



# CALL FOR PAPERS

**ICWSAPWCP 2020**  
**Jul 13-14, 2020**  
**Ottawa, Canada**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICWSAPWCP 2020 : International Conference on Weather Systems, Atmospheric Pressure, Winds and Circulation Patterns is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Weather Systems, Atmospheric Pressure, Winds and Circulation Patterns. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Weather systems  
Global weather systems  
Meteorology  
Atmospheric pressure, winds, and circulation patterns  
Extratropical cyclones  
Fronts and surface weather  
Vertical structure  
Air trajectories  
In search of the perfect storm  
Top-down influences  
Influence of latent heat release  
Orographic effects  
Lee cyclogenesis and lee troughing

Rosby wave propagation along sloping terrain  
Cold air damming  
Terrain-induced windstorms  
Orographic influences on precipitation  
Deep convection  
Environmental controls  
Structure and evolution of convective storms  
Damaging winds associated with convective storms  
Mesoscale convective systems  
Tropical cyclones  
Structure, thermodynamics, and dynamics  
Genesis and life cycle  
Storm surges