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Primary Type: Perspectives Video: Expert

# Convection Currents

Did you know the ocean ships heat energy all over the world? It's a major mover but next day service is not guaranteed.

**Subject(s):** Science  
**Grade Level(s):** 9, 10, 11, 12  
**Intended Audience:** [Educators](#)

**Keywords:** convection, ocean, FSU, Geophysical Fluid Dynamics Institute, physical oceanography, current, Antarctic Circumpolar Current, ACC, jet, eddy, eddies, volume transport, convective heat transfer, specific heat capacity

**Instructional Component Type(s):** [Perspectives Video: Expert](#)

**Resource Collection:** CPALMS Perspectives Videos - General

## SOURCE AND ACCESS INFORMATION

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## Related Standards

Name	Description
<a href="#">SC.912.P.10.4:</a>	Describe heat as the energy transferred by convection, conduction, and radiation, and explain the connection of heat to change in temperature or states of matter.