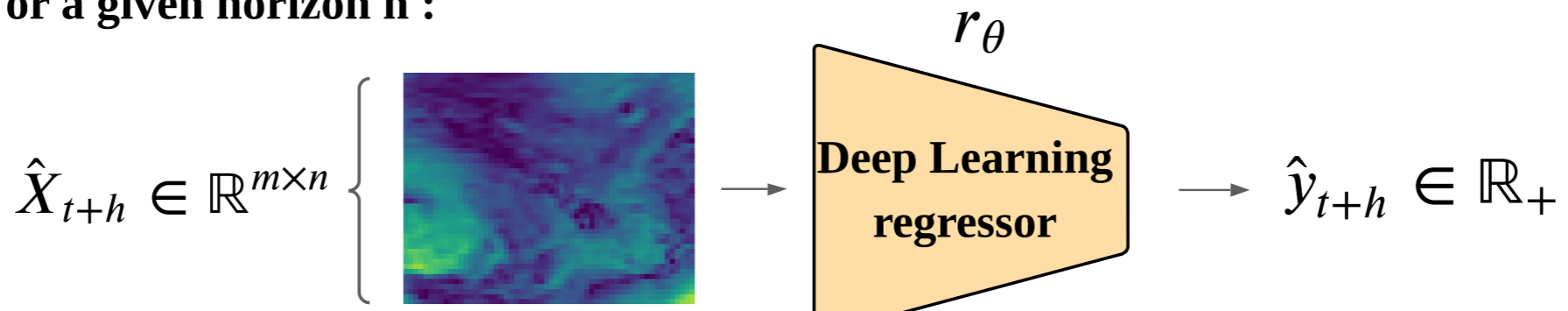
Numerical Weather Predictions (NWP) 6-hours ahead

Step 1: Get wind speed maps predictions from the NWP model



Step 2: Pass the wind speed maps through the proposed regressor r_θ

For a given horizon h :



Predicted wind speed map

Prediction of the regional wind power generation