



SLIM



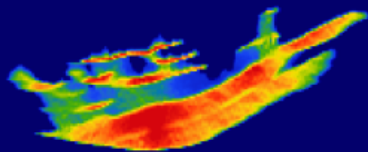
CO2 storage project lifecycle

Train inference network and  
well design using pairs  $p(\mathbf{x}_{k+1}, \mathbf{y}_{k+1})$

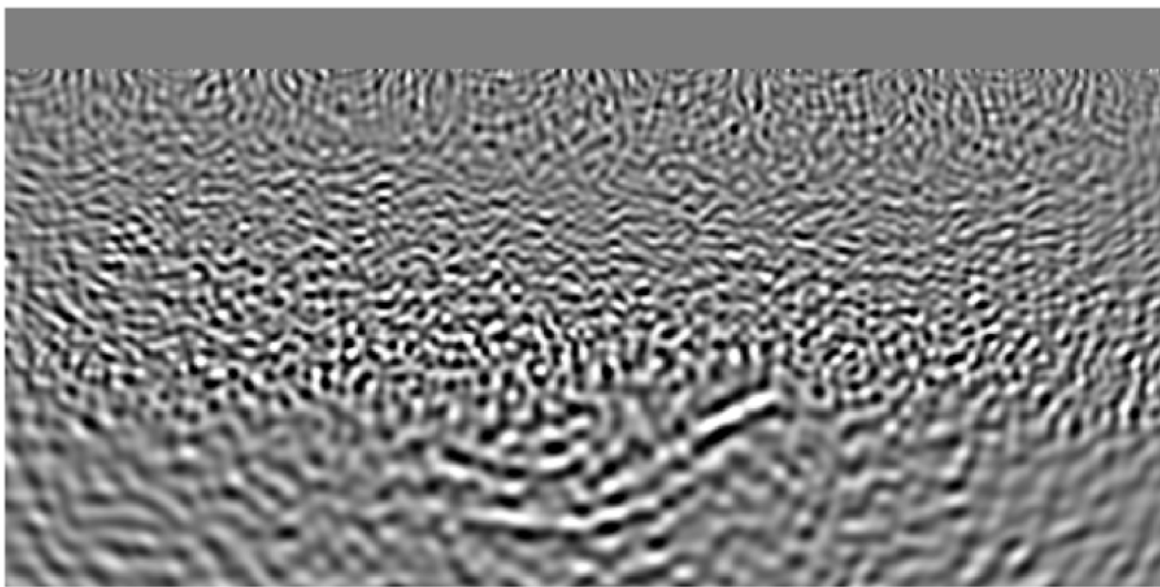
Fluid flow  
simulations



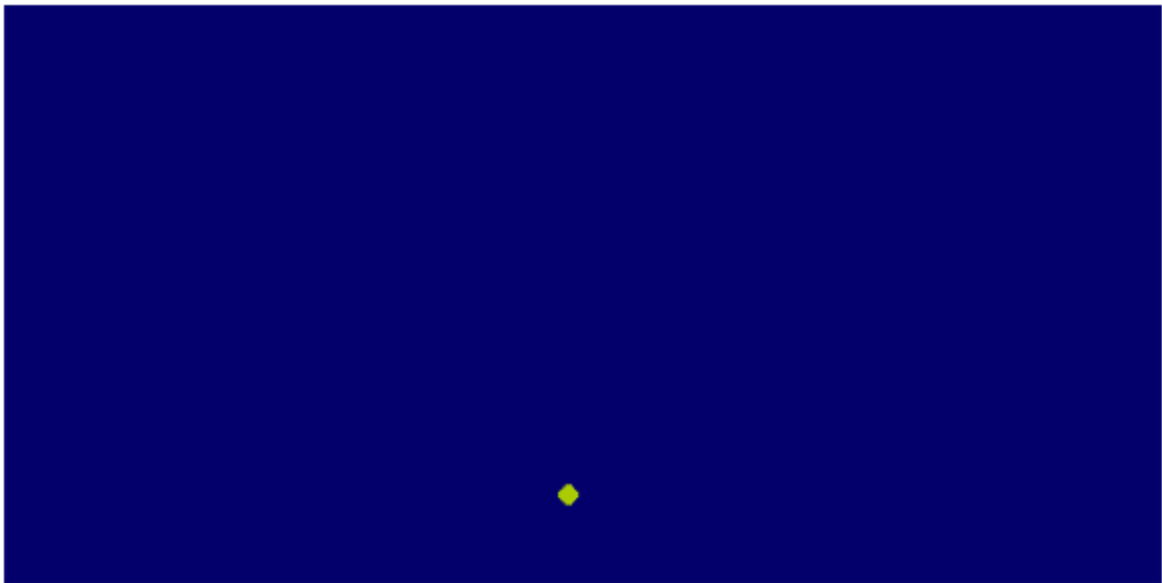
Synthetic  
observations





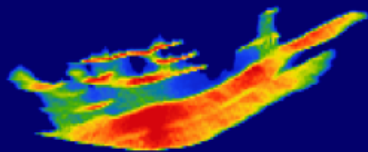


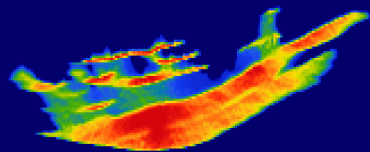


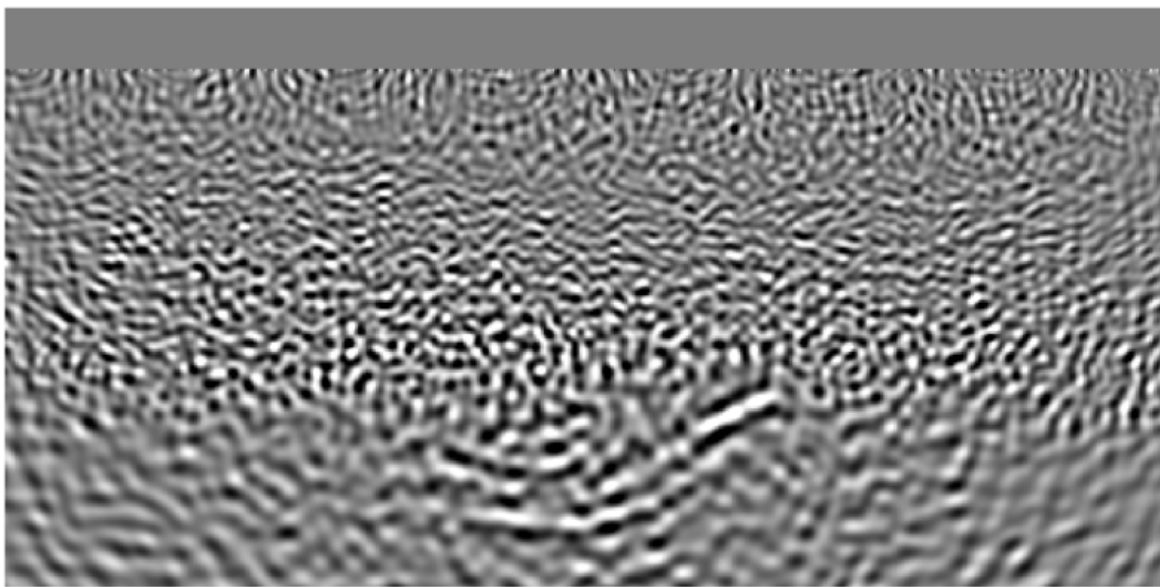


Prior samples  $p(\mathbf{x}_0)$

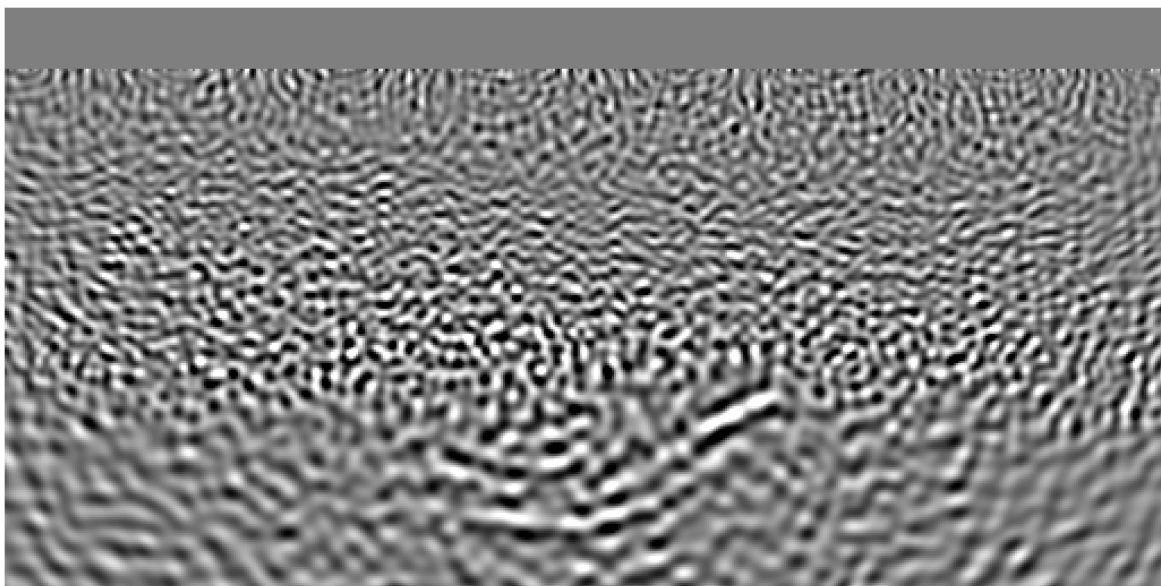
Forecasted plumes  $p(\mathbf{x}_{k+1} | \mathbf{x}_k)$

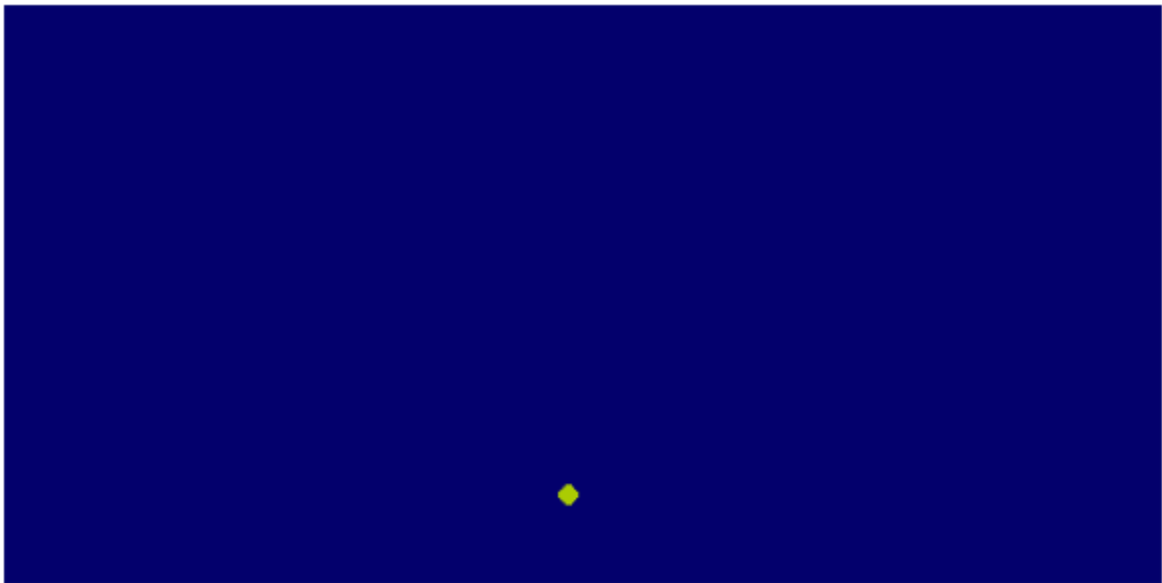






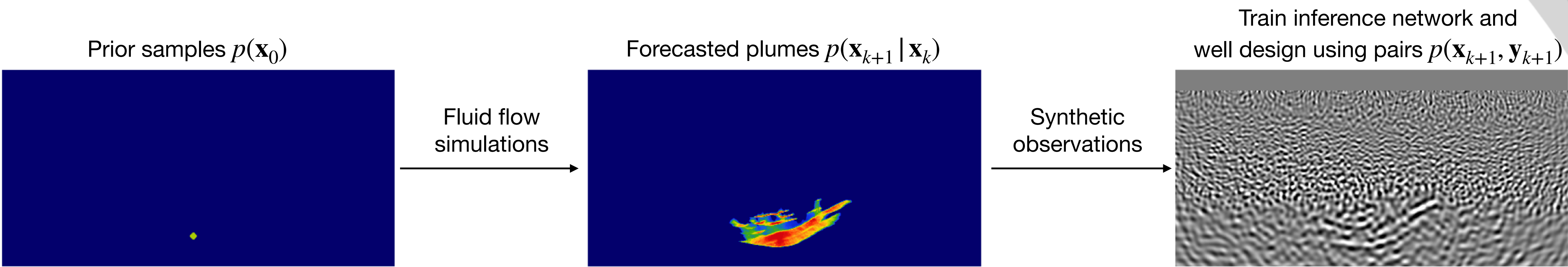








# CO2 storage project life cycle



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