

ATMOSPHERIC BLOCKING

DYNAMICS AND PROCESSES

27-29 September 2021

VIRTUAL WORKSHOP ORGANIZED BY WAVES TO WEATHER



Keynote Speakers

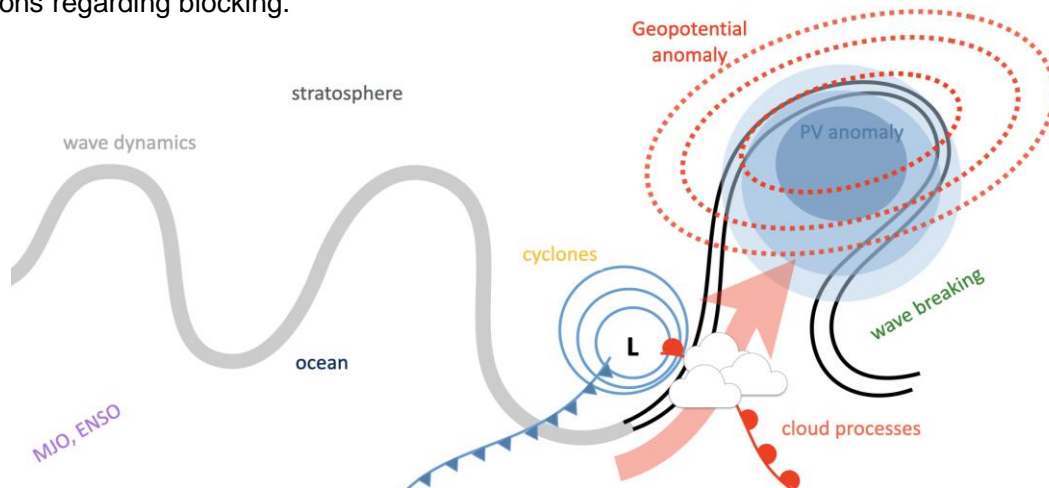
Marie Drouard
Stephanie Henderson
Brian Hoskins
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Noboru Nakamura
Stephan Pfahl
Akira Yamazaki

Scientific committee
Organizing committee

Melissa Breeeden, Paolo Davini, Christian Grams, Ben Harvey and Frederic Vitart
Seraphine Hauser, Daniel Steinfeld, Franziska Teubler and Volkmar Wirth

Atmospheric blocking represents an important aspect of the mid-latitude weather variability and is often associated with extreme weather such as heatwaves and cold spells. Physical processes involved in blocking are not yet fully understood, and the formation and maintenance of blocking anticyclones remain a challenge for numerical weather prediction and climate models.

After the [Blocking Workshop](#) in 2016, this workshop will offer a platform to bring together specialists in the fields of atmospheric and climate science, to review the current understanding of **blocking dynamics and physical processes** involved, and to discuss the most important open questions regarding blocking.



Workshop Sessions

We welcome contributions that advance our understanding of **dynamics and physical processes** in atmospheric blocking with special focus on

the role of **dry and moist dynamics** in the **formation, maintenance and decay** of blocking

teleconnections and **external forcing** associated with blocking

model representation and **predictability** of blocking dynamics and physical processes

DEADLINES

Abstract submission deadline: 1 June 2021
Decision on abstracts: 1 August 2021
Registration deadline: 1 September 2021

For more information, including abstract guidelines/submission, registration and keynote speakers, please visit

blocking-workshop-2021.wavestoweather.de

Interactive online platform with talks, poster sessions, coffee breaks, ...

#BWS2021