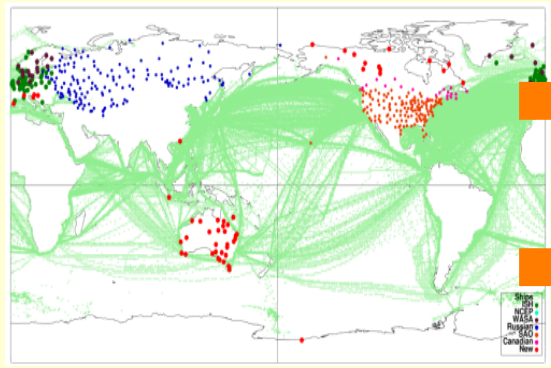


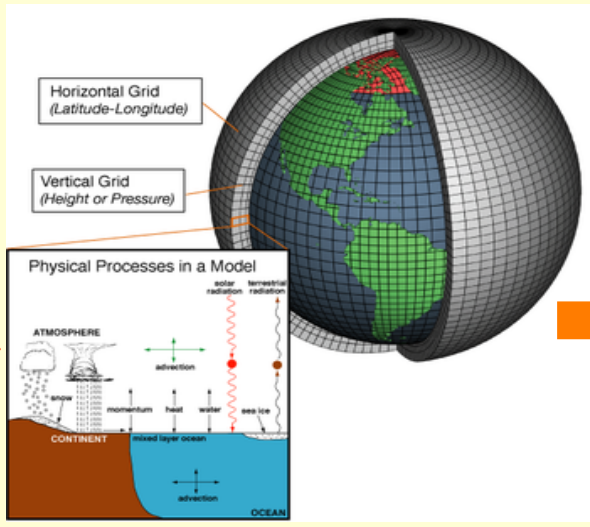
# HISTORICAL DATA



Citizen Science  
'Crowd Sourcing'  
(eg. Oldweather.org  
Weather Detective)



# REANALYSES



20<sup>th</sup> Century Reanalysis Project (20CR)  
20CRv2c 1851-2012  
Global historical reanalysis  
56 realizations every 6 hours  
2° x 2° spatial resolution



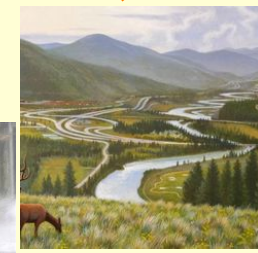
# CLIMATE SERVICES & APPLICATIONS

MELDING:  
historical  
climatology,  
climate history,  
climate  
reconstructions,  
modelling and  
reanalyses

- IRI
- NCAR
- NOAA ESRL
- NERSC
- KNMI
- BADC

MO PRECIS  
Downscaling  
=> Higher  
Resolution

- Environmental Assessments
- Extremes, Impacts & Risks
- Water resources
- Agricultural
- Forestry
- Energy
- Marine operations
- Fisheries
- Cultural landscapes and built heritage
- Education
- Ecological
- Phenological
- Health & Disease
- Reinsurance
- Climate Monitoring
- Model Validation



# ACRE & C3S DRS DATA RESCUE FOCI

