

## International Polar Year

Friday, March 30 • 8:00 AM–6:00 PM • Rooms 224, 230, and 231, America's Center



*Learn about the International Polar Year from renowned scientists and bring real science to your classroom.*

Join NSTA, the National Science Foundation (NSF), the National Oceanic and Atmospheric Administration (NOAA), and NASA in celebrating the International Polar Year (IPY). IPY promises to advance our understanding of how Earth's remote polar regions impact global climate systems, to bring about fundamental advances in many areas of science, and to fire the enthusiasm of students for future careers in science, technology, engineering, and mathematics.

The IPY sessions are for educators of all levels. The full day of activities includes presentations and a share-a-thon with available resources from NSF, NOAA, and NASA on how Earth's remote polar regions impact global climate systems.

Participants will have the opportunity to meet renowned scientists involved in cutting-edge research and learn ways to incorporate this topic in the classroom. An abbreviated list of sessions appears below. For details, see the listings in the daily program.

### **IPY/NSTA Symposium: The Fragile Ice (SYM-3)**

Tickets required (\$49)  
8:00 AM–12:30 PM  
Room 231, America's Center

### **IPY: Water-Air Cycle** Room 224, America's Center

**11:00 AM–12 Noon**  
Student-Teacher-Scientist Research Partnerships in the International Polar Year

**12:30–1:30 PM**  
Revealing the Inner Secrets of Clouds and Aerosols with the A-Train Polar Express

**2:00–3:00 PM**  
Earth Exploration Toolkit (EET): Analyzing the Antarctic Ozone Hole

**3:30–4:30 PM**  
International Polar Year—Its Impact on Science Classroom Instruction

**5:00–6:00 PM**  
Water, Air, and the Polar Regions—The Circulatory System of Earth

### **IPY: Life** Room 230, America's Center

**8:00–9:00 AM**  
International Polar Year—Legacy of Science and Science Education

**9:30–10:30 AM**  
International Polar Year Share-a-Thon—Polar Science, Global Impact

**11:00 AM–12 Noon**  
International Polar Year—Polar Science; Global Impact

**12:30–1:30 PM**  
Adaptations to Life in the Arctic and Antarctic—International Polar Year

**2:00–3:00 PM**  
Climate Change and National Parks

**3:30–4:30 PM**  
Classroom Essentials of Polar Literacy for the International Polar Year

**5:00–6:00 PM**  
Species Migration Tracking Incorporating NASA Satellite Remote-sensing Data