

W\*RUN - with runoff

WO\*RUN - without runoff

## Rigid boundary Simulations

## Open boundary Simulations

- no precipitation  
- daily forcing  
- 2012-2013

WO\*RUN

W\*RUN  
runoff type 1

W\*RUN  
runoff type 2

W\*RUN  
type 2  
3 hrly

W\*RUN  
type 2  
1 hrly

W\*RUN  
type 3  
daily runoff

- Global Runoff  
experiment (GRUN)  
- with precipitation  
- daily forcing  
- 2012-2013

- Dai and Trenberth  
Global River runoff  
- with precipitation  
- daily forcing  
- 2012-2013

- Dai and Trenberth  
Global River runoff  
- with precipitation  
- 3 hrly forcing  
- 2012-2013

- Dai and Trenberth  
Global River runoff  
- with precipitation  
- 1 hrly forcing  
- 2012-2013

- JRA-55 based surface  
dataset for driving  
ocean-sea-ice models (  
JRA55-do) for runoff daily  
- with precipitation  
- 3 hrly forcing  
- 2012-2013