

POLAR CHALLENGE

Be the first to complete a
2000 km continuous mission
with an Autonomous
Underwater Vehicle (AUV)
under the sea ice.



Compete for the Prize!
Become a co-sponsor!

www.wcrp-climate.org/polarchallenge

Co-sponsors:



WMO



Environment
Canada

Environnement
Canada



Endorsed
by:



Industry
Partners:



JUN 16 1997

POLAR CHALLENGE



CONTEXT

The cryosphere plays a fundamental role in the climate system. We need much better monitoring and prediction capabilities for the polar regions.



CHALLENGES AND OPPORTUNITIES

Polar observations are expensive, risky and sparse. We can expand AUVs' endurance, navigation and communication capabilities to operate under the sea ice.



VISION

A cost-effective, sustainable and autonomous polar ocean monitoring system to drive a new era for climate research and services.